

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009018.D
 Acq On : 23 May 2022 19:48
 Operator : KP/MD
 Sample : VY0523SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 01:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	99560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	165928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48007	46.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.700%		
35) Dibromofluoromethane	7.710	113	51523	49.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.860%		
50) Toluene-d8	10.179	98	166453	43.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.460%		
62) 4-Bromofluorobenzene	12.477	95	76359	49.729	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19846	21.795	ug/l	97
3) Chloromethane	2.107	50	34393	26.364	ug/l	98
4) Vinyl Chloride	2.247	62	52620	27.226	ug/l	98
5) Bromomethane	2.625	94	58186	30.713	ug/l	99
6) Chloroethane	2.778	64	37349	27.278	ug/l	98
7) Trichlorofluoromethane	3.113	101	38752	23.610	ug/l	94
8) Diethyl Ether	3.528	74	11840	23.070	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	22621	22.425	ug/l	95
10) Methyl Iodide	4.076	142	16066	15.424	ug/l	94
11) Tert butyl alcohol	4.954	59	10546	101.469	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20915	22.335	ug/l	88
13) Acrolein	3.723	56	5149	150.510	ug/l	98
14) Allyl chloride	4.466	41	29560	20.946	ug/l #	83
15) Acrylonitrile	5.155	53	33242	115.683	ug/l	95
16) Acetone	3.942	43	24620	115.430	ug/l	92
17) Carbon Disulfide	4.186	76	64299	21.017	ug/l	99
18) Methyl Acetate	4.466	43	15498	23.334	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	61434	21.857	ug/l	95
20) Methylene Chloride	4.704	84	35237	25.642	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	26024	21.652	ug/l	85
22) Diisopropyl ether	6.112	45	73658	21.725	ug/l	94
23) Vinyl Acetate	6.058	43	241514	107.688	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	44629	22.008	ug/l	97
25) 2-Butanone	6.978	43	41772	109.650	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	38844	20.794	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	28533	21.059	ug/l	87
28) Bromochloromethane	7.326	49	15854	22.777	ug/l	95
29) Tetrahydrofuran	7.344	42	27934	107.946	ug/l #	86
30) Chloroform	7.496	83	47479	21.690	ug/l	98
31) Cyclohexane	7.777	56	41301	20.604	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	42427	21.363	ug/l	99
36) 1,1-Dichloropropene	7.911	75	36635	20.863	ug/l	98
37) Ethyl Acetate	7.070	43	19841	21.783	ug/l #	95
38) Carbon Tetrachloride	7.893	117	37308	20.311	ug/l	94
39) Methylcyclohexane	9.179	83	44498	19.633	ug/l	89
40) Benzene	8.155	78	105572	20.850	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9286m	19.756	ug/l	
42) 1,2-Dichloroethane	8.234	62	32933	22.150	ug/l	93
43) Isopropyl Acetate	8.265	43	37330	22.041	ug/l #	93
44) Trichloroethene	8.935	130	27925	20.829	ug/l	91
45) 1,2-Dichloropropane	9.209	63	26960	22.175	ug/l	96
46) Dibromomethane	9.301	93	16564	21.426	ug/l	90
47) Bromodichloromethane	9.496	83	38516	21.800	ug/l	96
48) Methyl methacrylate	9.289	41	16996	22.474	ug/l	86
49) 1,4-Dioxane	9.295	88	4200	406.411	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	102530	109.386	ug/l	93
52) Toluene	10.240	92	71763	20.280	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	38293	20.410	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	42445	21.044	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	22799	21.079	ug/l	98
56) Ethyl methacrylate	10.508	69	28586	20.673	ug/l	89
57) 1,3-Dichloropropane	10.788	76	37836	21.445	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	61671	103.088	ug/l	96
59) 2-Hexanone	10.831	43	72304	112.665	ug/l	93
60) Dibromochloromethane	10.984	129	26984	20.581	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22782	21.256	ug/l	98
64) Tetrachloroethene	10.715	164	23932	20.042	ug/l	94
65) Chlorobenzene	11.514	112	76875	20.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	28847	20.922	ug/l	96
67) Ethyl Benzene	11.587	91	136224	20.075	ug/l	98
68) m/p-Xylenes	11.697	106	109648	39.804	ug/l	92
69) o-Xylene	12.026	106	51776	20.240	ug/l	89
70) Styrene	12.044	104	87191	19.820	ug/l	96
71) Bromoform	12.203	173	17211	18.831	ug/l #	99
73) Isopropylbenzene	12.331	105	135808	20.069	ug/l	99
74) N-amyl acetate	12.142	43	35368	22.653	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	29512	21.171	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	20177m	20.761	ug/l	
77) Bromobenzene	12.605	156	31368	19.997	ug/l	97
78) n-propylbenzene	12.666	91	172377	22.048	ug/l	99
79) 2-Chlorotoluene	12.758	91	91912	20.381	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	115494	20.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	9217	19.466	ug/l	93
82) 4-Chlorotoluene	12.849	91	98846	20.493	ug/l	97
83) tert-Butylbenzene	13.075	119	102223	20.314	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	116222	20.641	ug/l	97
85) sec-Butylbenzene	13.251	105	159427	20.707	ug/l	99
86) p-Isopropyltoluene	13.367	119	131384	20.464	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68488	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	69639	20.715	ug/l	99
89) n-Butylbenzene	13.696	91	126276	21.499	ug/l	99
90) Hexachloroethane	13.953	117	19011	15.801	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	61468	20.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3935	18.182	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	33718	20.799	ug/l	100
94) Hexachlorobutadiene	15.111	225	18721	21.189	ug/l	97
95) Naphthalene	15.233	128	68866	21.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	29286	20.789	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

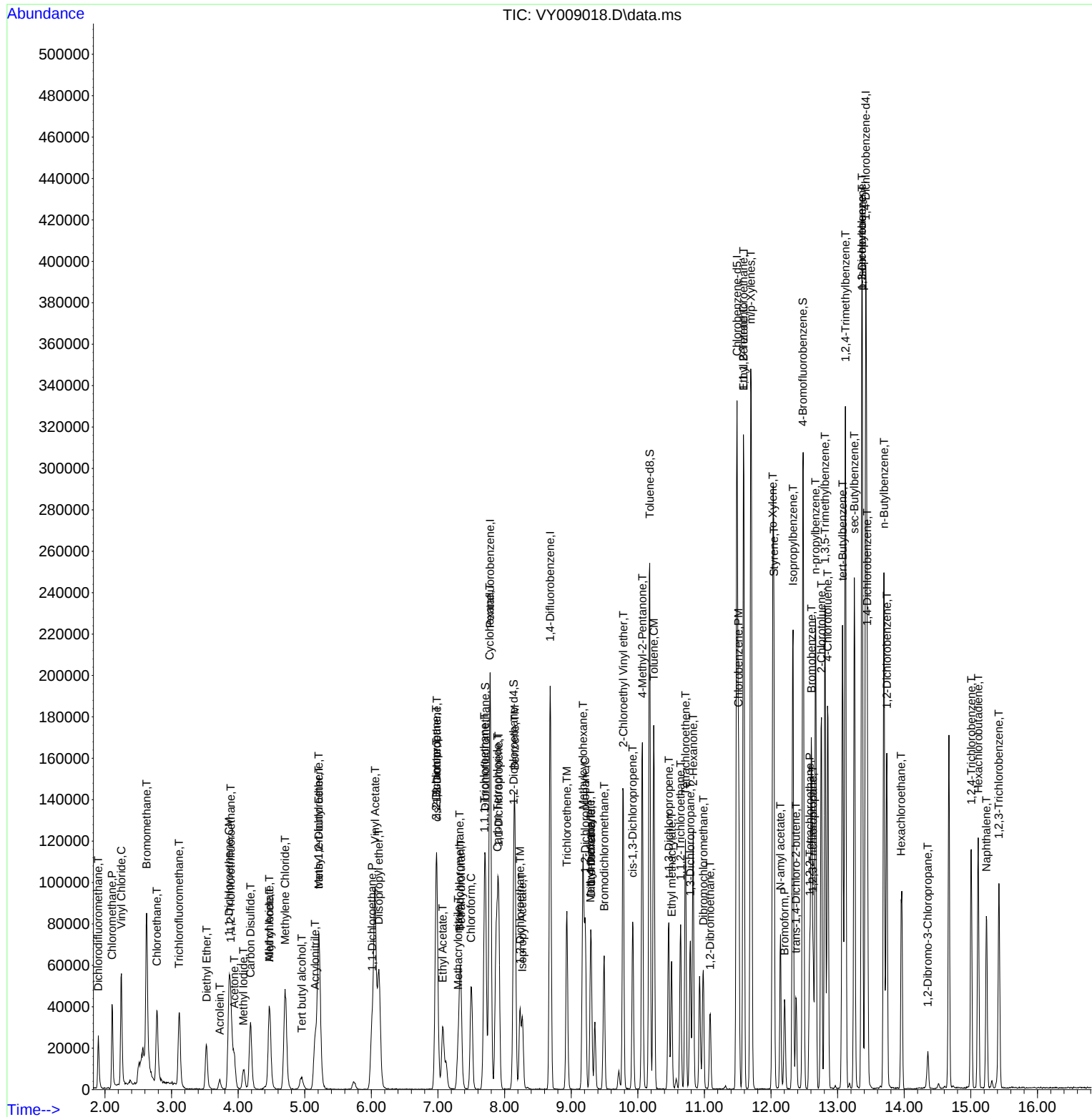
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 ALS Vial : 25 Sample Multiplier: 1

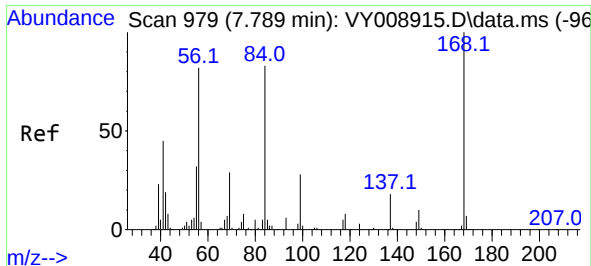
Instrument :
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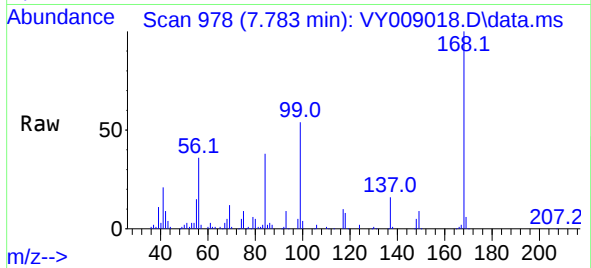
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009018.D
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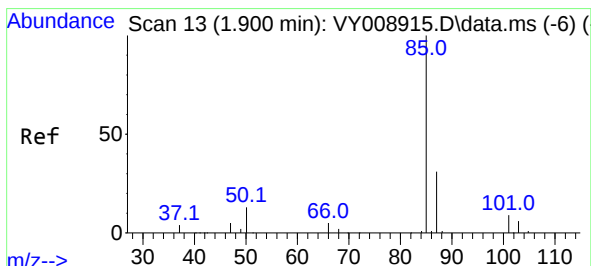
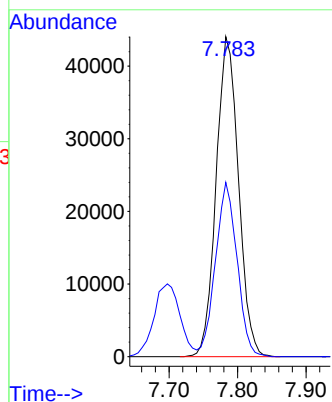
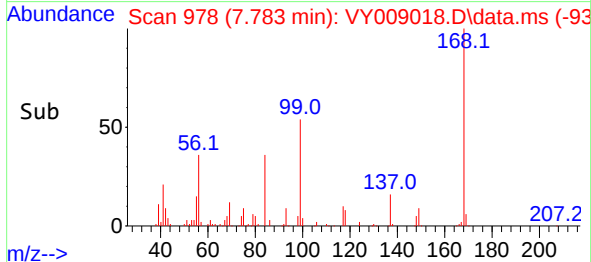
Instrument :
MSVOA_Y
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VY0523SBSD01



Tgt Ion:168 Resp: 99560
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3

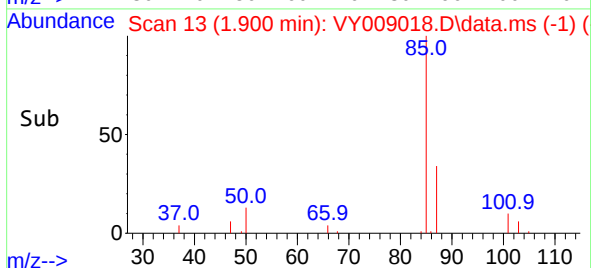
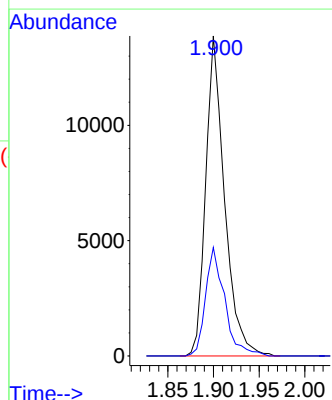
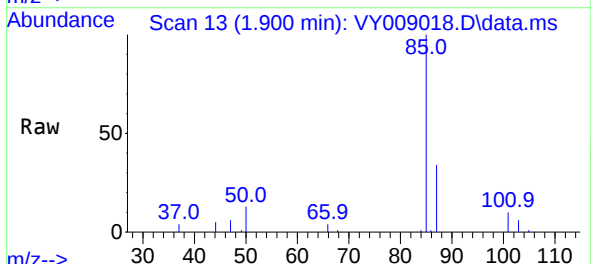
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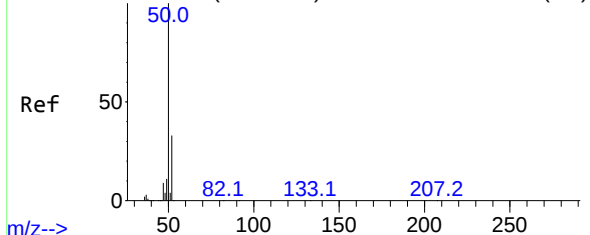


#2
Dichlorodifluoromethane
Concen: 21.795 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 85 Resp: 19846
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2



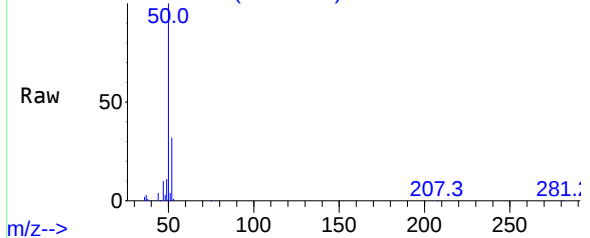
Abundance Scan 48 (2.113 min): VY008915.D\data.ms (-41)



#3
Chloromethane
Concen: 26.364 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Abundance Scan 47 (2.107 min): VY009018.D\data.ms

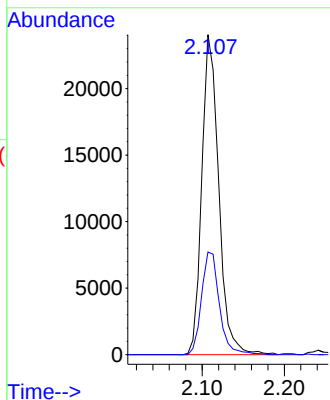
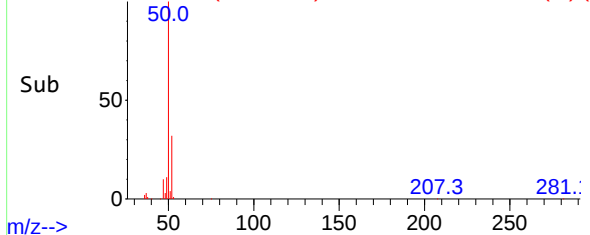


Tgt Ion: 50 Resp: 3439
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0

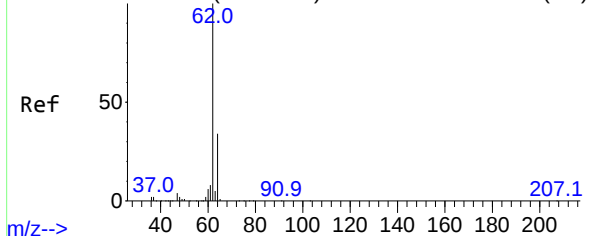
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Abundance Scan 47 (2.107 min): VY009018.D\data.ms (-1)



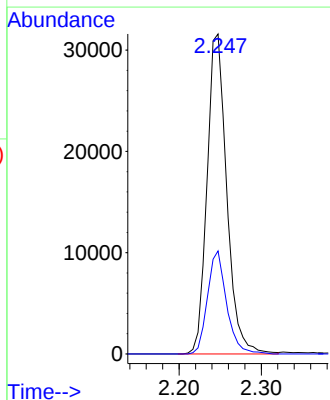
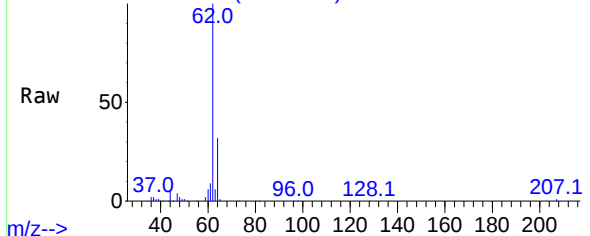
Abundance Scan 70 (2.247 min): VY008915.D\data.ms (-63)



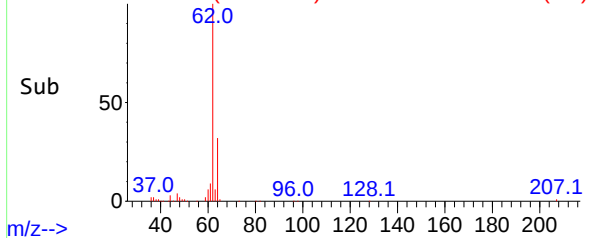
#4
Vinyl Chloride
Concen: 27.226 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

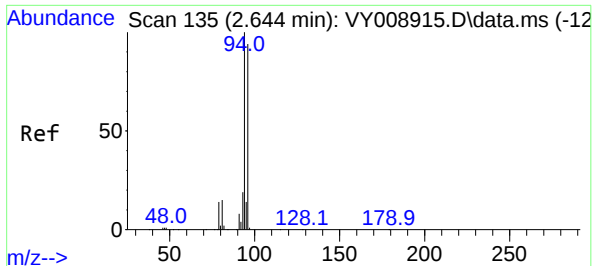
Tgt Ion: 62 Resp: 52620
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

Abundance Scan 70 (2.247 min): VY009018.D\data.ms



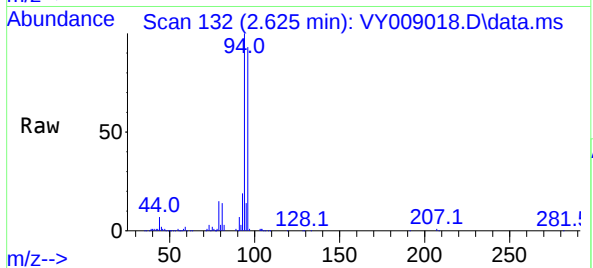
Abundance Scan 70 (2.247 min): VY009018.D\data.ms (-21)





#5
Bromomethane
Concen: 30.713 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009018.D
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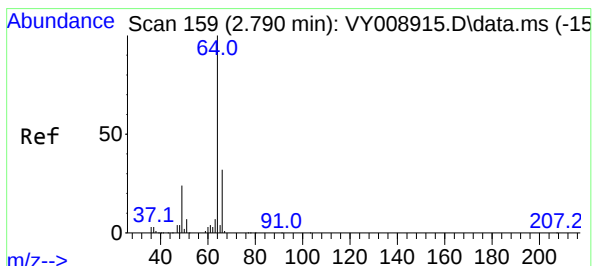
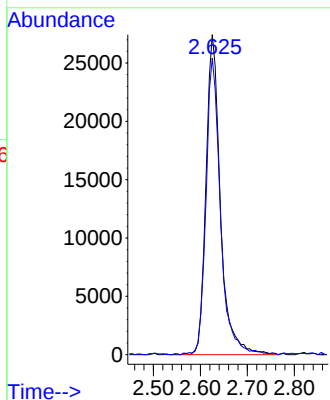
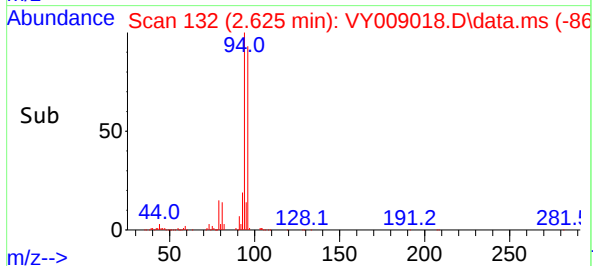
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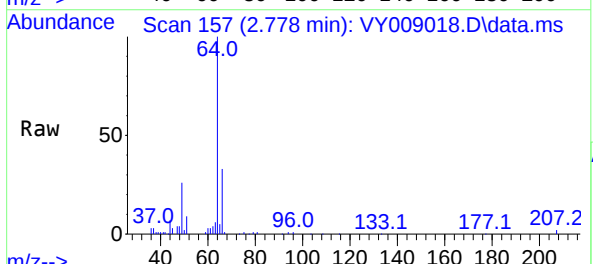
Tgt Ion: 94 Resp: 5818
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3

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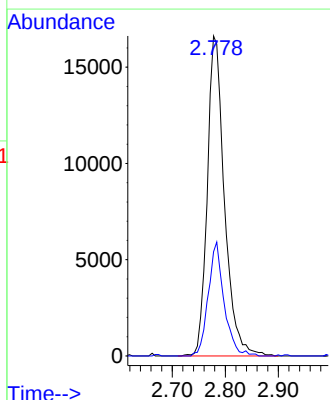
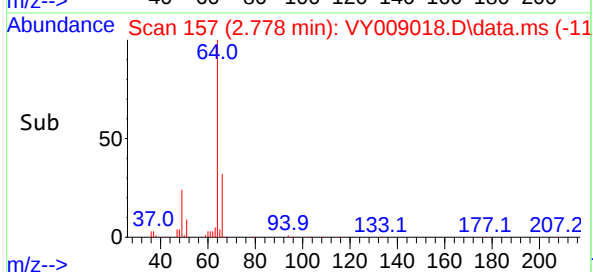
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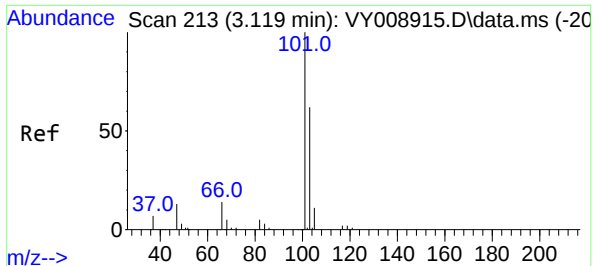


#6
Chloroethane
Concen: 27.278 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.012 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion: 64 Resp: 37349
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0





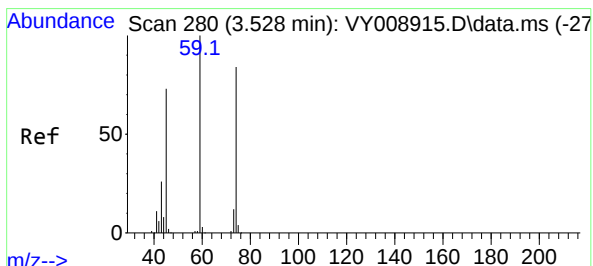
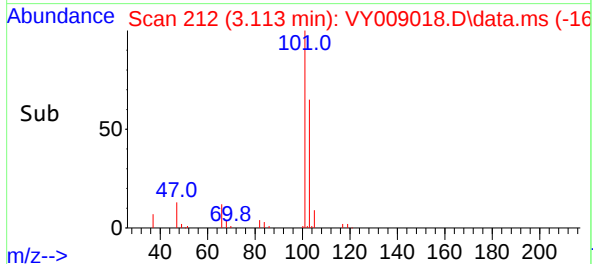
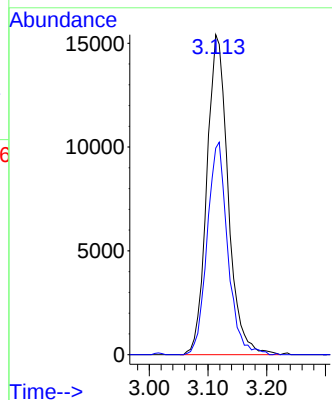
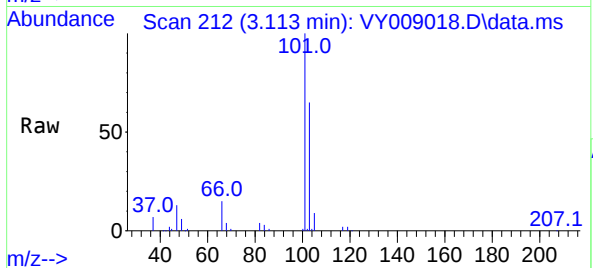
#7
Trichlorofluoromethane
Concen: 23.610 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY009018.D
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Instrument :
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VY0523SBSD01

Tgt Ion:101 Resp: 3875
Ion Ratio Lower Upper
101 100
103 64.5 48.0 72.0

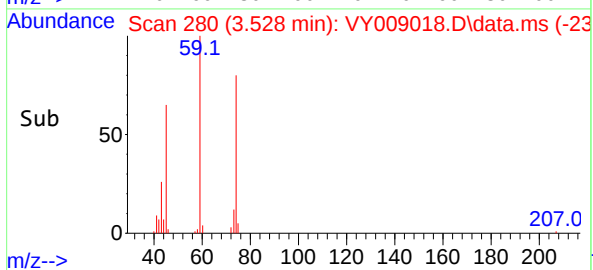
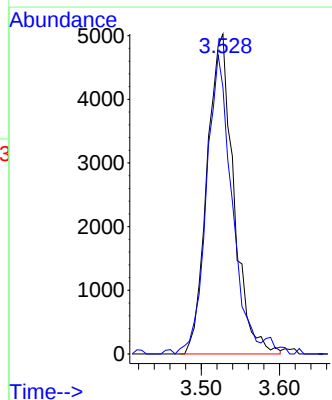
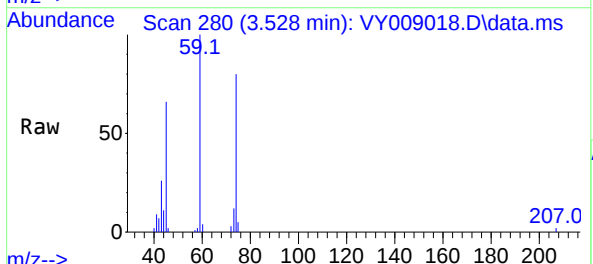
Manual Integrations
APPROVED

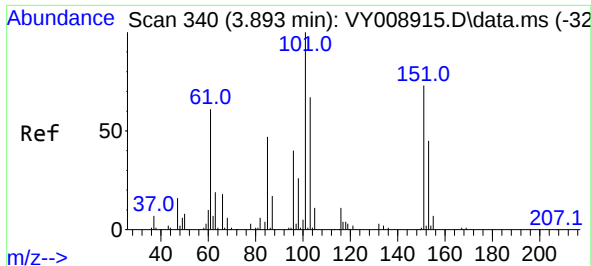
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#8
Diethyl Ether
Concen: 23.070 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 74 Resp: 11840
Ion Ratio Lower Upper
74 100
45 89.2 55.1 165.5





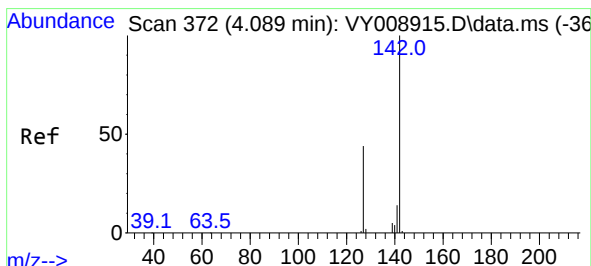
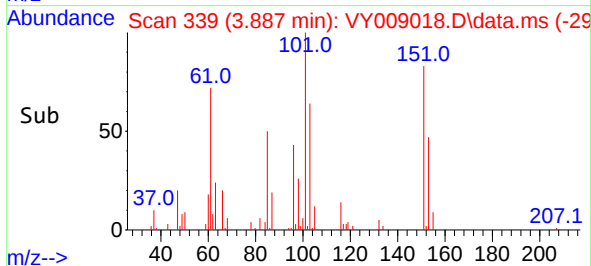
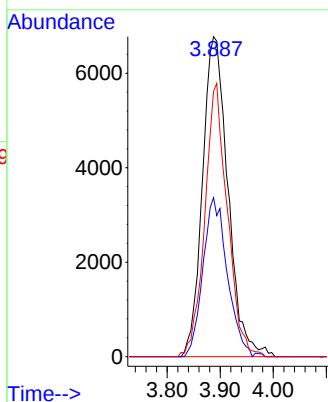
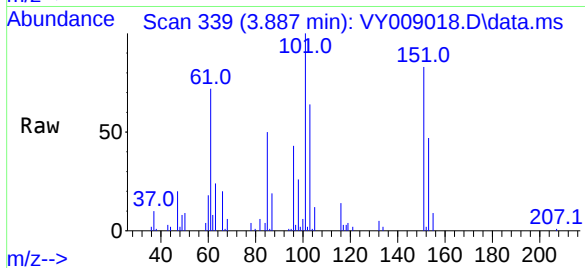
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.425 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Tgt Ion:101 Resp: 2262
Ion Ratio Lower Upper
101 100
85 47.6 40.6 60.8
151 75.7 64.9 97.3

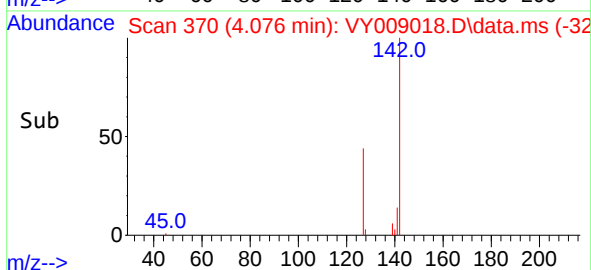
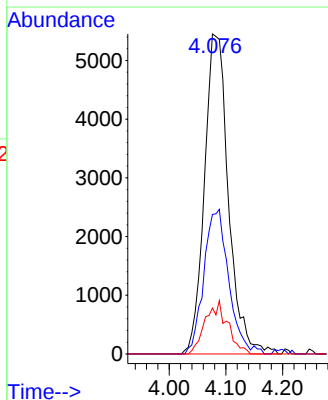
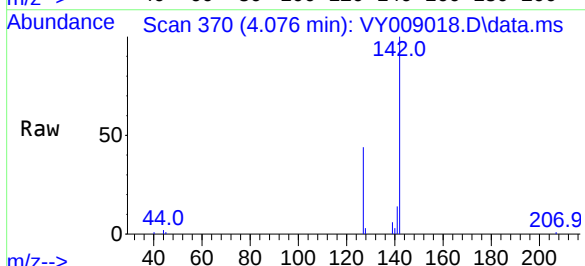
Manual Integrations
APPROVED

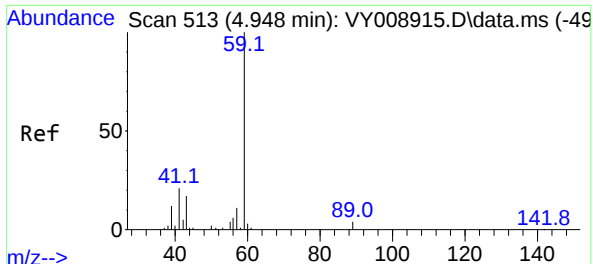
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 15.424 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.013 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

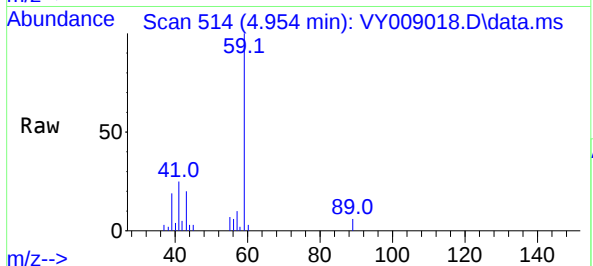
Tgt Ion:142 Resp: 16066
Ion Ratio Lower Upper
142 100
127 46.8 41.5 62.3
141 15.4 11.9 17.9





#11
Tert butyl alcohol
Concen: 101.469 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

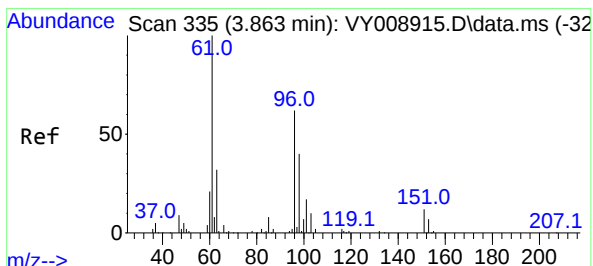
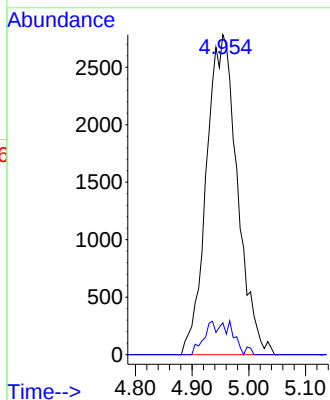
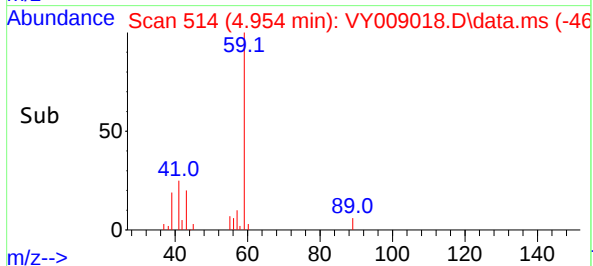
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



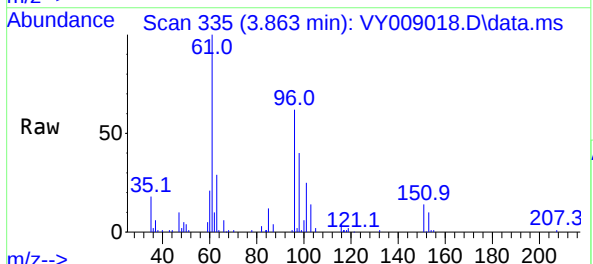
Tgt Ion: 59 Resp: 10540
Ion Ratio Lower Upper
59 100
57 4.2 6.4 9.6

Manual Integrations
APPROVED

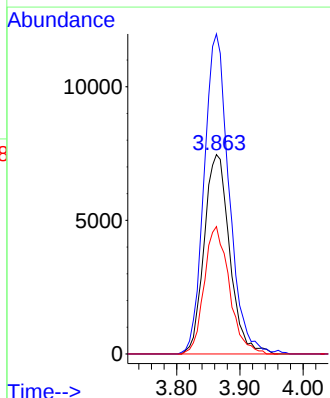
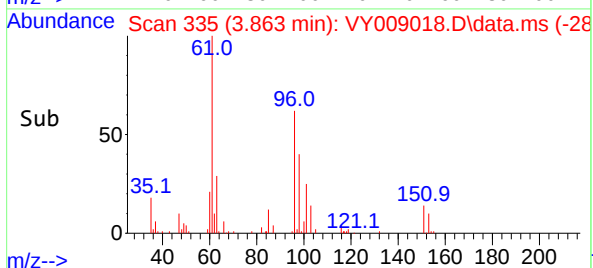
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

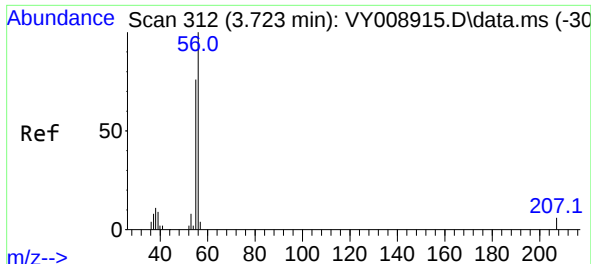


#12
1,1-Dichloroethene
Concen: 22.335 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



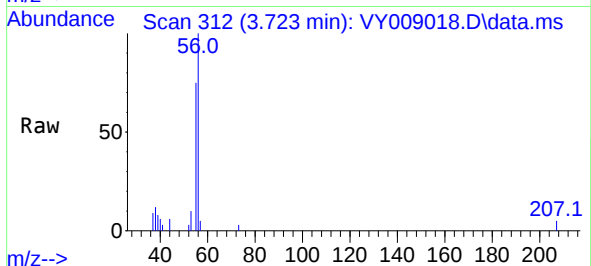
Tgt Ion: 96 Resp: 20915
Ion Ratio Lower Upper
96 100
61 160.5 145.8 218.6
98 63.9 52.5 78.7





#13
Acrolein
Concen: 150.510 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

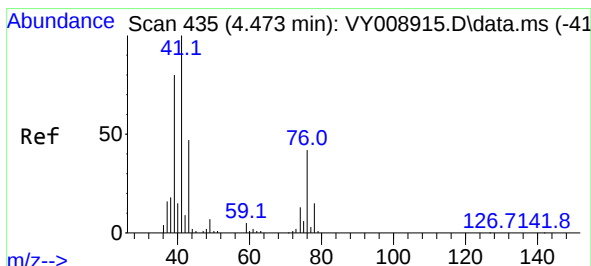
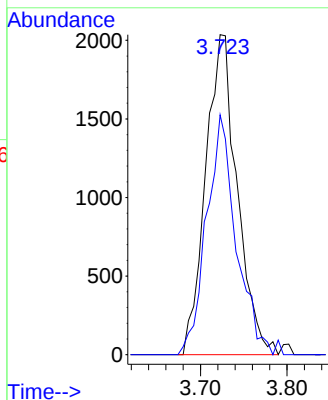
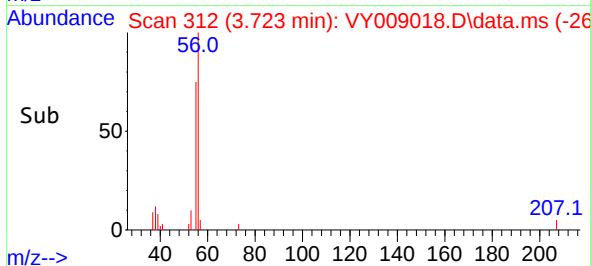
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



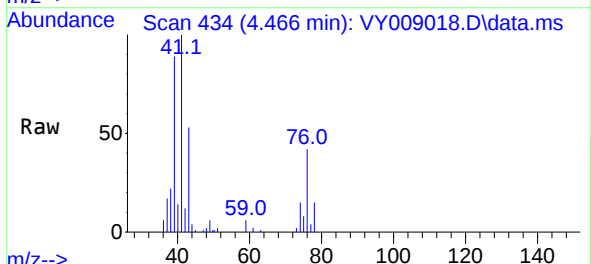
Tgt Ion: 56 Resp: 5149
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4

Manual Integrations
APPROVED

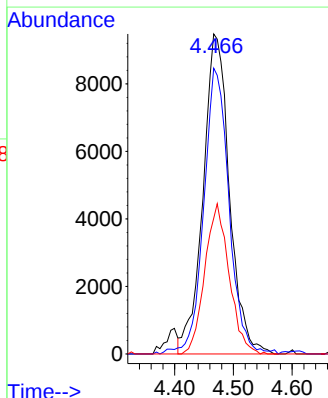
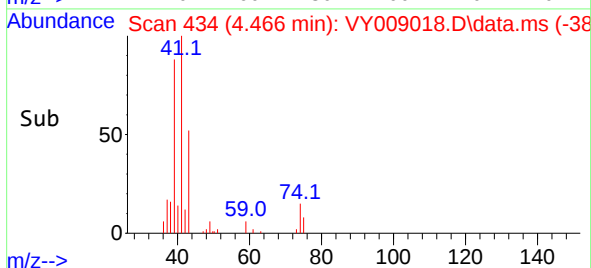
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

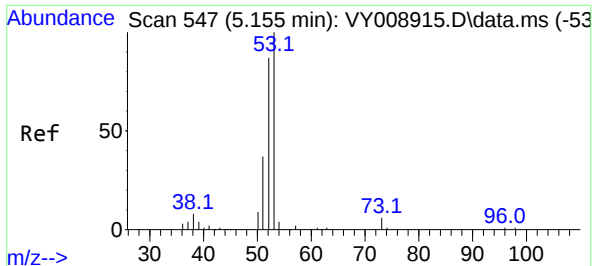


#14
Allyl chloride
Concen: 20.946 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



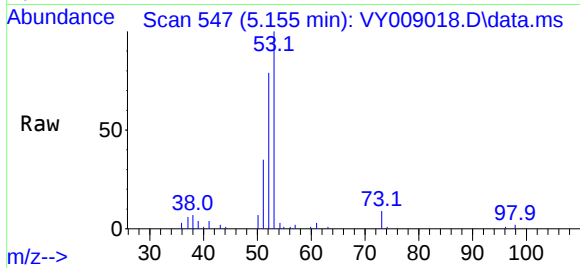
Tgt Ion: 41 Resp: 29560
Ion Ratio Lower Upper
41 100
39 85.8 58.8 88.2
76 43.4 25.1 37.7#





#15
Acrylonitrile
Concen: 115.683 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

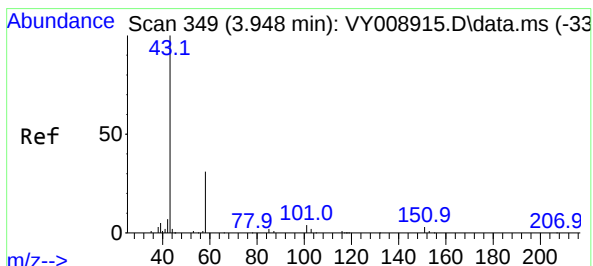
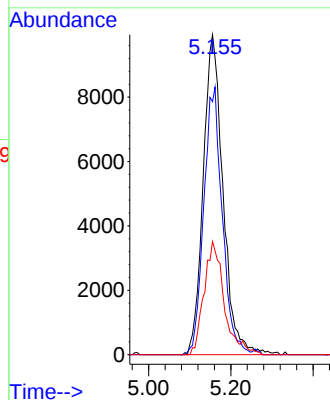
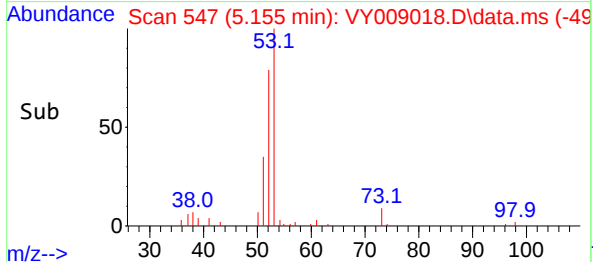
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



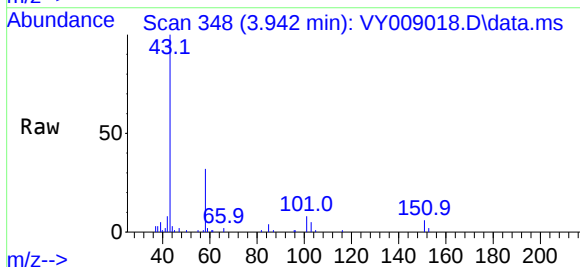
Tgt Ion: 53 Resp: 3324
Ion Ratio Lower Upper
53 100
52 78.0 67.0 100.4
51 36.0 29.8 44.6

Manual Integrations
APPROVED

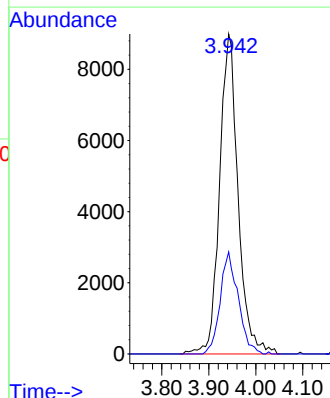
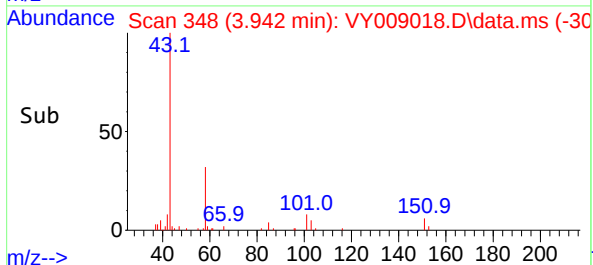
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

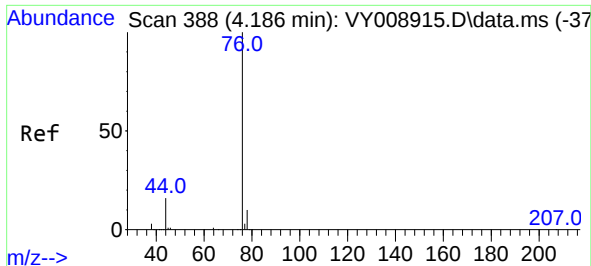


#16
Acetone
Concen: 115.430 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



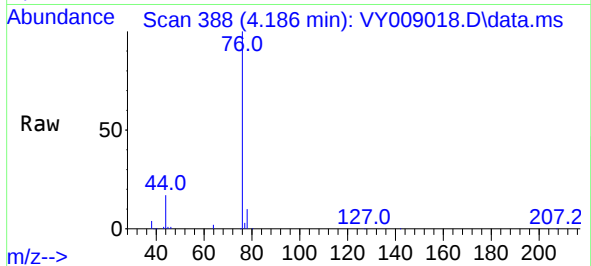
Tgt Ion: 43 Resp: 24620
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0





#17
Carbon Disulfide
Concen: 21.017 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

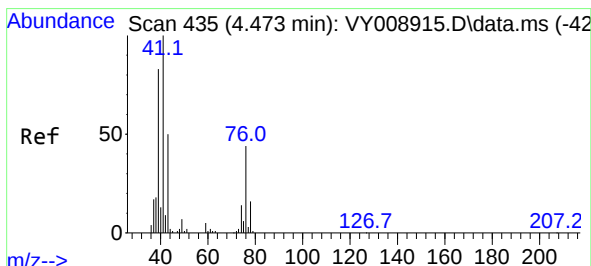
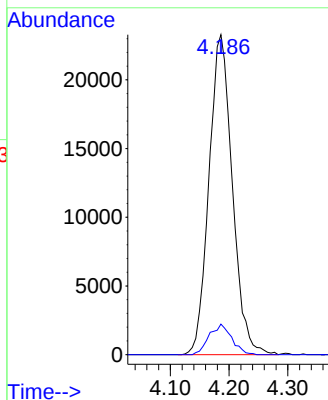
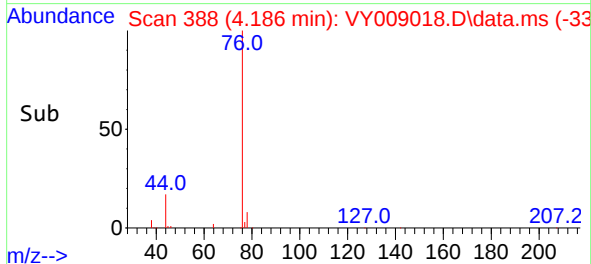
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



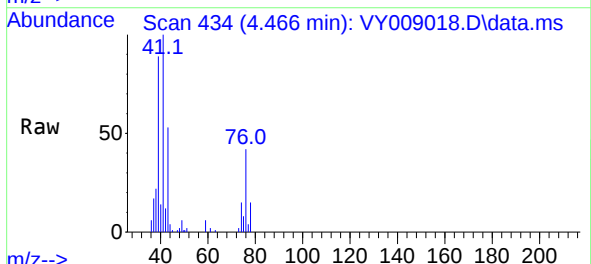
Tgt Ion: 76 Resp: 64299
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

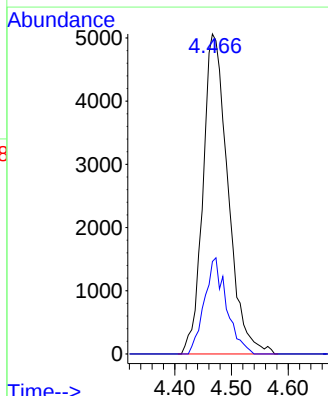
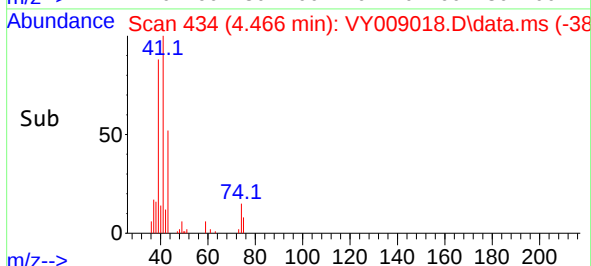
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

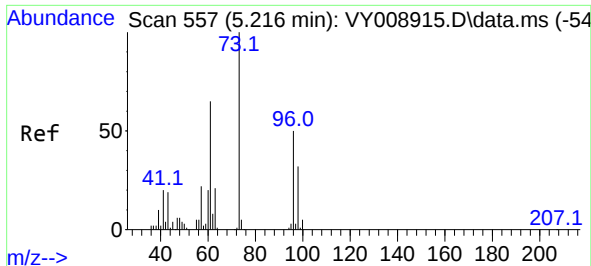


#18
Methyl Acetate
Concen: 23.334 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



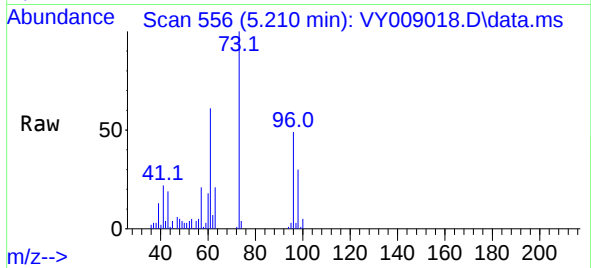
Tgt Ion: 43 Resp: 15498
Ion Ratio Lower Upper
43 100
74 26.6 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 21.857 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

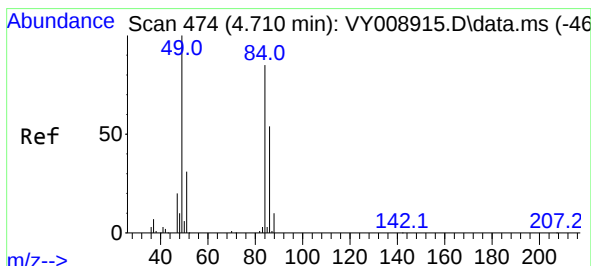
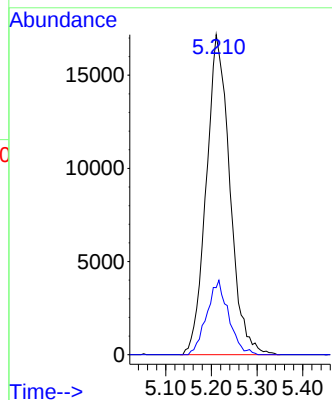
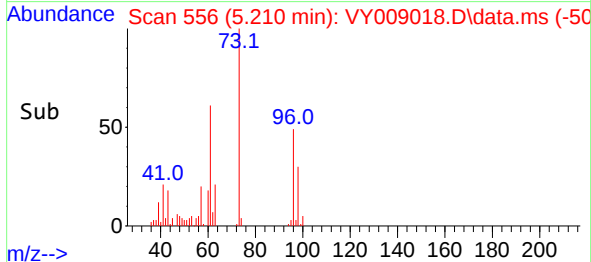
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



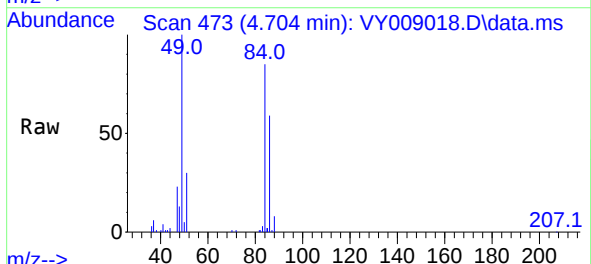
Tgt Ion: 73 Resp: 61434
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8

Manual Integrations
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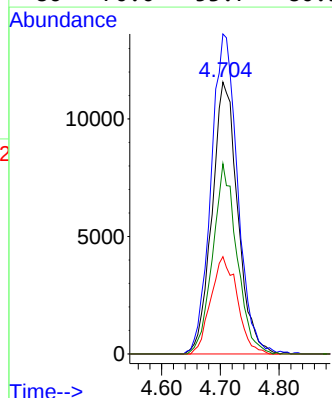
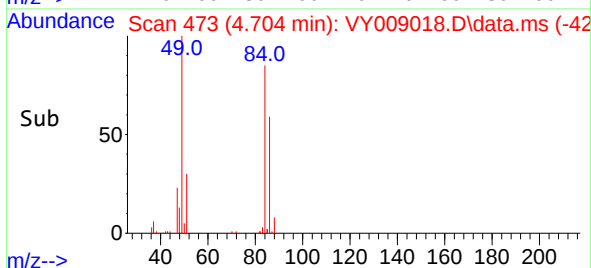
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

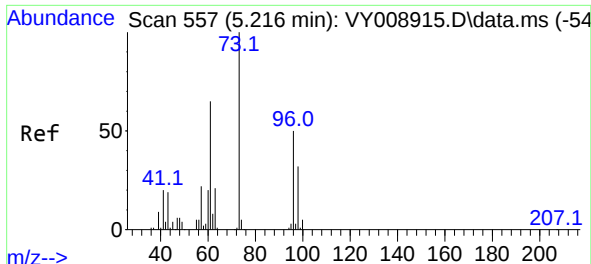


#20
Methylene Chloride
Concen: 25.642 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



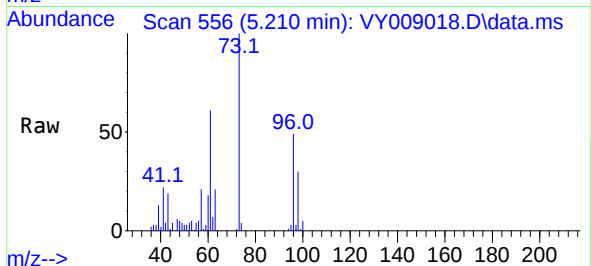
Tgt Ion: 84 Resp: 35237
Ion Ratio Lower Upper
84 100
49 117.7 114.4 171.6
51 35.8 35.3 52.9
86 70.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 21.652 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

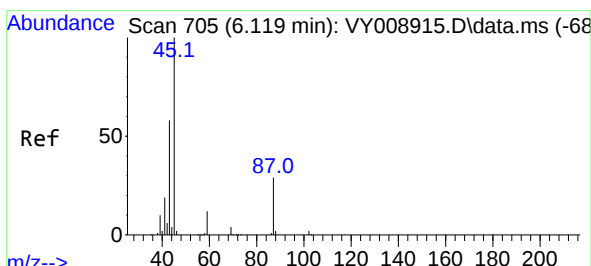
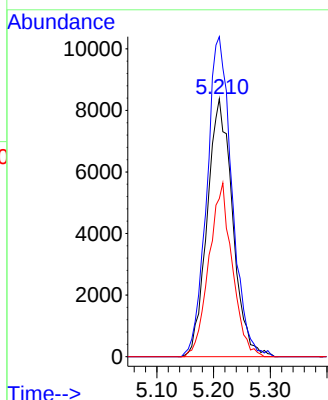
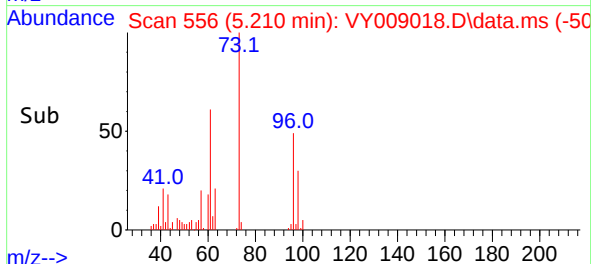
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



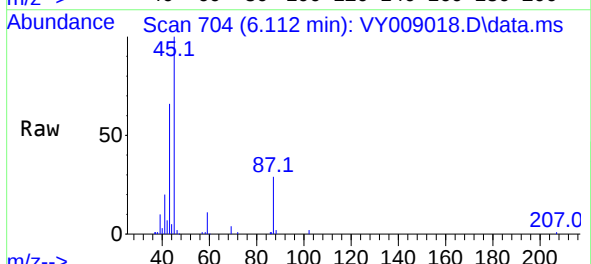
Tgt Ion: 96 Resp: 26024
Ion Ratio Lower Upper
96 100
61 124.1 120.5 180.7
98 61.3 49.8 74.8

Manual Integrations
APPROVED

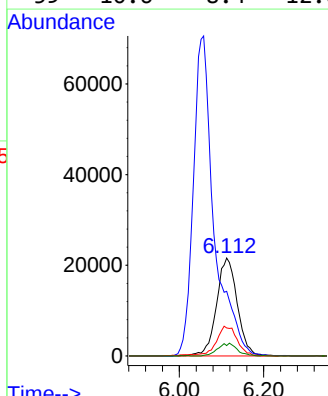
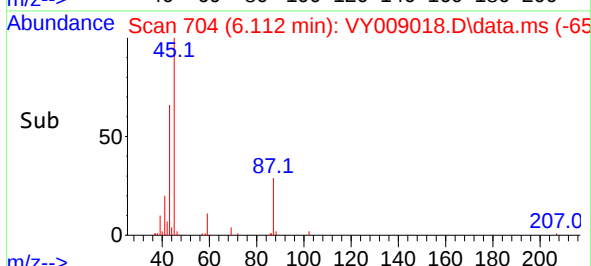
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

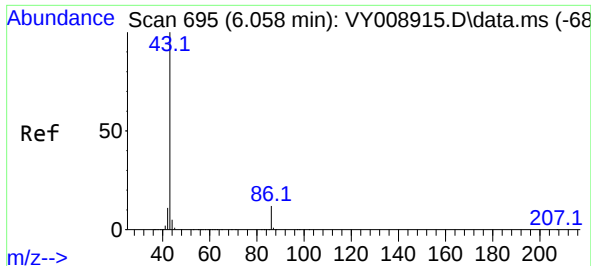


#22
Diisopropyl ether
Concen: 21.725 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



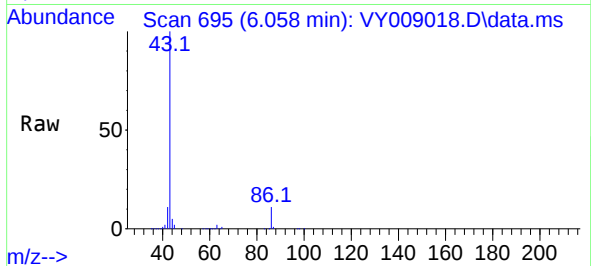
Tgt Ion: 45 Resp: 73658
Ion Ratio Lower Upper
45 100
43 65.9 49.3 73.9
87 28.6 19.2 28.8
59 10.6 8.4 12.6





#23
 Vinyl Acetate
 Concen: 107.688 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48

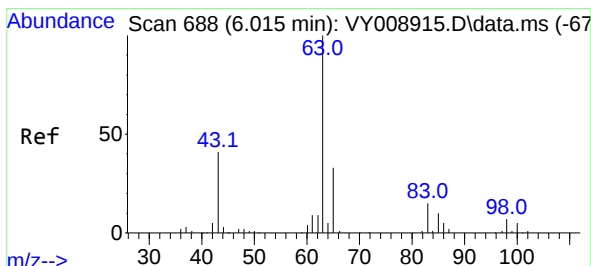
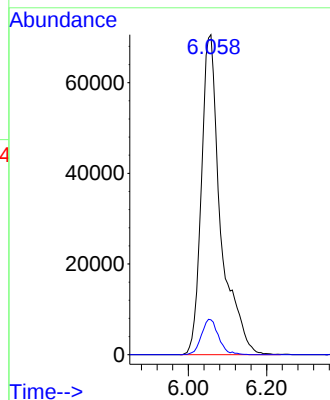
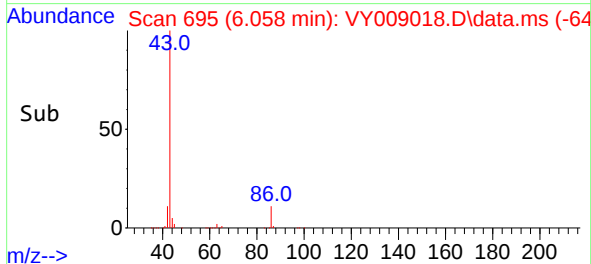
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01



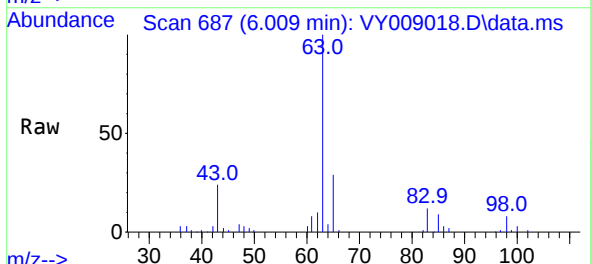
Tgt Ion: 43 Resp: 241514
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

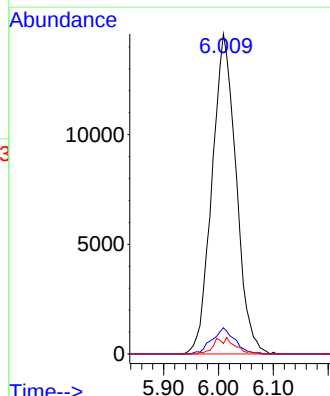
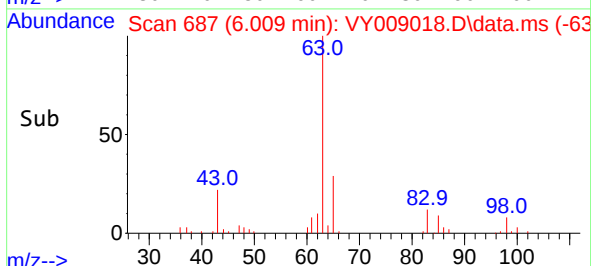
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

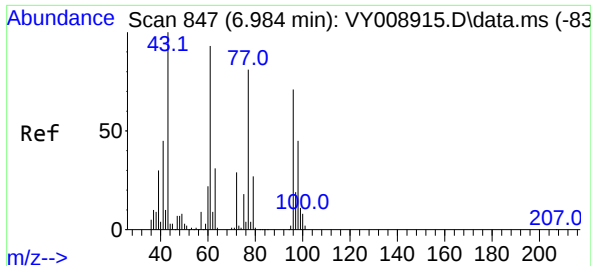


#24
 1,1-Dichloroethane
 Concen: 22.008 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48



Tgt Ion: 63 Resp: 44629
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 3.2 2.0 5.8





#25

2-Butanone

Concen: 109.650 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

Tgt Ion: 43 Resp: 41772

Ion Ratio Lower Upper

43 100

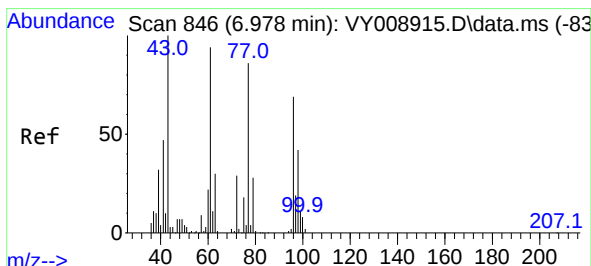
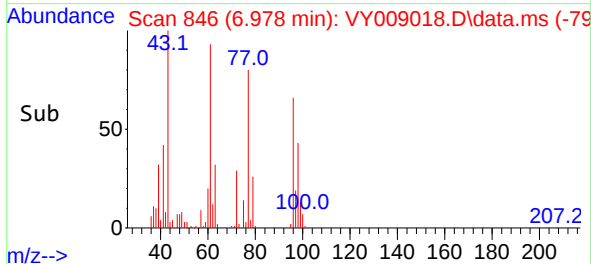
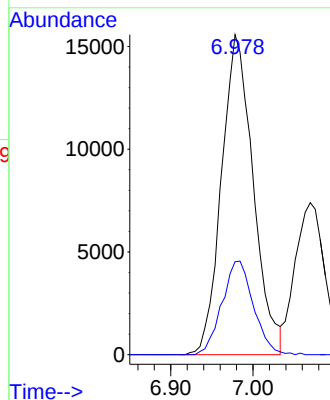
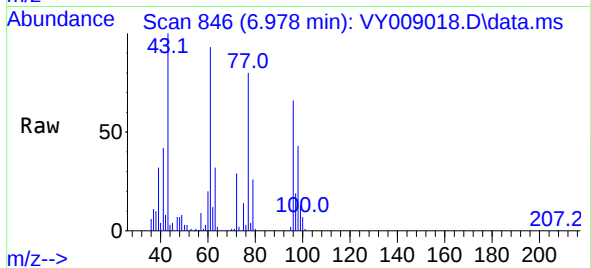
72 29.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 20.794 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009018.D

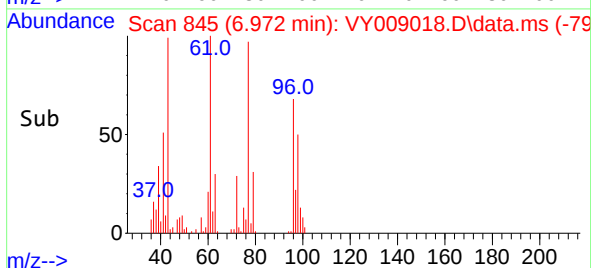
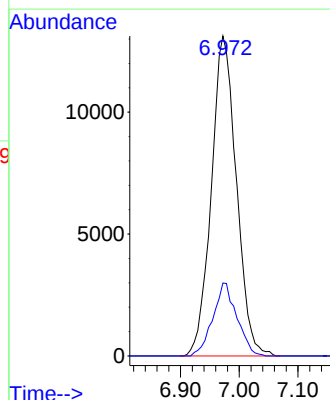
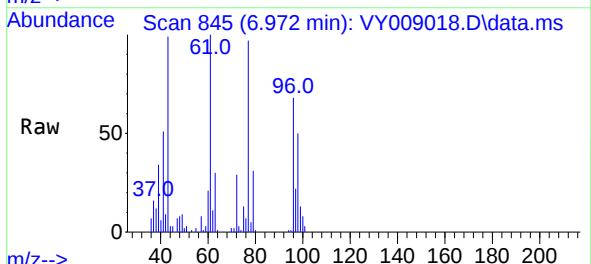
Acq: 23 May 2022 19:48

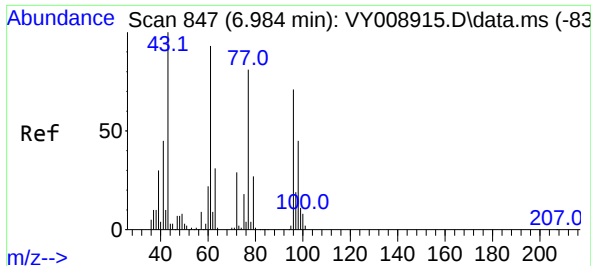
Tgt Ion: 77 Resp: 38844

Ion Ratio Lower Upper

77 100

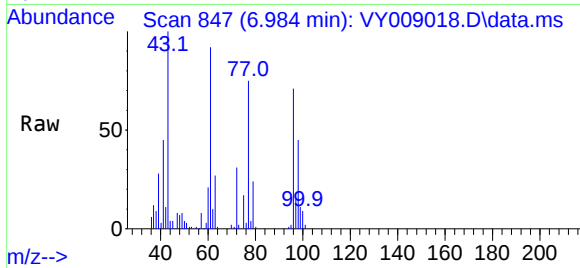
97 21.8 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 21.059 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48

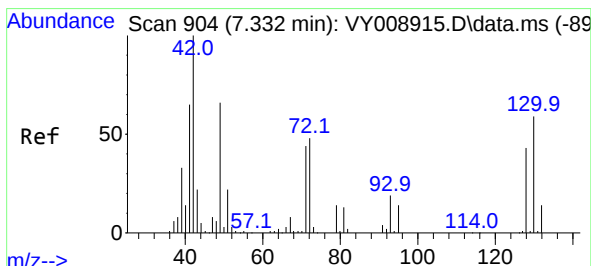
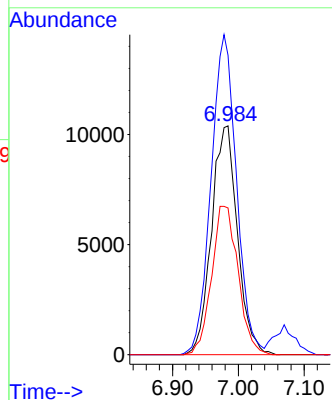
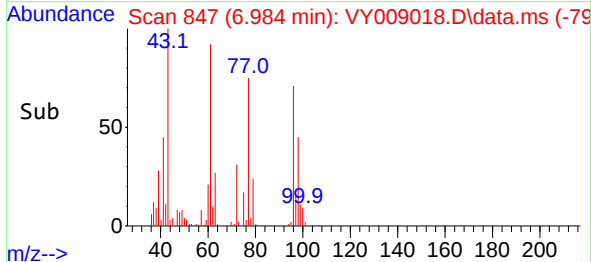
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01



Tgt Ion: 96 Resp: 2853
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 319.8
 98 66.2 0.0 127.0

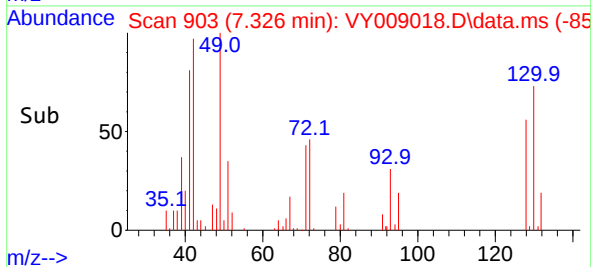
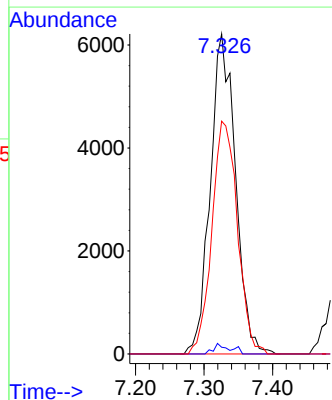
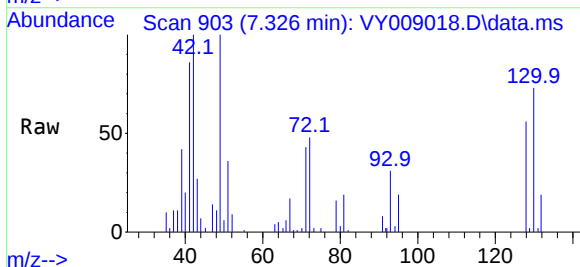
Manual Integrations
 APPROVED

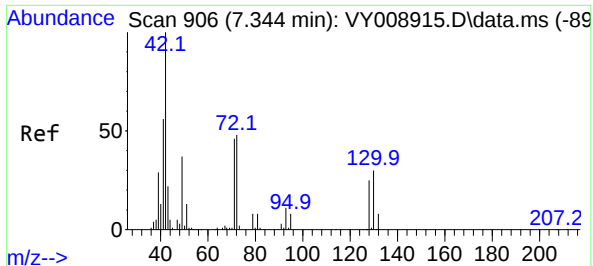
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#28
 Bromochloromethane
 Concen: 22.777 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48

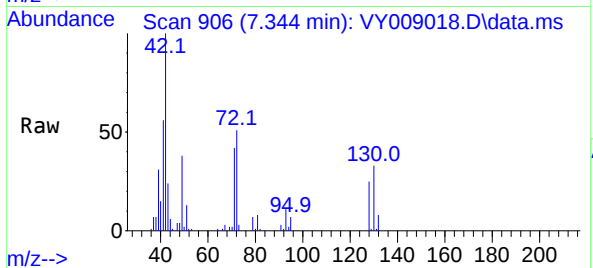
Tgt Ion: 49 Resp: 15854
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 73.7 55.4 83.0





#29
Tetrahydrofuran
Concen: 107.946 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

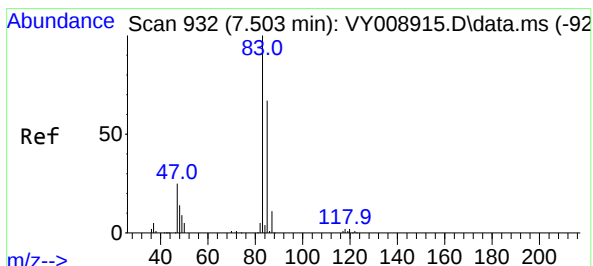
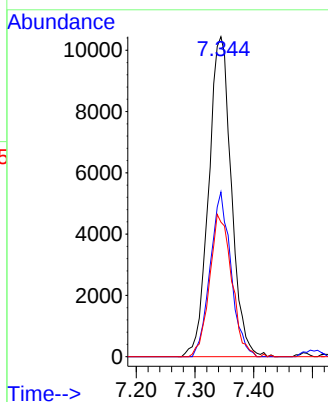
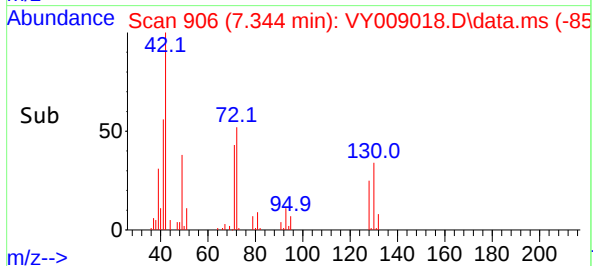
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



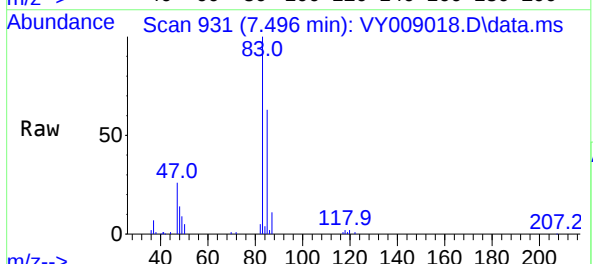
Tgt Ion: 42 Resp: 27934
Ion Ratio Lower Upper
42 100
72 47.0 30.3 45.5
71 43.4 29.0 43.4

Manual Integrations
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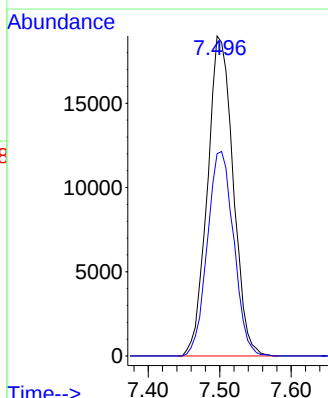
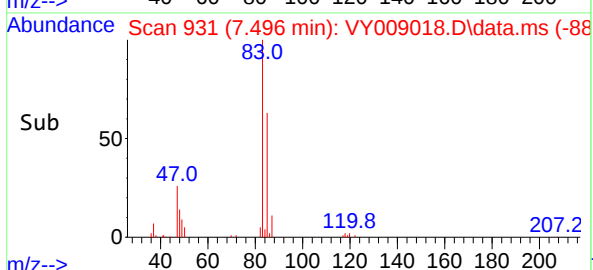
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

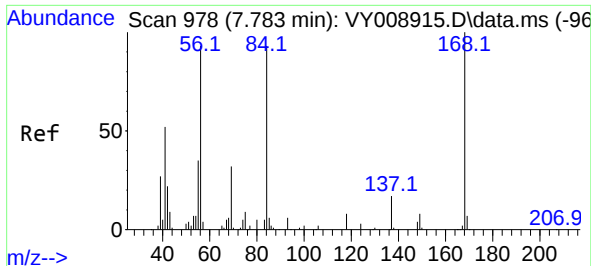


#30
Chloroform
Concen: 21.690 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.007 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



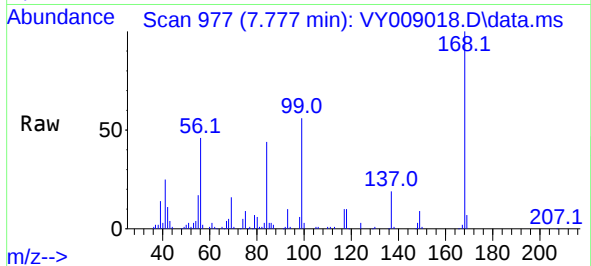
Tgt Ion: 83 Resp: 47479
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6





#31
Cyclohexane
Concen: 20.604 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

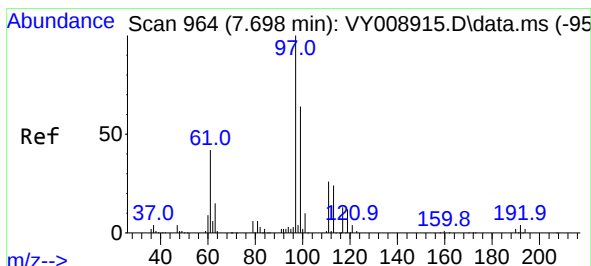
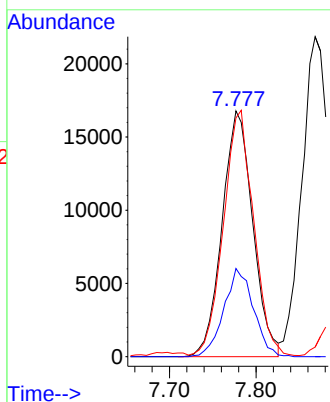
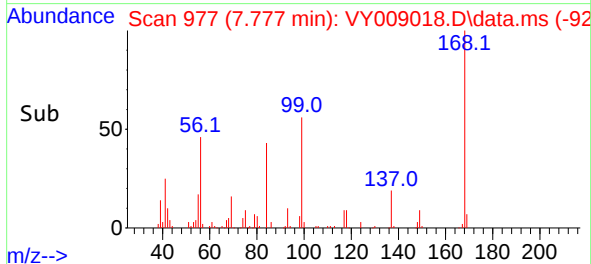
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



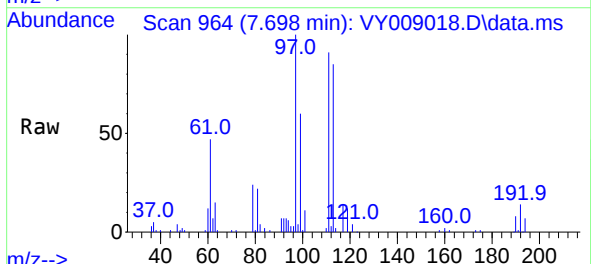
Tgt Ion: 56 Resp: 4130
Ion Ratio Lower Upper
56 100
69 35.9 26.7 40.1
84 95.7 67.2 100.8

Manual Integrations
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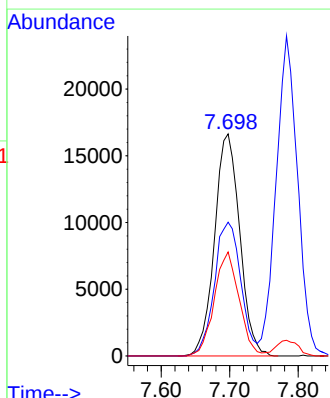
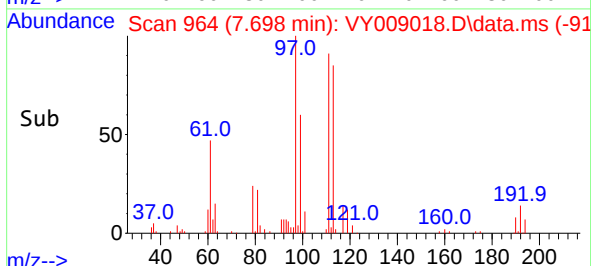
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

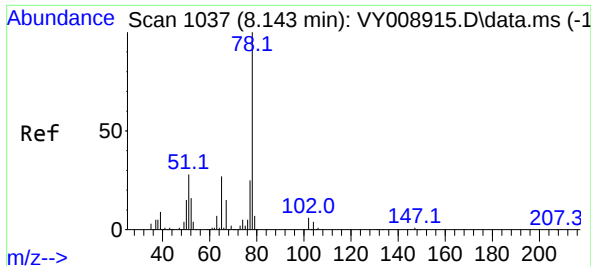


#32
1,1,1-Trichloroethane
Concen: 21.363 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion: 97 Resp: 42427
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 46.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.852 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

Tgt Ion: 65 Resp: 4800

Ion Ratio Lower Upper

65 100

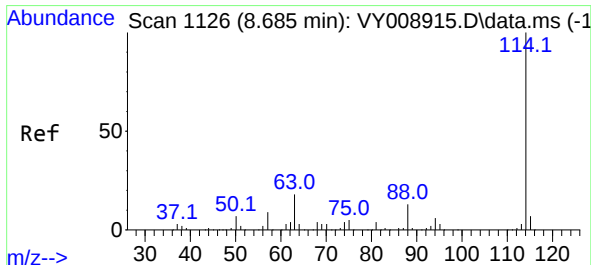
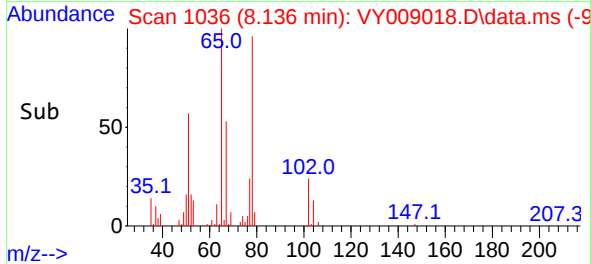
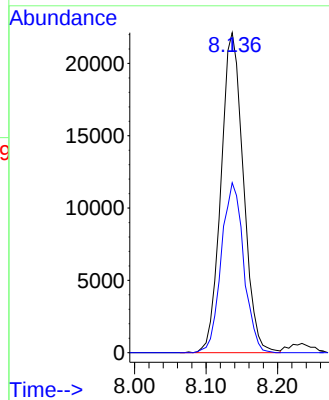
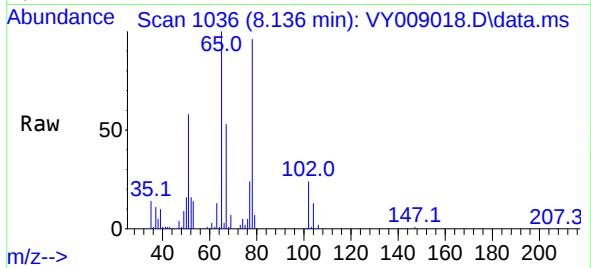
67 53.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

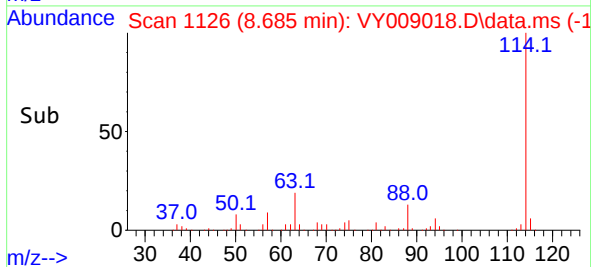
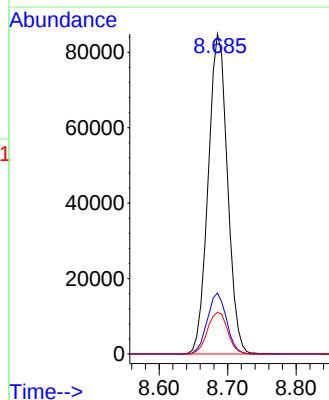
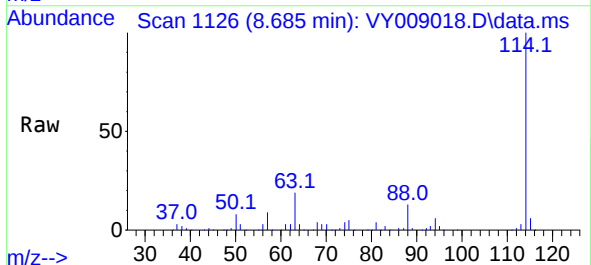
Tgt Ion:114 Resp: 165928

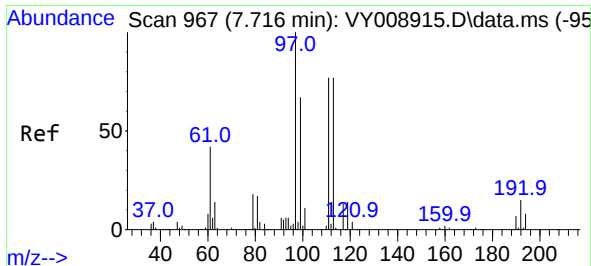
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

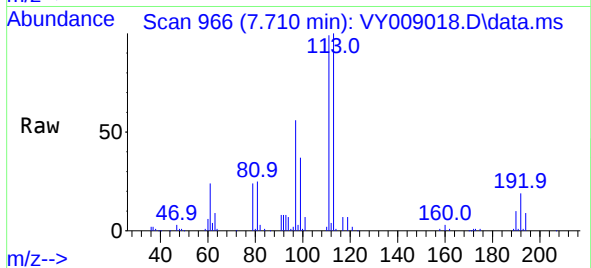
88 13.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.935 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

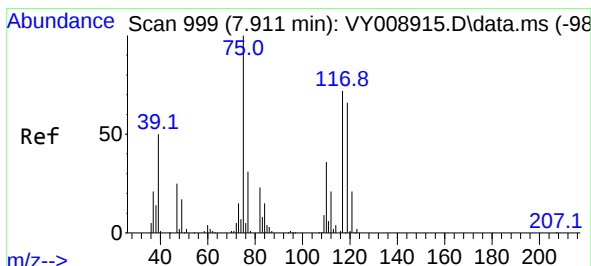
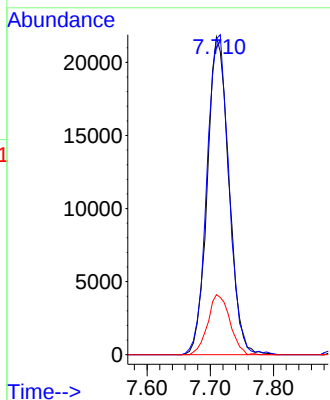
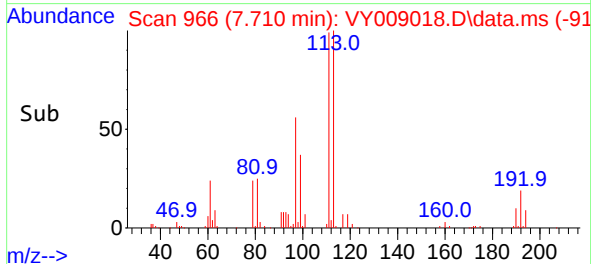
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



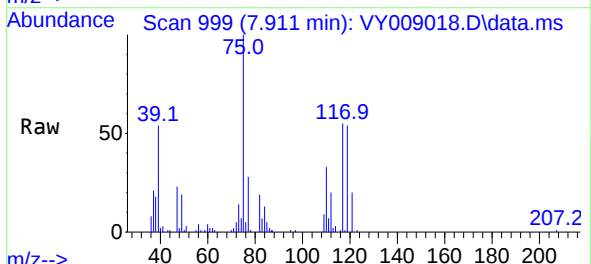
Tgt Ion:113 Resp: 5152
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.3 17.6 26.4

Manual Integrations
APPROVED

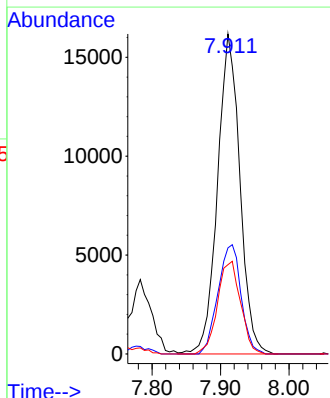
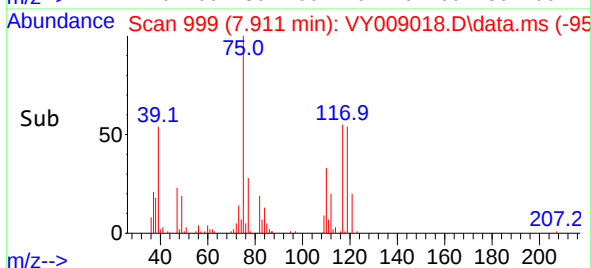
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

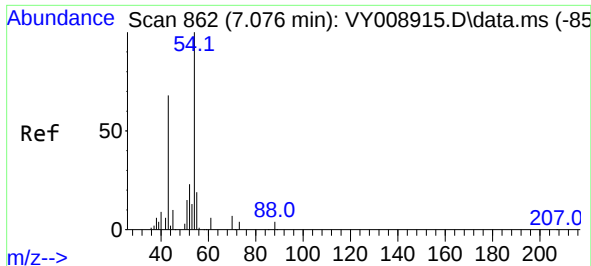


#36
1,1-Dichloropropene
Concen: 20.863 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



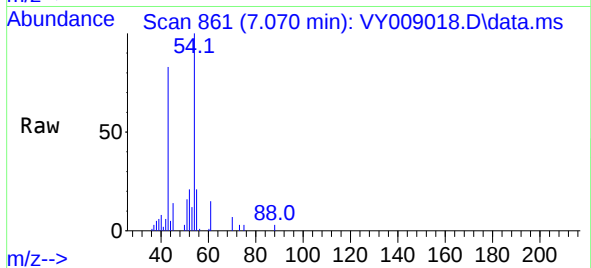
Tgt Ion: 75 Resp: 36635
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 29.8 24.4 36.6





#37
Ethyl Acetate
Concen: 21.783 ug/l
RT: 7.070 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

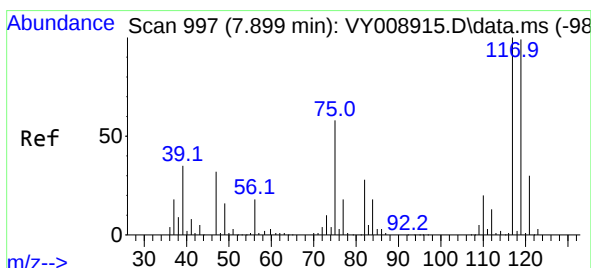
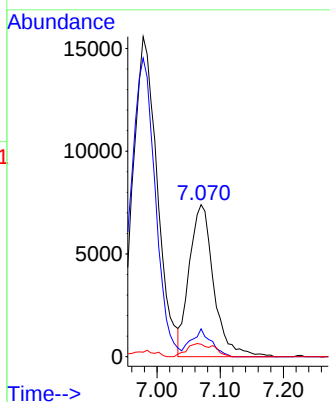
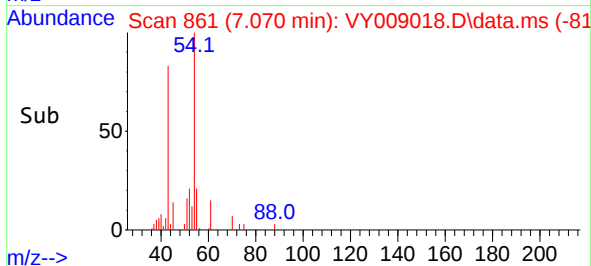
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5
70 9.6 7.1 10.7

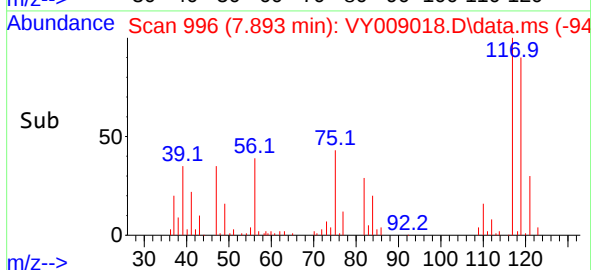
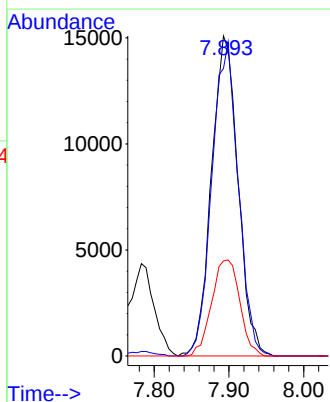
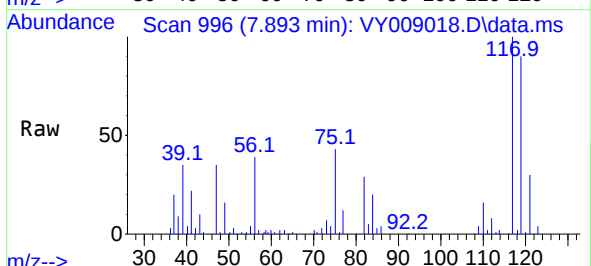
Manual Integrations
APPROVED

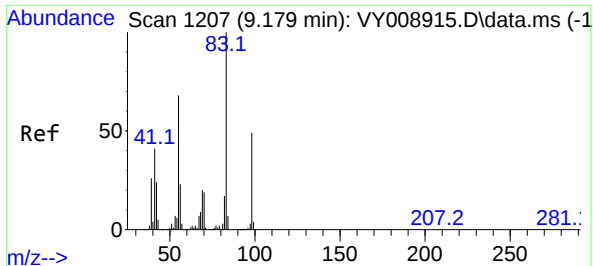
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 20.311 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:117 Resp: 37308
Ion Ratio Lower Upper
117 100
119 89.9 77.9 116.9
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.633 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

Tgt Ion: 83 Resp: 44498

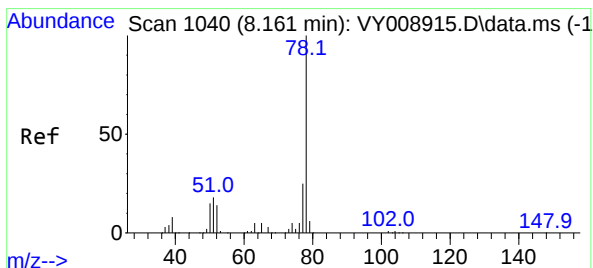
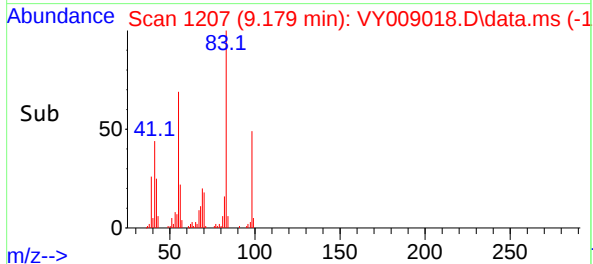
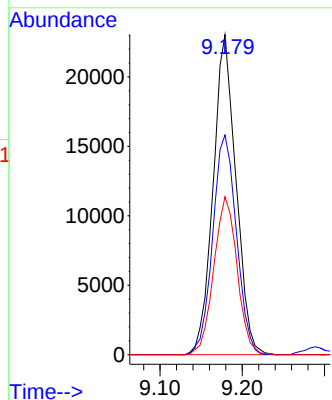
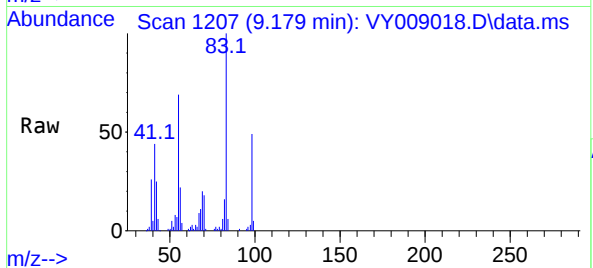
Ion	Ratio	Lower	Upper
83	100		
55	68.6	66.5	99.7
98	49.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 20.850 ug/l

RT: 8.155 min Scan# 1039

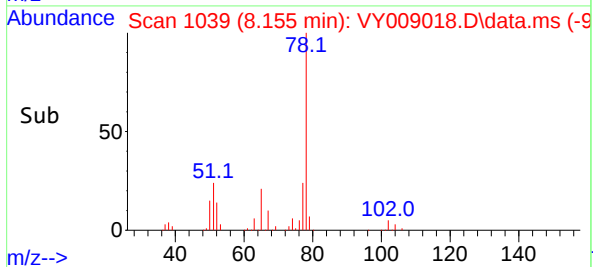
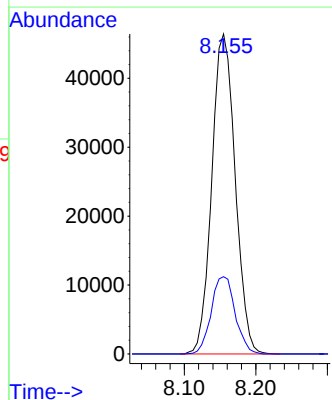
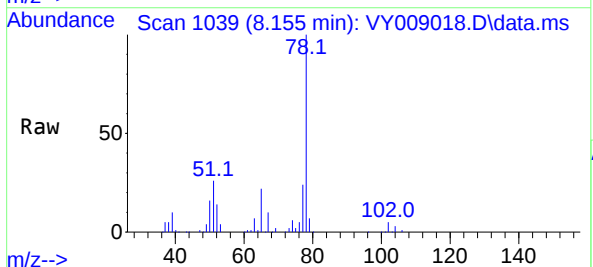
Delta R.T. -0.006 min

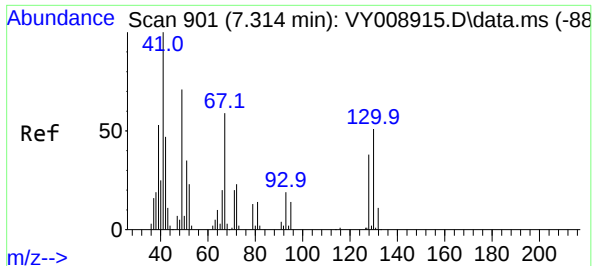
Lab File: VY009018.D

Acq: 23 May 2022 19:48

Tgt Ion: 78 Resp: 105572

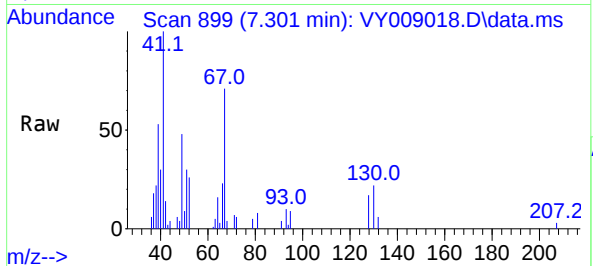
Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.4	30.6





#41
Methacrylonitrile
Concen: 19.756 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.013 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

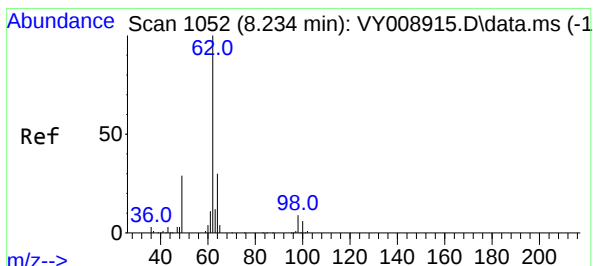
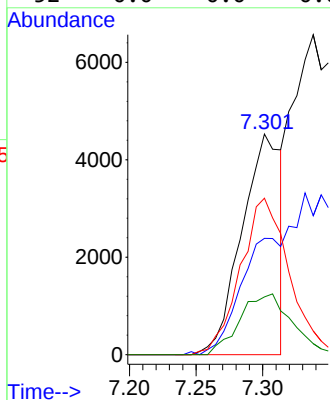
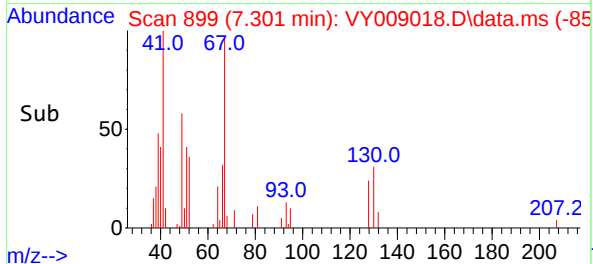
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



Tgt Ion: 41 Resp: 9280
Ion Ratio Lower Upper
41 100
39 152.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

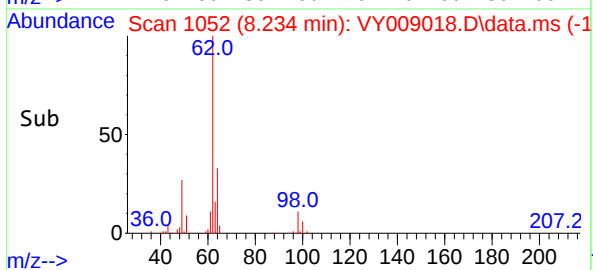
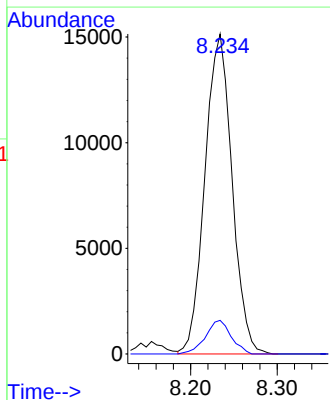
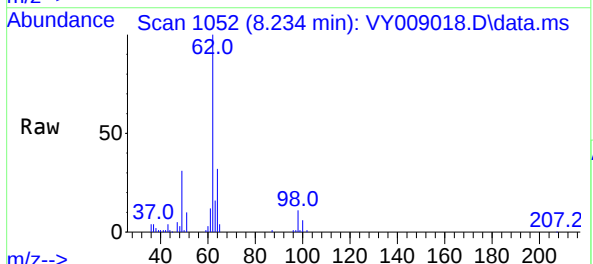
Manual Integrations
APPROVED

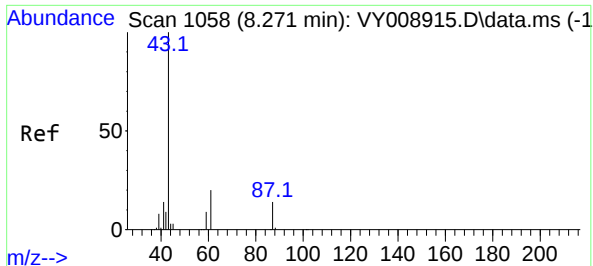
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 22.150 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 62 Resp: 32933
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 22.041 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

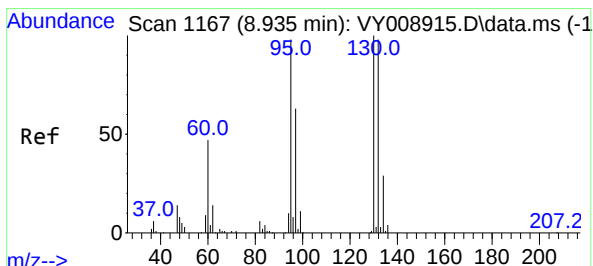
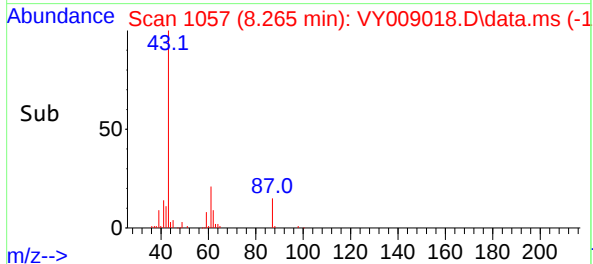
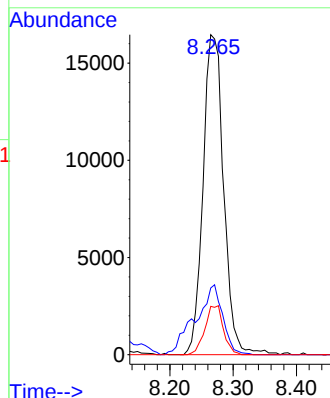
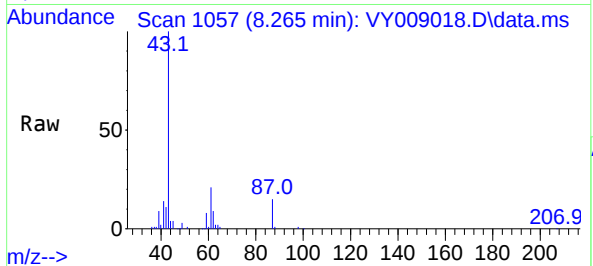
Tgt Ion:	43	Resp:	37330
Ion Ratio	Lower	Upper	
43	100		
61	29.0	20.2	30.2
87	13.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#44

Trichloroethene

Concen: 20.829 ug/l

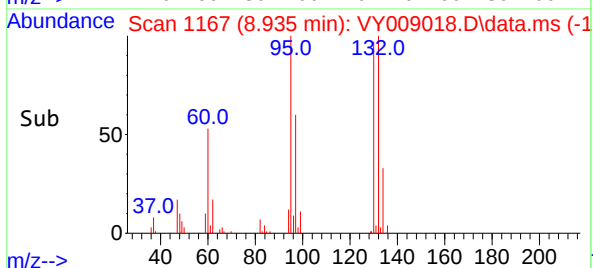
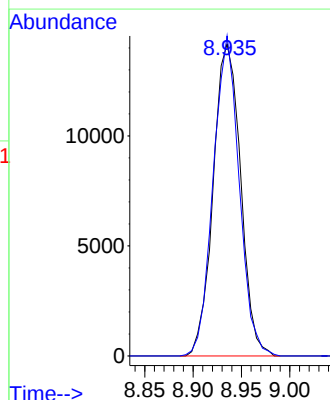
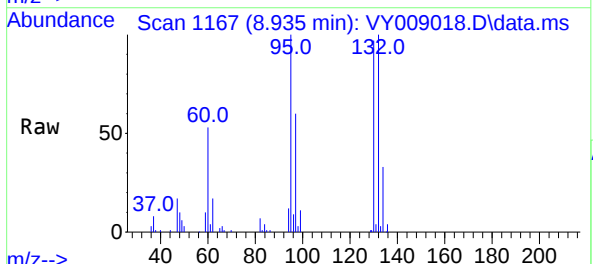
RT: 8.935 min Scan# 1167

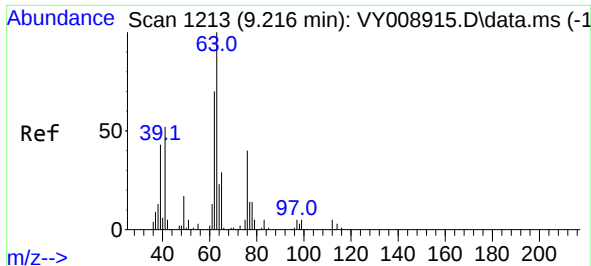
Delta R.T. 0.000 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Tgt Ion:	130	Resp:	27925
Ion Ratio	Lower	Upper	
130	100		
95	102.6	0.0	188.2





#45

1,2-Dichloropropane

Concen: 22.175 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

Tgt Ion: 63 Resp: 26960

Ion Ratio Lower Upper

63 100

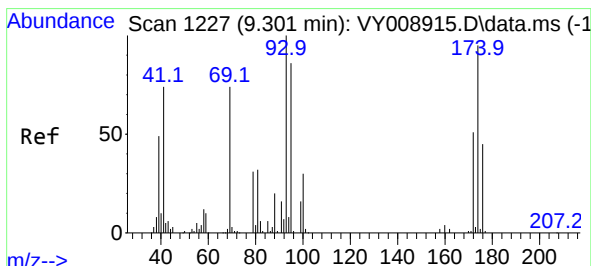
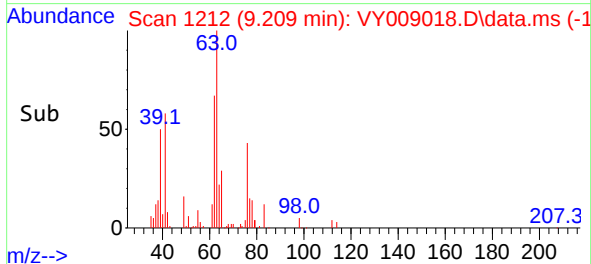
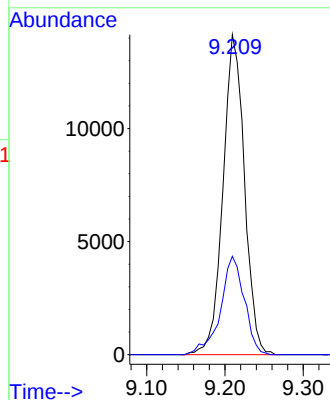
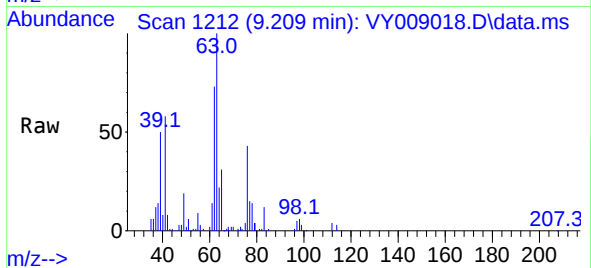
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 21.426 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

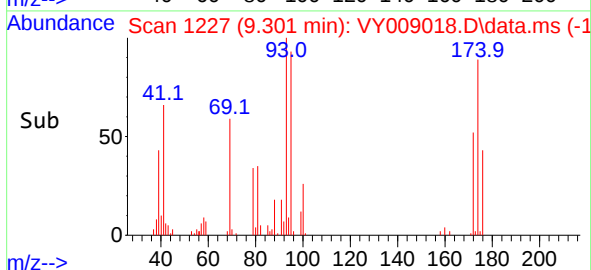
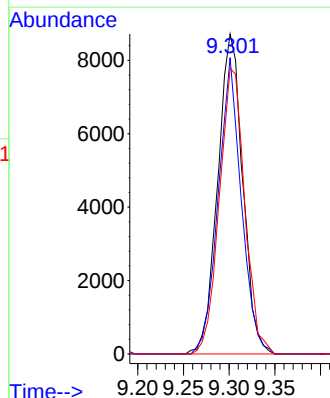
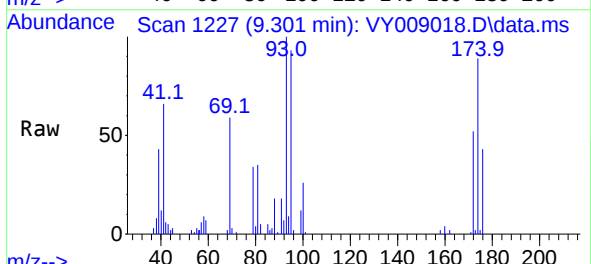
Tgt Ion: 93 Resp: 16564

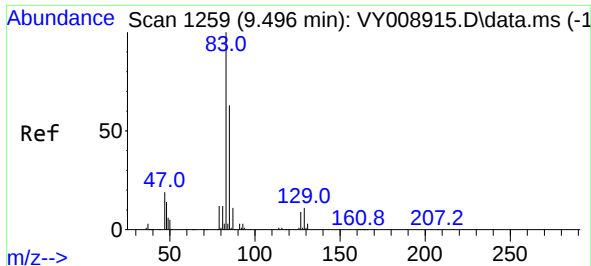
Ion Ratio Lower Upper

93 100

95 85.2 64.3 96.5

174 90.3 83.4 125.0





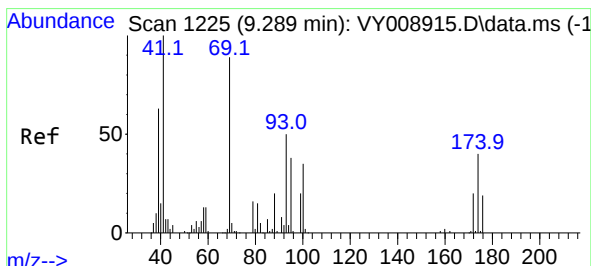
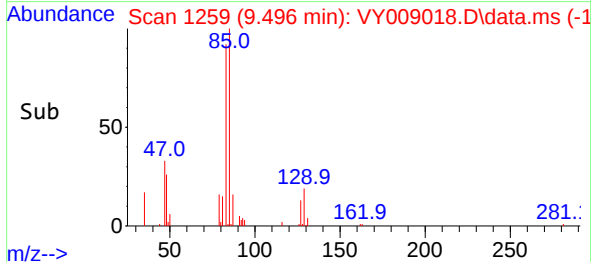
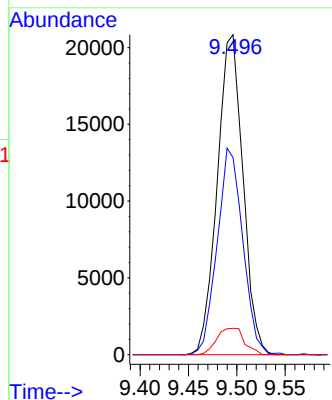
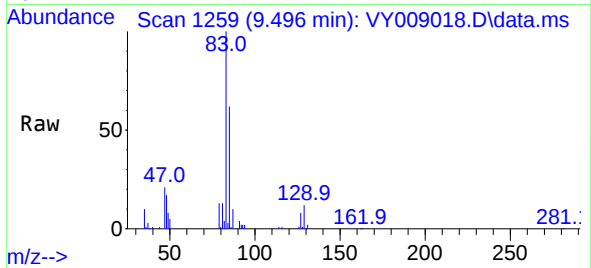
#47
Bromodichloromethane
Concen: 21.800 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Tgt Ion: 83 Resp: 38510
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9
127 8.3 6.6 10.0

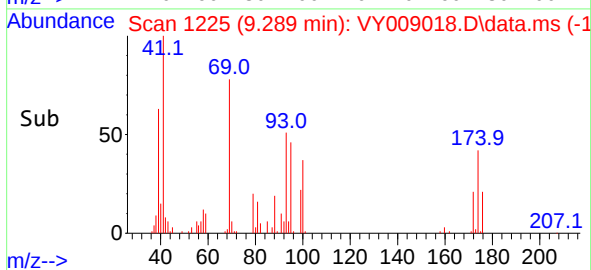
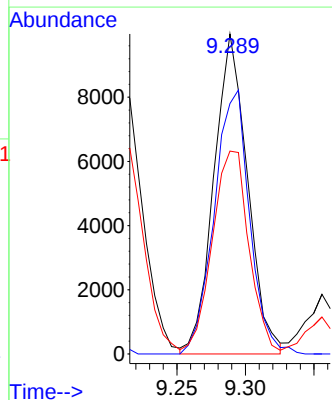
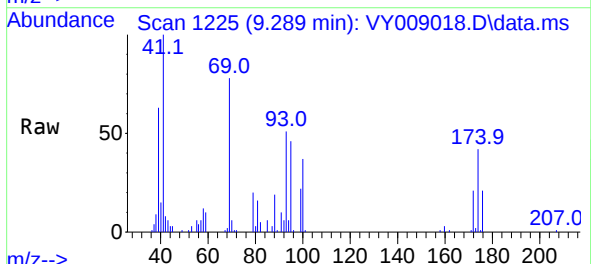
Manual Integrations
APPROVED

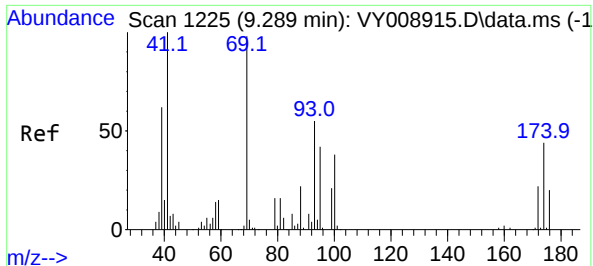
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 22.474 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 41 Resp: 16996
Ion Ratio Lower Upper
41 100
69 86.8 58.2 87.2
39 67.2 47.4 71.0





#49

1,4-Dioxane

Concen: 406.411 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009018.D

Acq: 23 May 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBSD01

Tgt Ion: 88 Resp: 4200

Ion Ratio Lower Upper

88 100

43 37.5 32.8 49.2

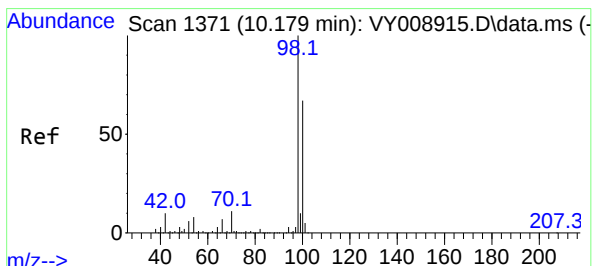
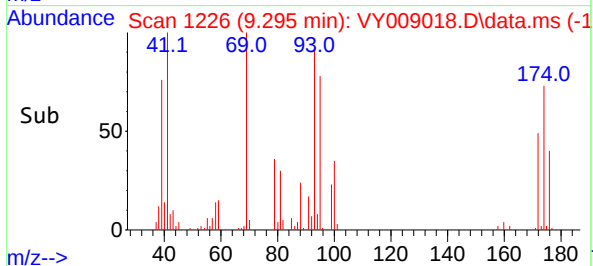
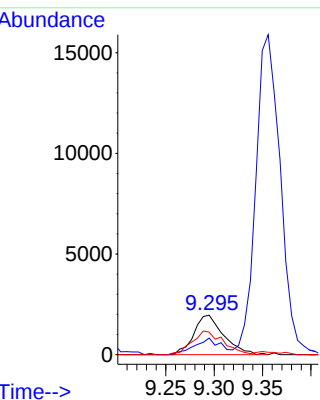
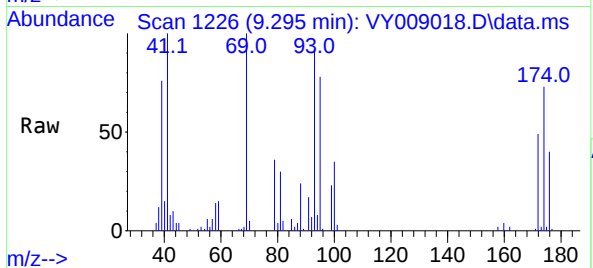
58 62.5 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#50

Toluene-d8

Concen: 43.729 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009018.D

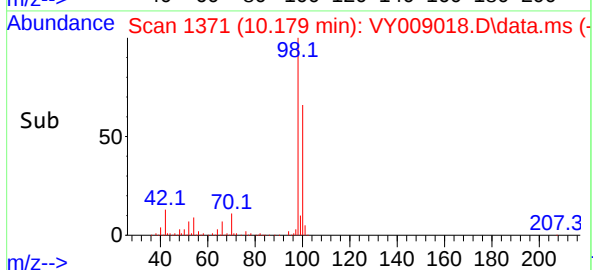
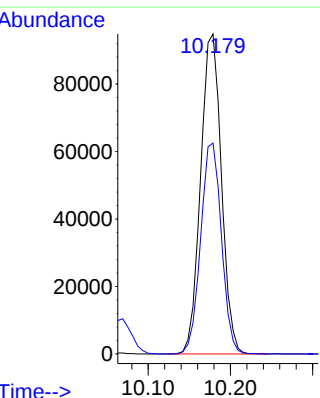
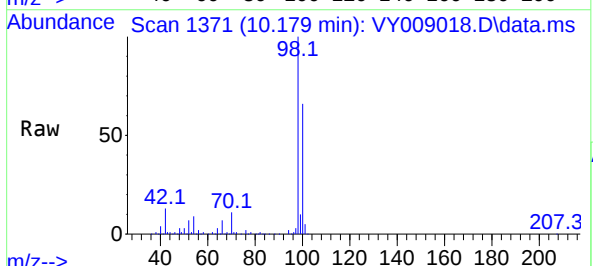
Acq: 23 May 2022 19:48

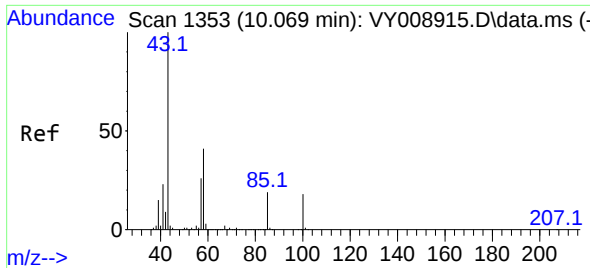
Tgt Ion: 98 Resp: 166453

Ion Ratio Lower Upper

98 100

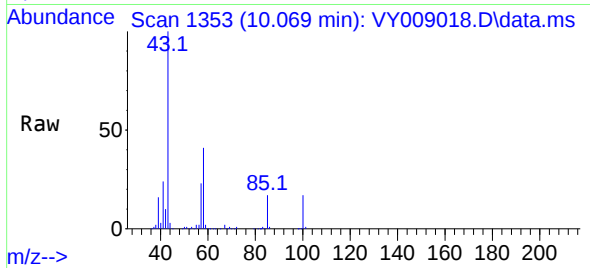
100 65.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 109.386 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

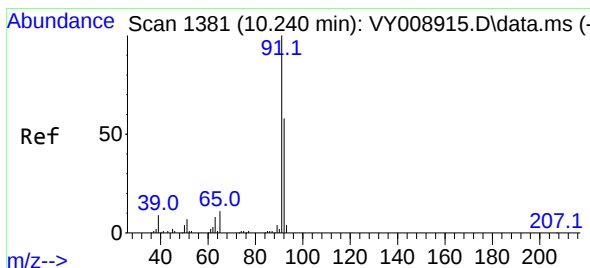
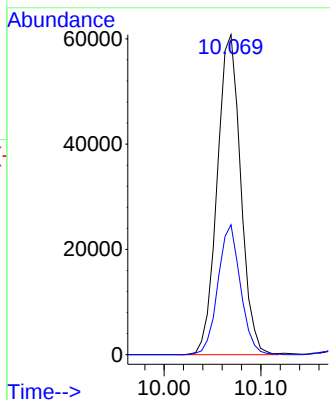
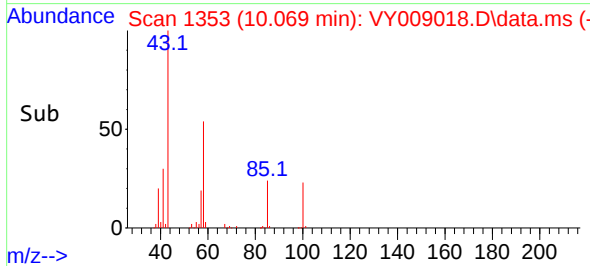
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



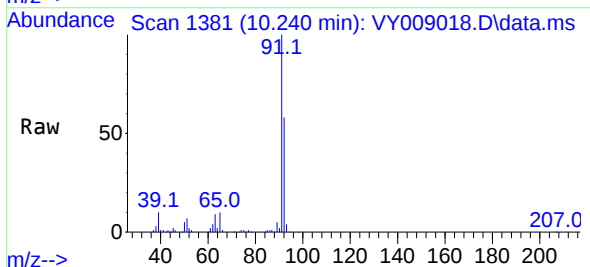
Tgt Ion: 43 Resp: 102530
Ion Ratio Lower Upper
43 100
58 38.9 28.1 42.1

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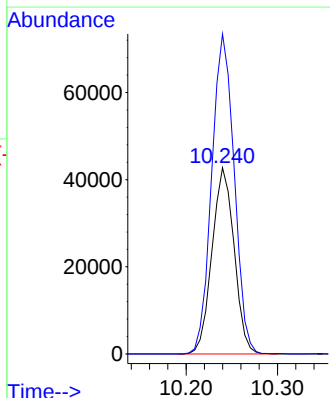
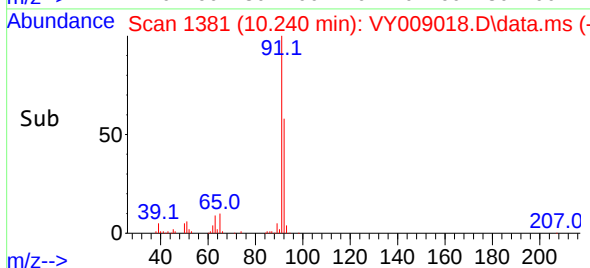
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

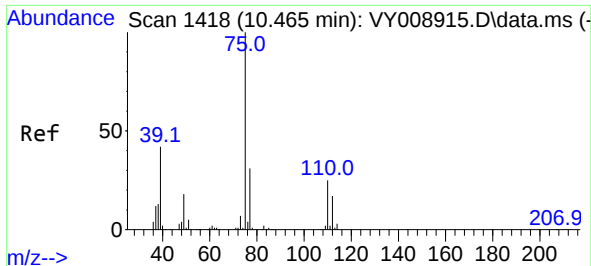


#52
Toluene
Concen: 20.280 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



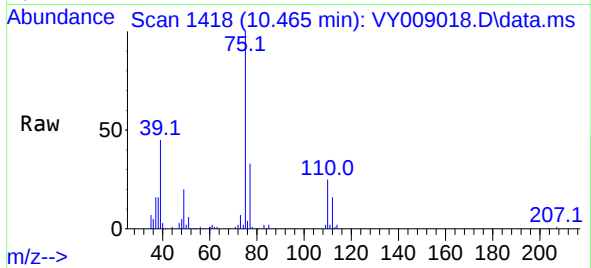
Tgt Ion: 92 Resp: 71763
Ion Ratio Lower Upper
92 100
91 174.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 20.410 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

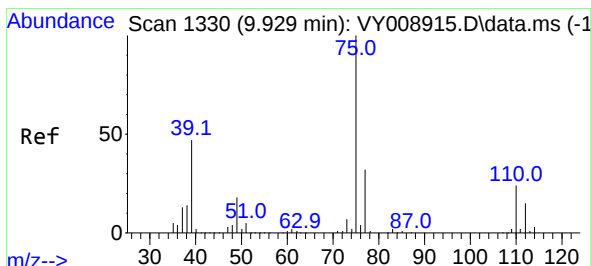
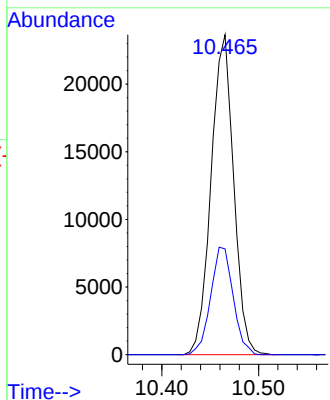
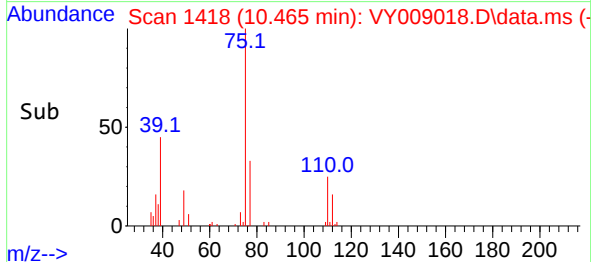
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



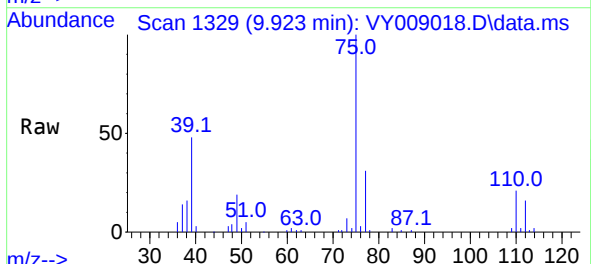
Tgt Ion: 75 Resp: 3829
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

Manual Integrations
APPROVED

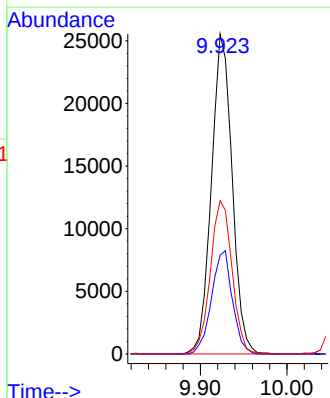
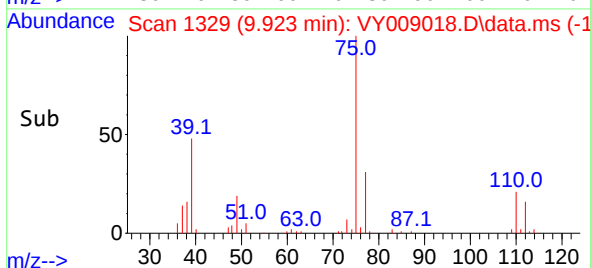
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

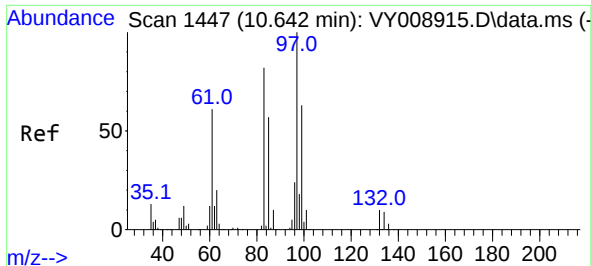


#54
cis-1,3-Dichloropropene
Concen: 21.044 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



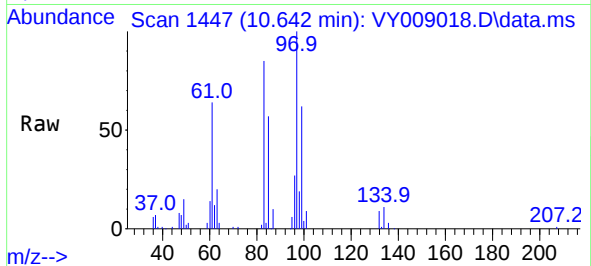
Tgt Ion: 75 Resp: 42445
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 47.9 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 21.079 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

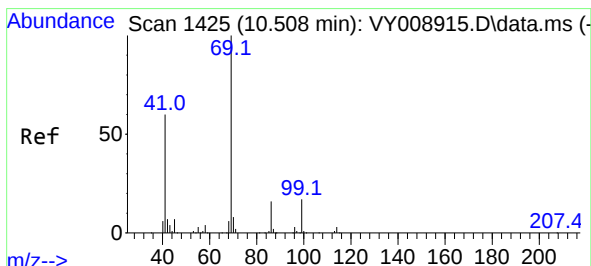
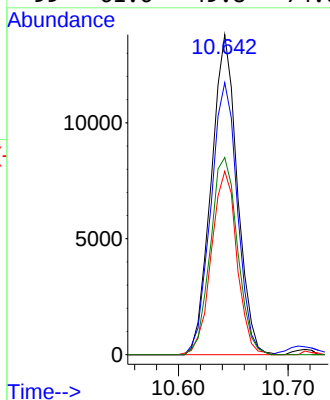
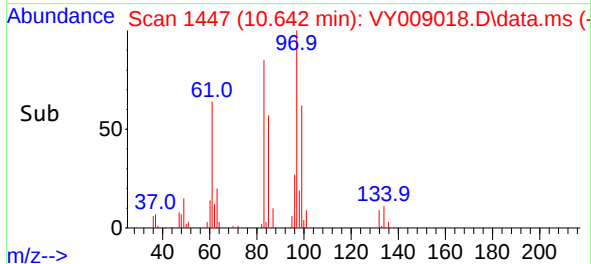


Tgt Ion: 97 Resp: 22799

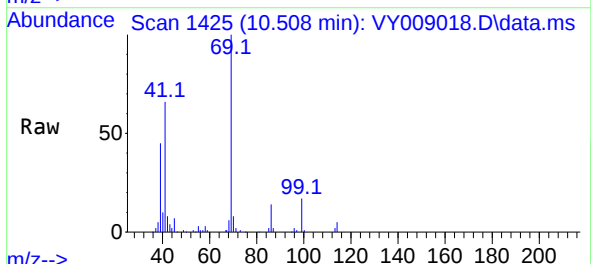
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.8	104.8
85	57.3	44.3	66.5
99	61.6	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

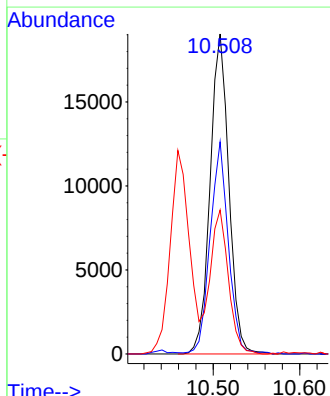
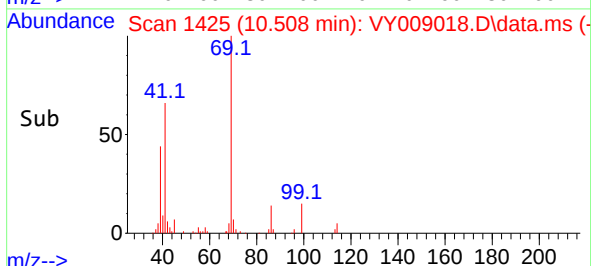


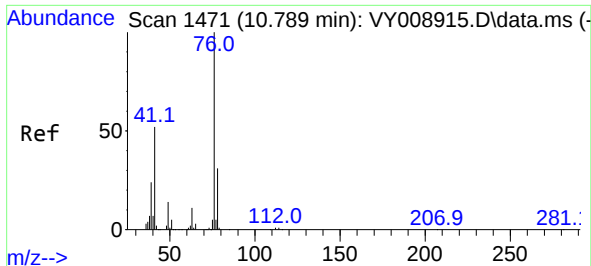
#56
Ethyl methacrylate
Concen: 20.673 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion: 69 Resp: 28586

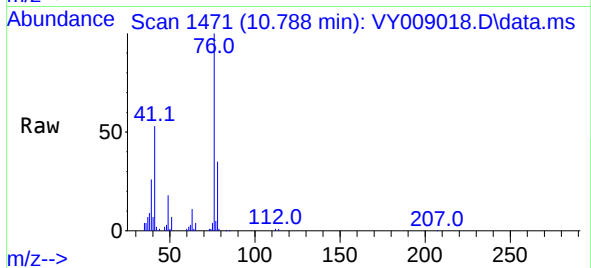
Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.4	95.0
39	44.4	35.8	53.8





#57
1,3-Dichloropropane
Concen: 21.445 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

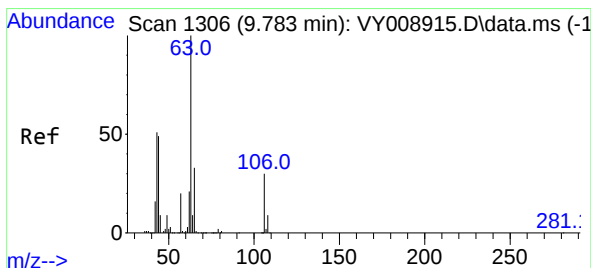
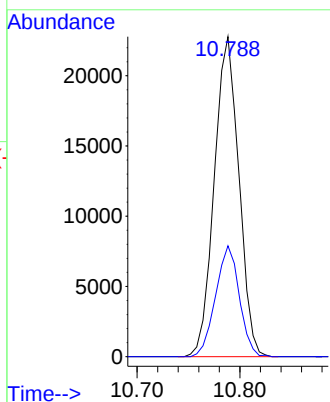
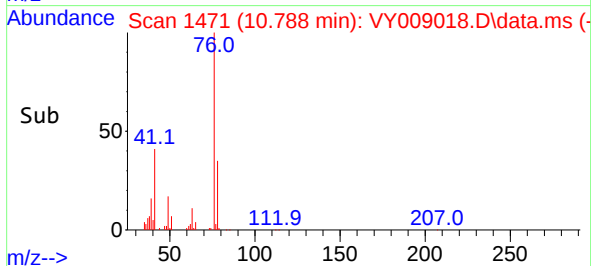
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



Tgt Ion: 76 Resp: 37830
Ion Ratio Lower Upper
76 100
78 33.4 25.0 37.6

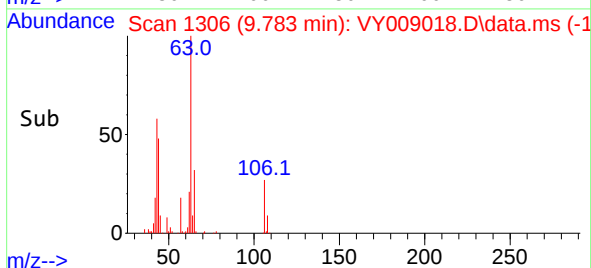
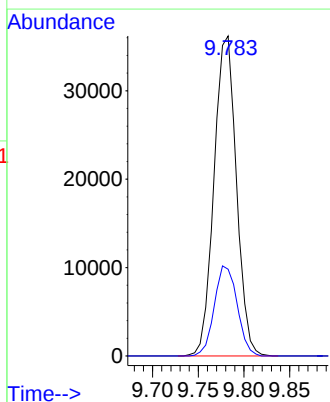
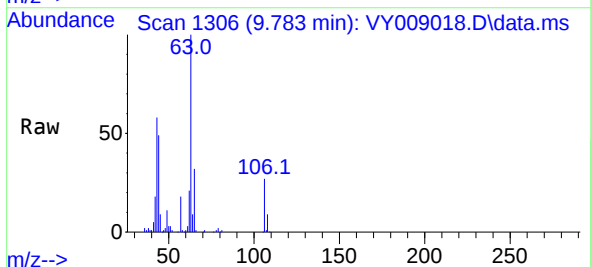
Manual Integrations
APPROVED

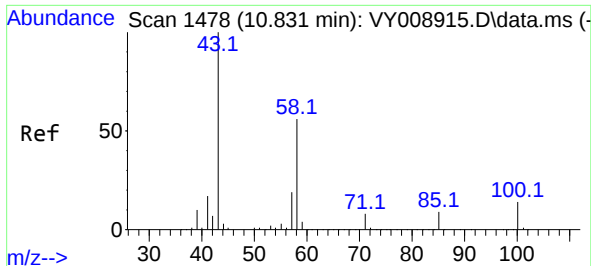
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 103.088 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 63 Resp: 61671
Ion Ratio Lower Upper
63 100
106 28.8 21.5 32.3





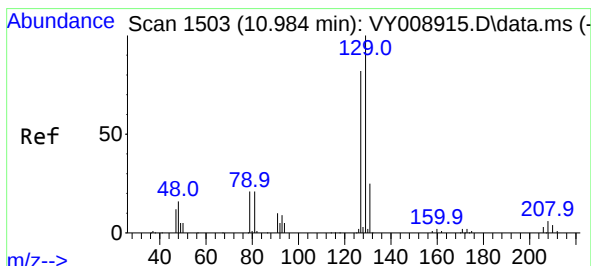
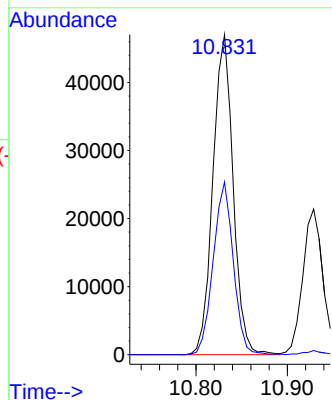
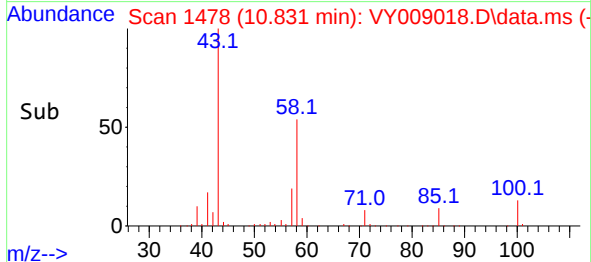
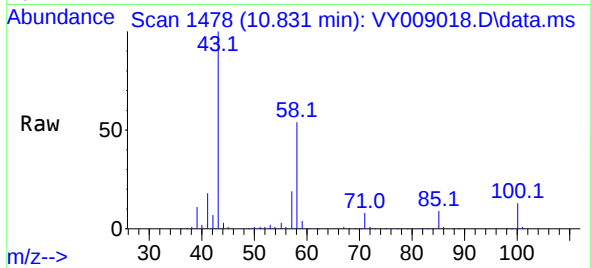
#59
2-Hexanone
Concen: 112.665 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion: 43 Resp: 72304
Ion Ratio Lower Upper
43 100
58 53.6 24.4 73.4

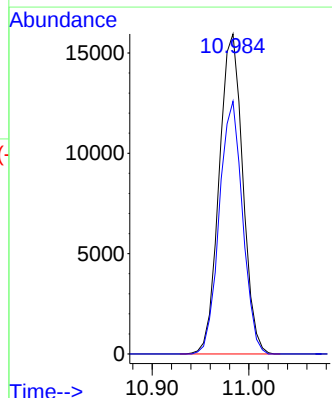
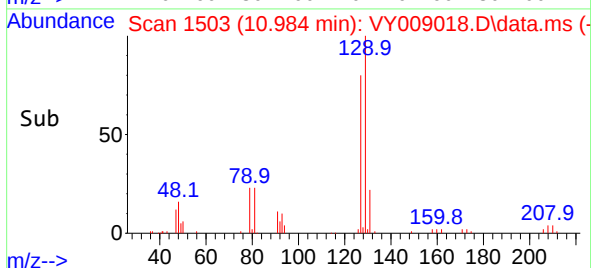
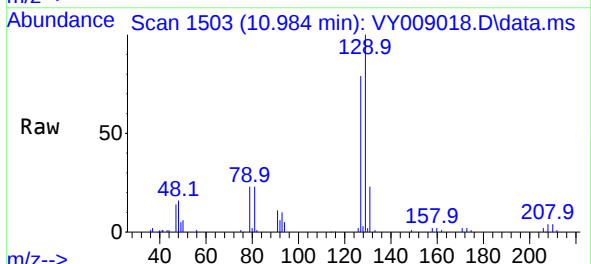
Manual Integrations
APPROVED

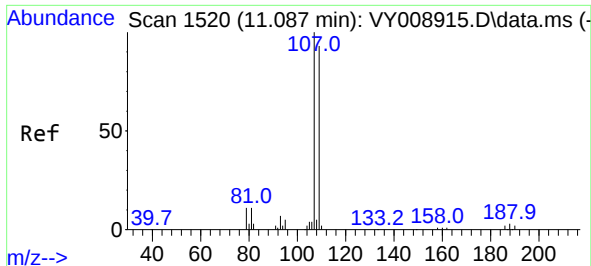
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 20.581 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:129 Resp: 26984
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





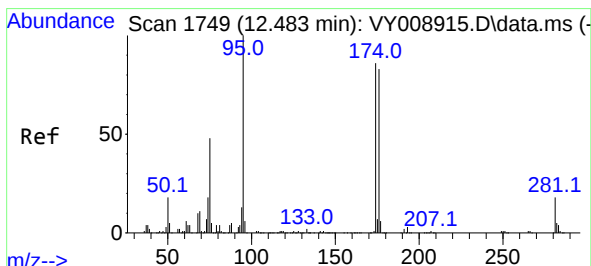
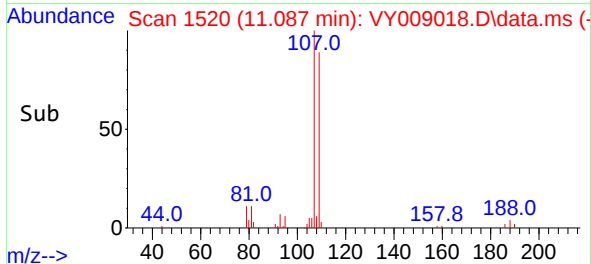
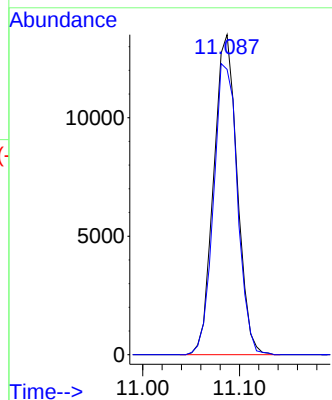
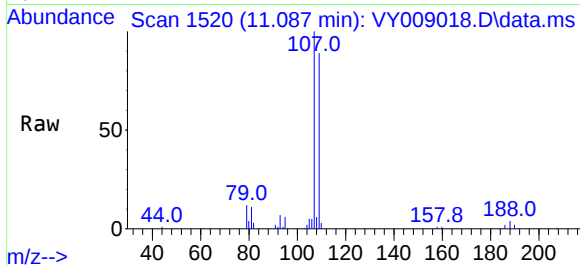
#61
1,2-Dibromoethane
Concen: 21.256 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion:107 Resp: 2278
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2

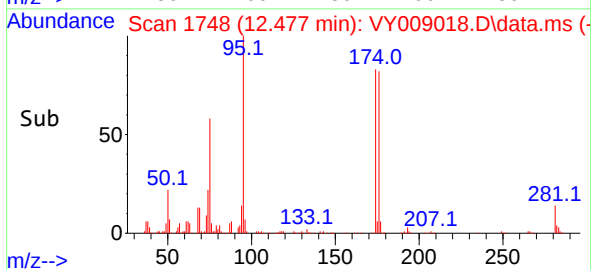
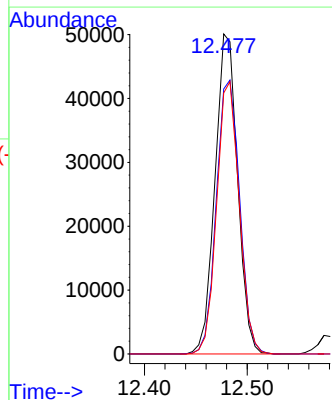
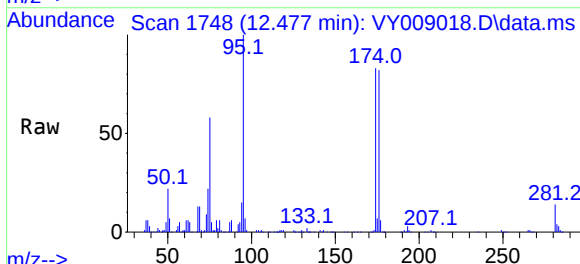
Manual Integrations
APPROVED

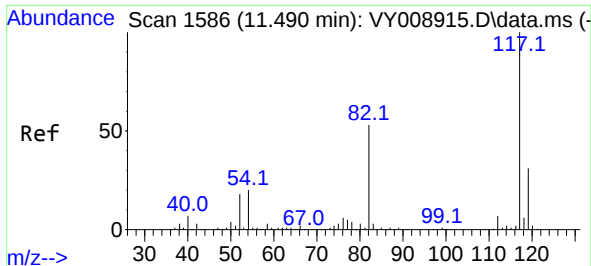
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 49.729 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

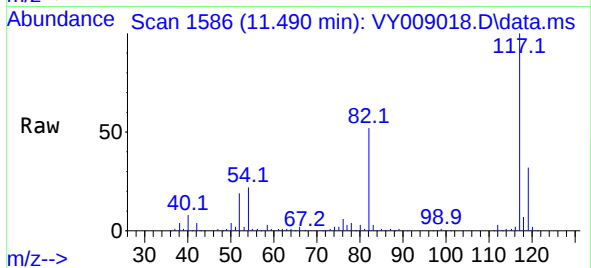
Tgt Ion: 95 Resp: 76359
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.8 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

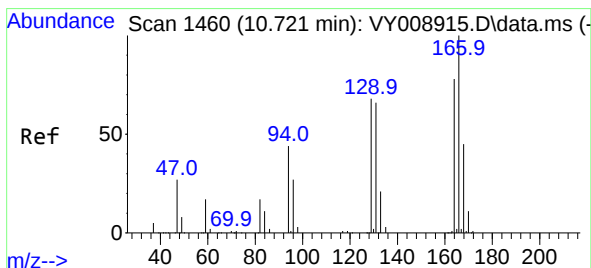
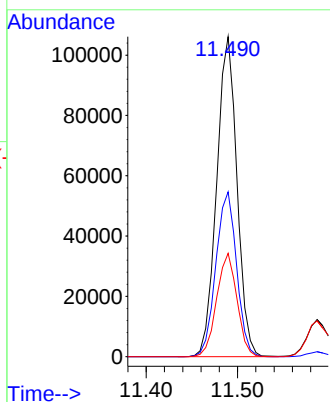
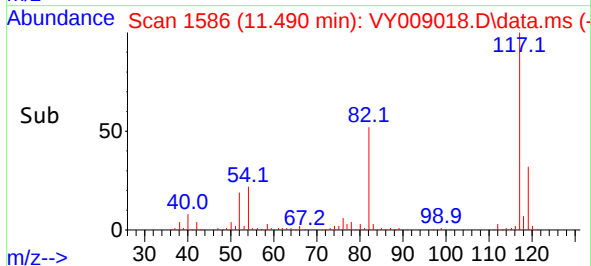
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



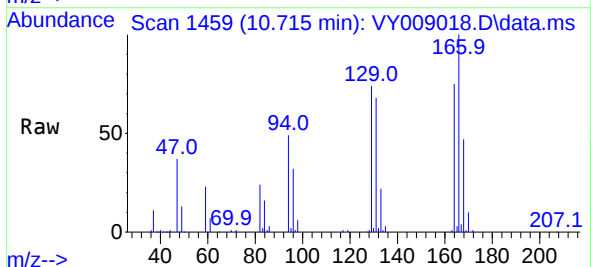
Tgt Ion:117 Resp: 164054
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.3 25.4 38.0

Manual Integrations
APPROVED

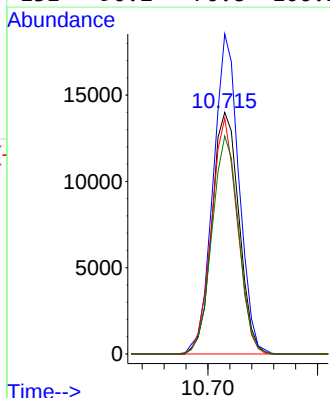
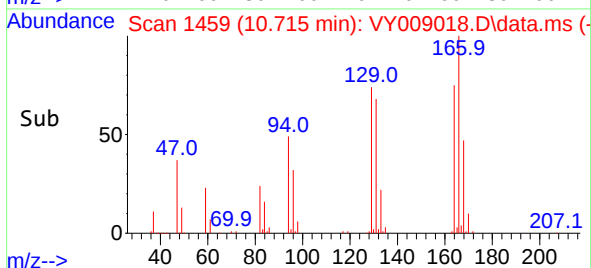
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

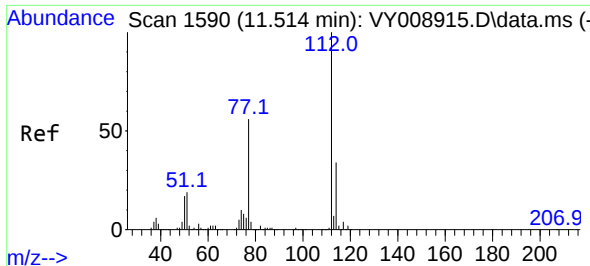


#64
Tetrachloroethene
Concen: 20.042 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



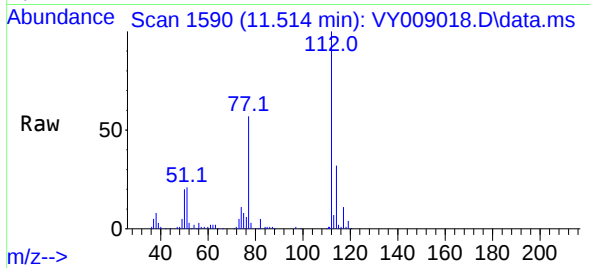
Tgt Ion:164 Resp: 23932
Ion Ratio Lower Upper
164 100
166 132.5 100.4 150.6
129 97.6 71.4 107.0
131 90.2 70.8 106.2





#65
Chlorobenzene
Concen: 20.416 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

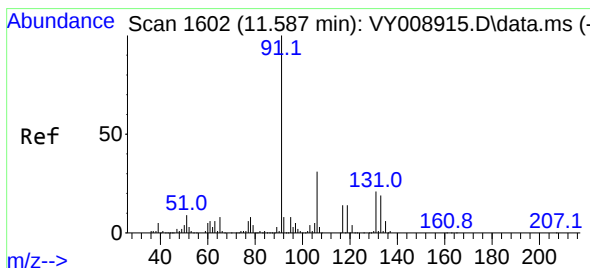
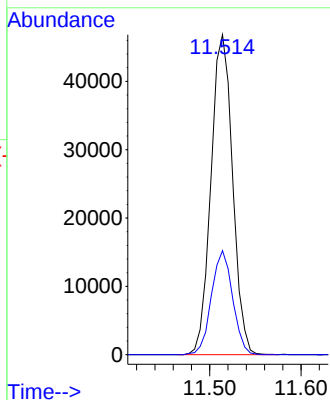
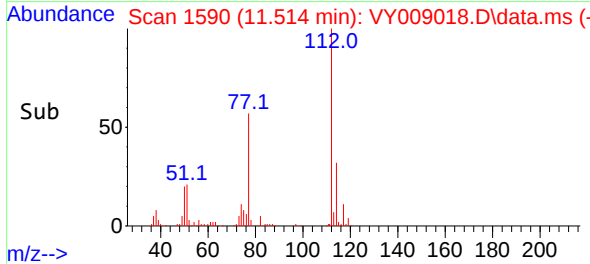
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



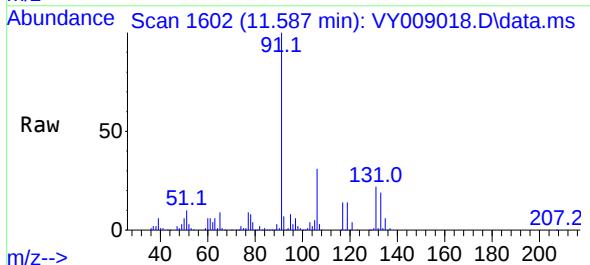
Tgt Ion:112 Resp: 76879
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

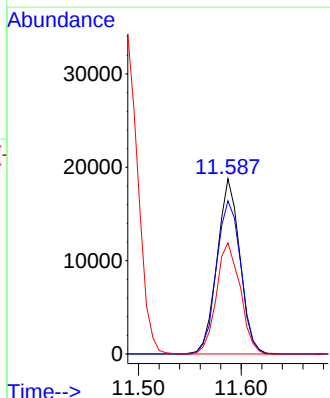
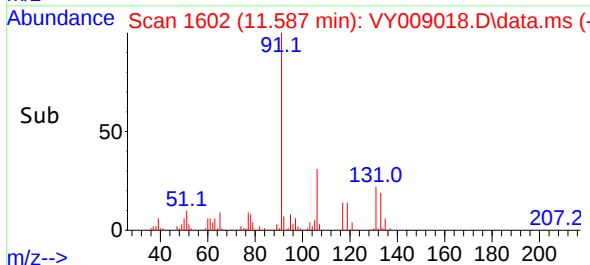
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

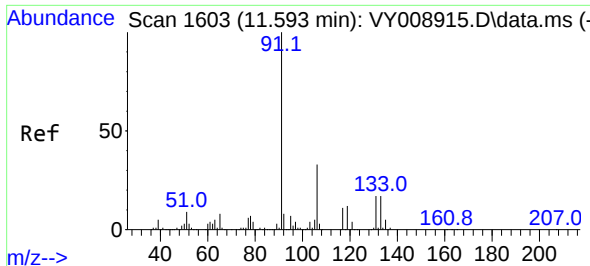


#66
1,1,1,2-Tetrachloroethane
Concen: 20.922 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion:131 Resp: 28847
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.6
119 66.2 30.8 92.3





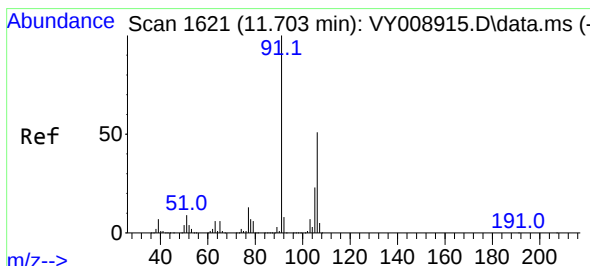
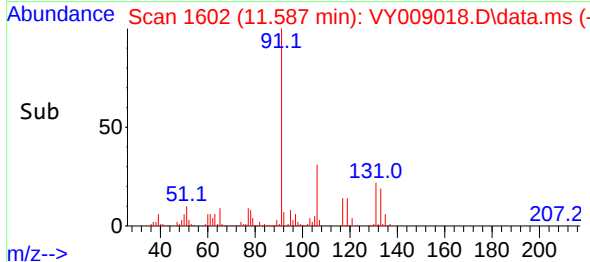
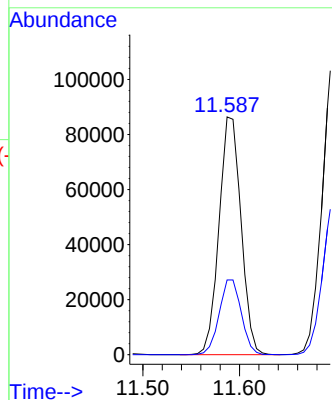
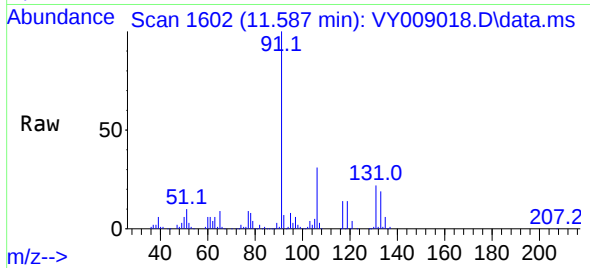
#67
Ethyl Benzene
Concen: 20.075 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion: 91 Resp: 136224
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

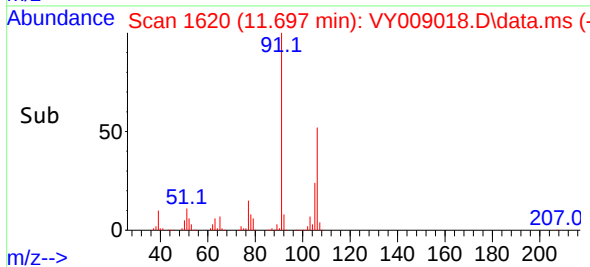
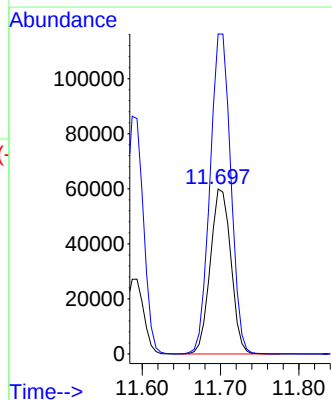
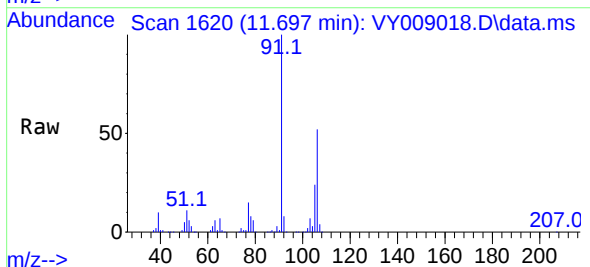
Manual Integrations
APPROVED

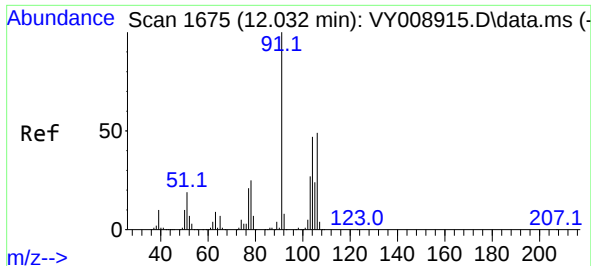
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#68
m/p-Xylenes
Concen: 39.804 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

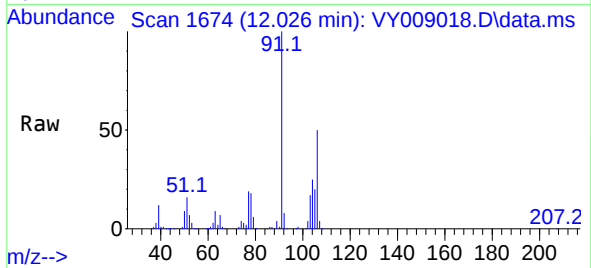
Tgt Ion:106 Resp: 109648
Ion Ratio Lower Upper
106 100
91 195.1 166.6 249.8





#69
o-Xylene
Concen: 20.240 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

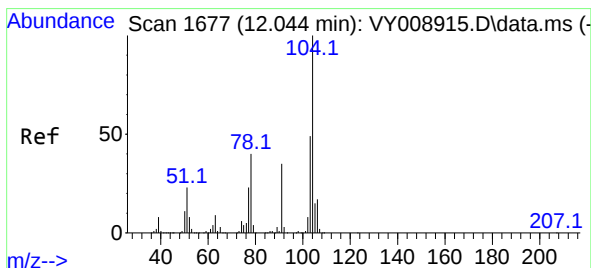
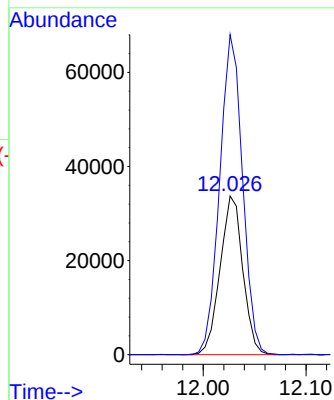
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



Tgt Ion:106 Resp: 51770
Ion Ratio Lower Upper
106 100
91 202.6 110.3 331.0

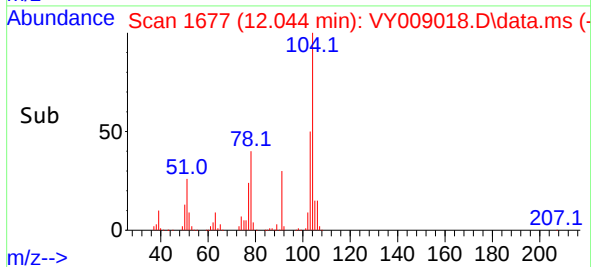
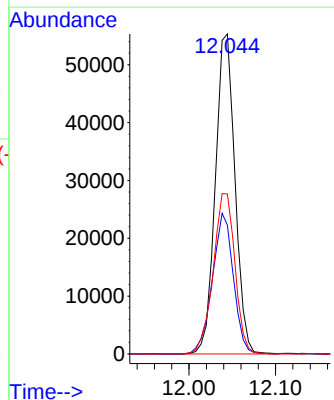
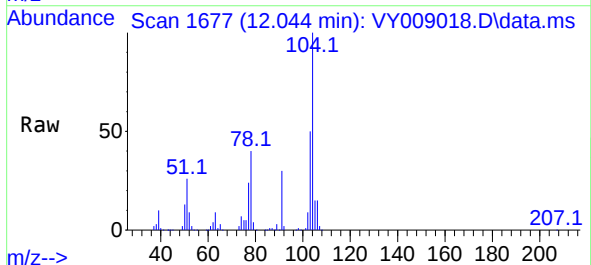
Manual Integrations
APPROVED

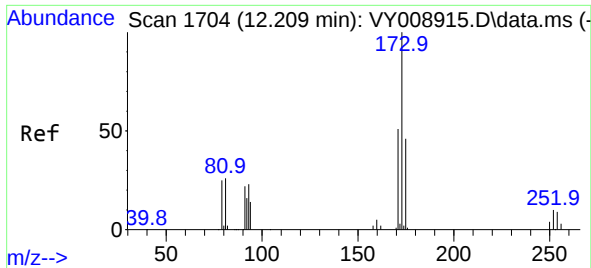
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 19.820 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:104 Resp: 87191
Ion Ratio Lower Upper
104 100
78 47.0 42.4 63.6
103 55.6 44.4 66.6





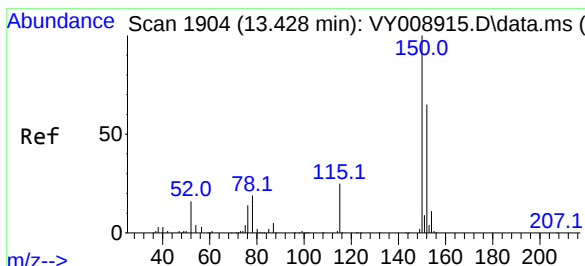
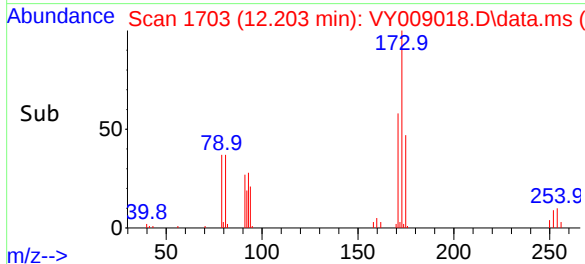
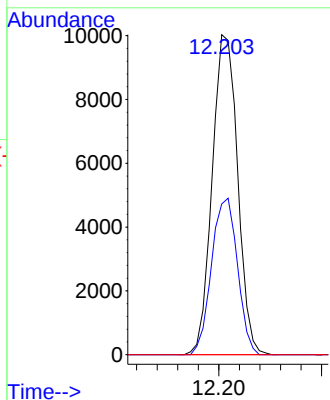
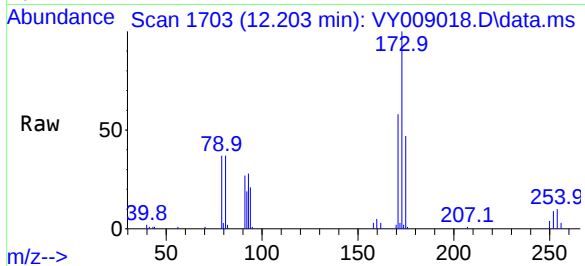
#71
Bromoform
Concen: 18.831 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion:173 Resp: 1721
Ion Ratio Lower Upper
173 100
175 49.9 24.6 74.0
254 0.0 0.0 0.0

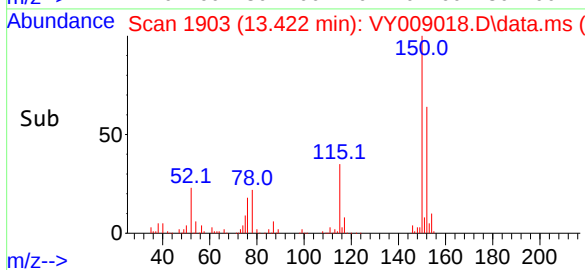
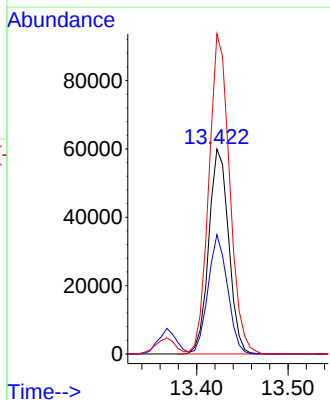
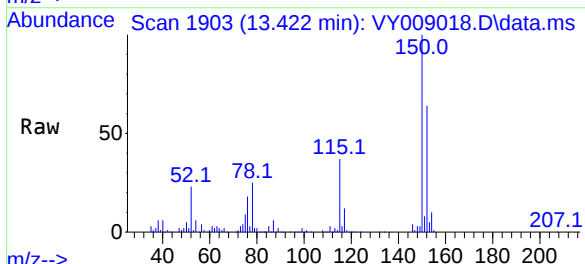
Manual Integrations
APPROVED

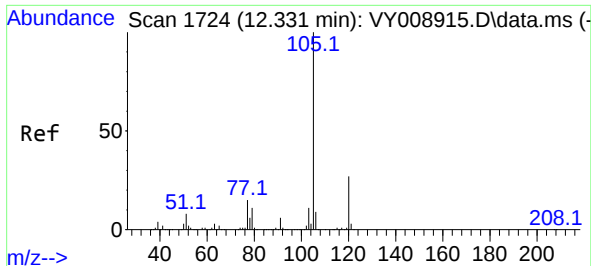
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

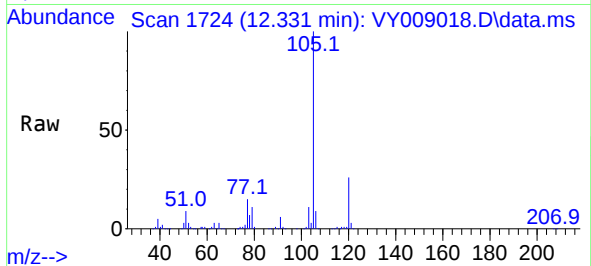
Tgt Ion:152 Resp: 90499
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 163.2 0.0 347.6





#73
Isopropylbenzene
Concen: 20.069 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

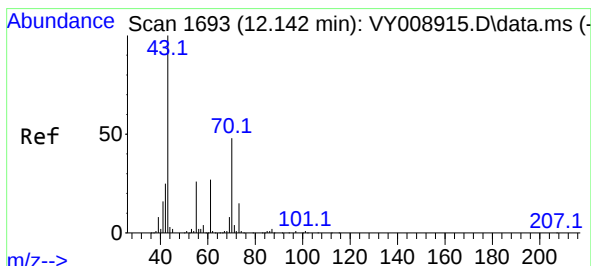
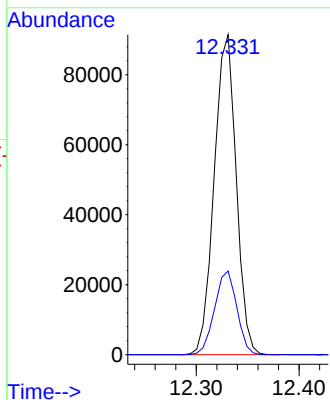
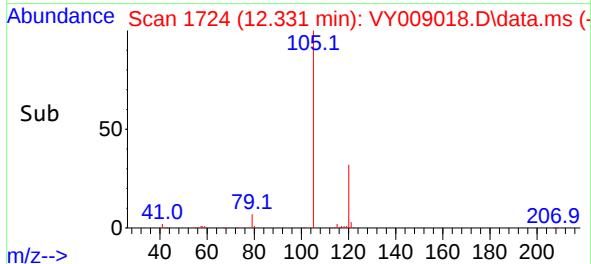
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



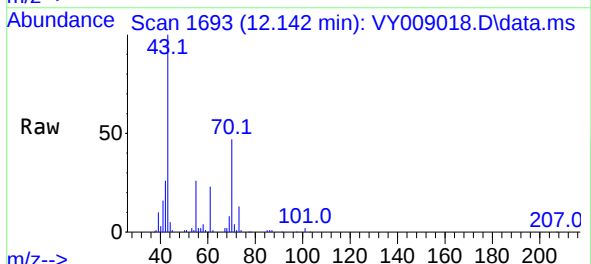
Tgt Ion:105 Resp: 135808
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Manual Integrations
APPROVED

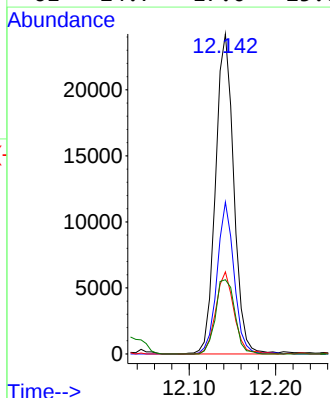
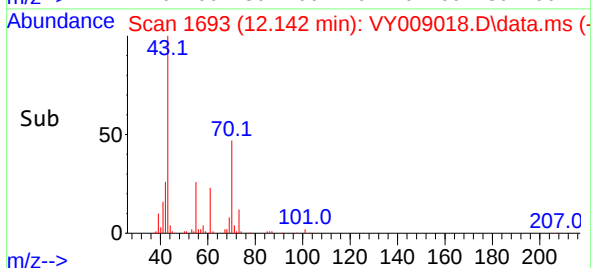
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

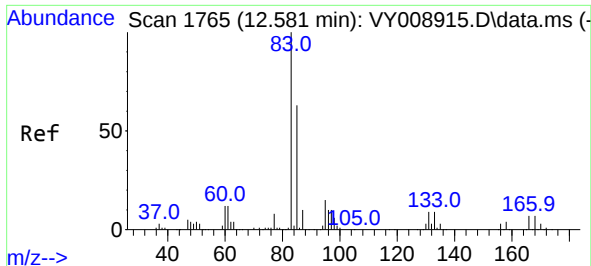


#74
N-ethyl acetate
Concen: 22.653 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion: 43 Resp: 35368
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 25.8 17.3 25.9
61 24.7 17.0 25.6





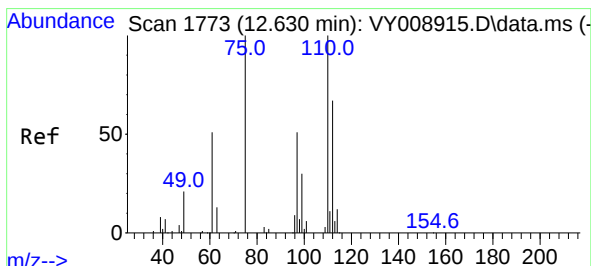
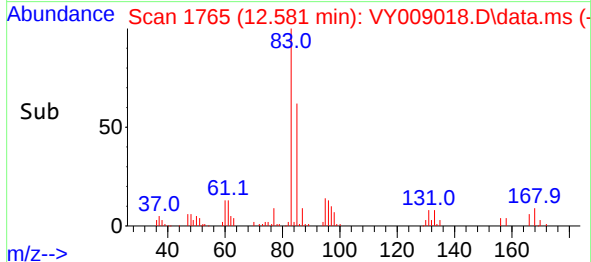
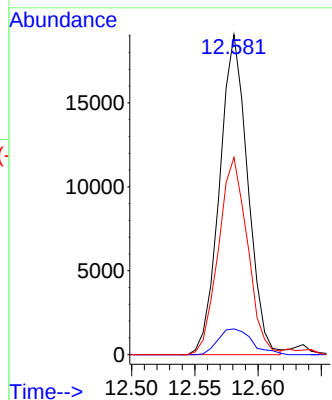
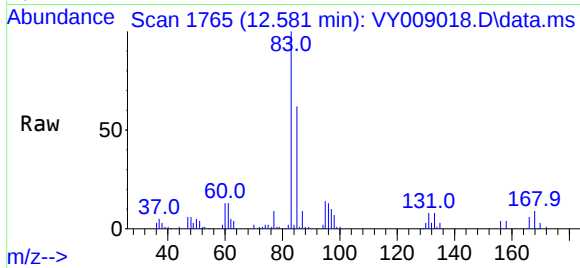
#75
1,1,2,2-Tetrachloroethane
Concen: 21.171 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion: 83 Resp: 2951
Ion Ratio Lower Upper
83 100
131 9.7 5.6 16.8
85 63.5 32.3 96.8

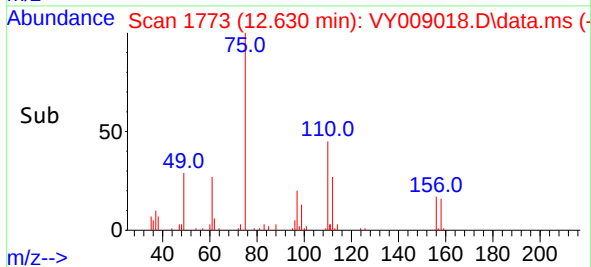
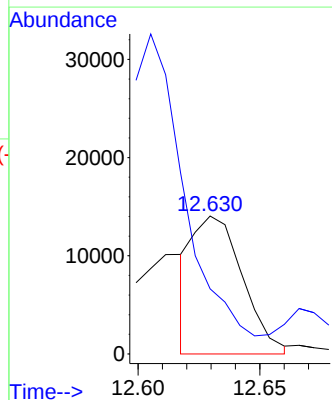
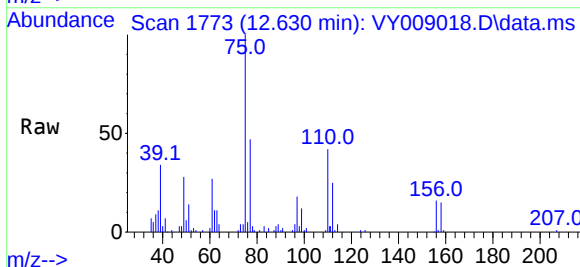
Manual Integrations
APPROVED

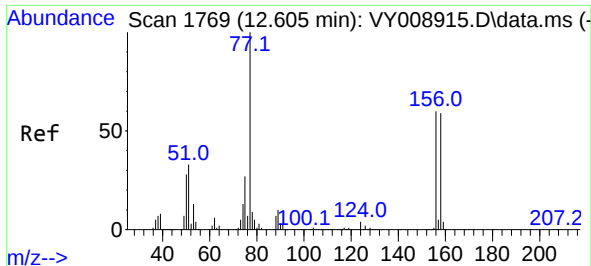
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#76
1,2,3-Trichloropropane
Concen: 20.761 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

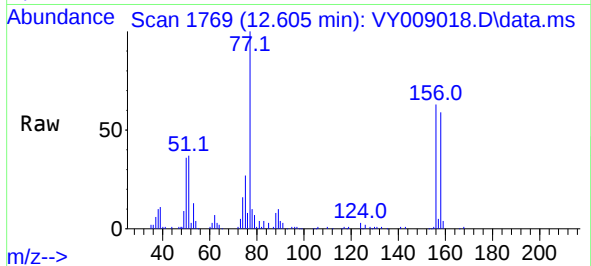
Tgt Ion: 75 Resp: 20177
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.997 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

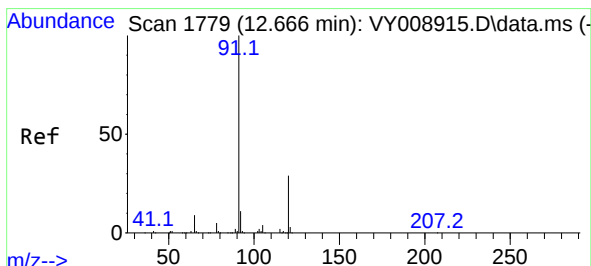
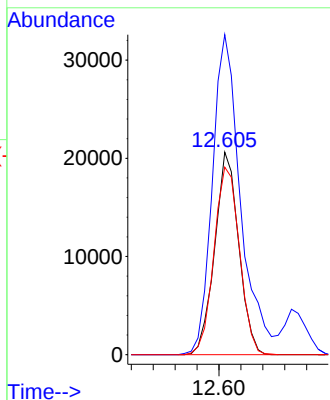
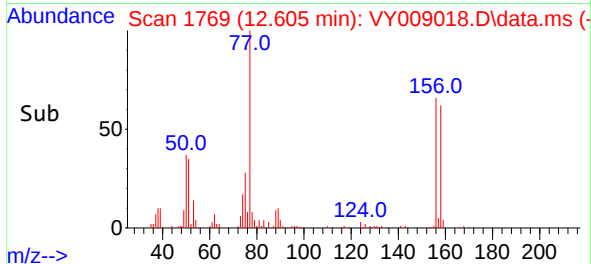
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01



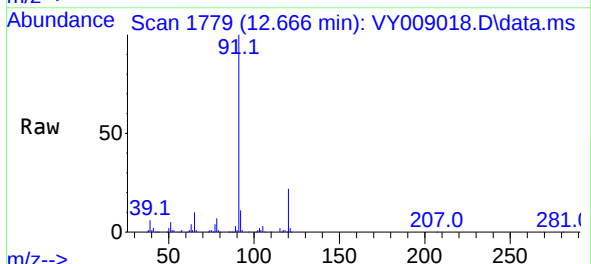
Tgt Ion: 156 Resp: 31368
Ion Ratio Lower Upper
156 100
77 184.8 95.5 286.4
158 98.1 48.0 144.0

Manual Integrations
APPROVED

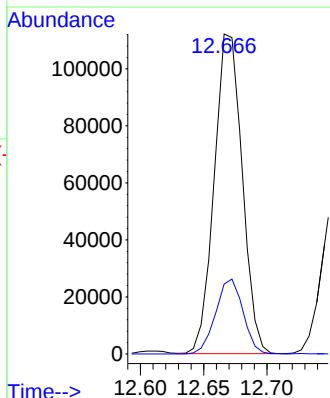
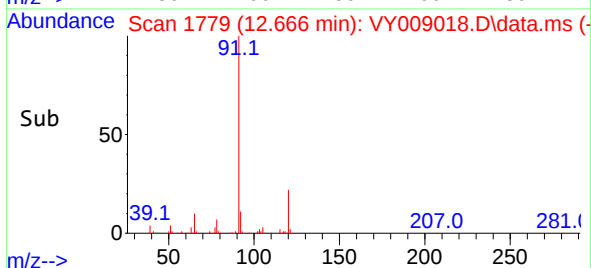
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

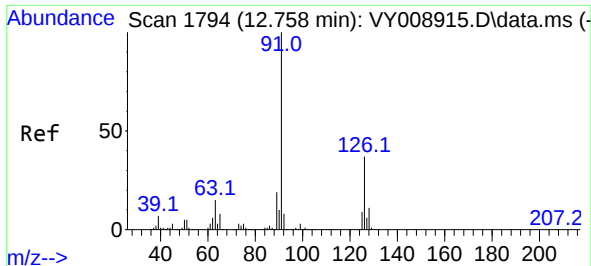


#78
n-propylbenzene
Concen: 22.048 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion: 91 Resp: 172377
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





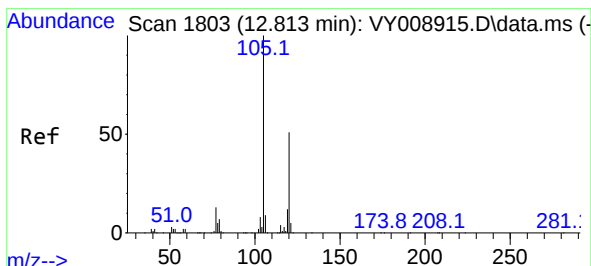
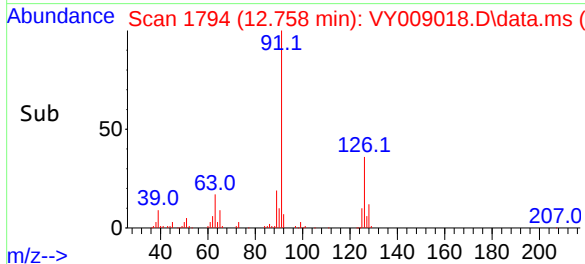
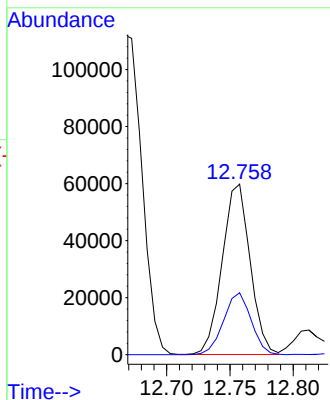
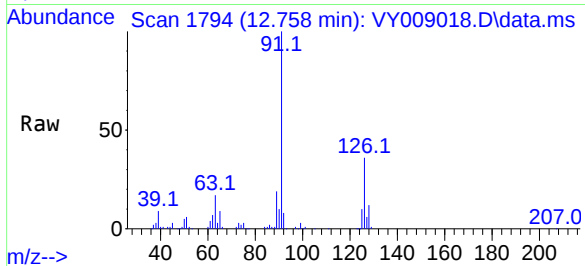
#79
2-Chlorotoluene
Concen: 20.381 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Tgt Ion: 91 Resp: 91912
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6

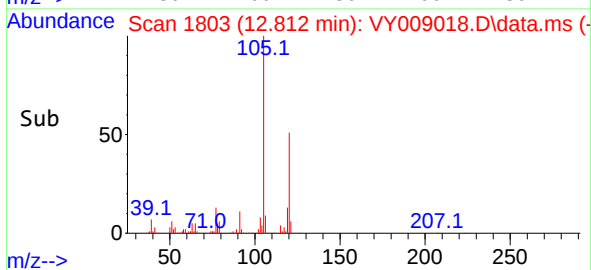
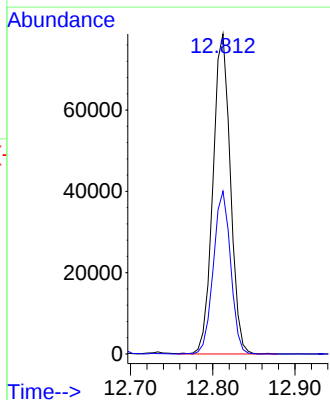
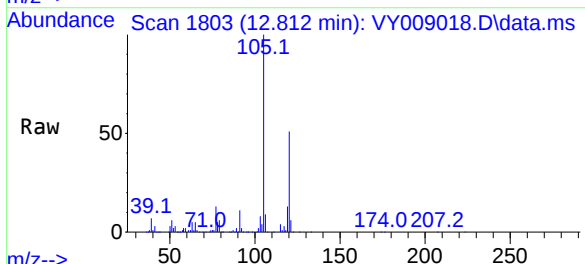
Manual Integrations
APPROVED

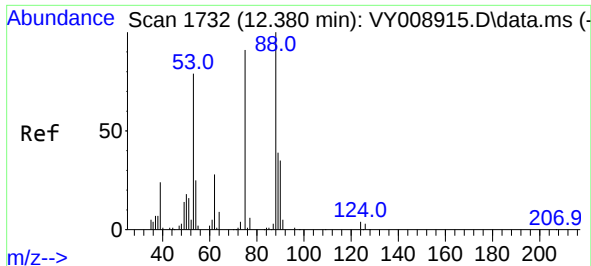
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.362 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:105 Resp: 115494
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4





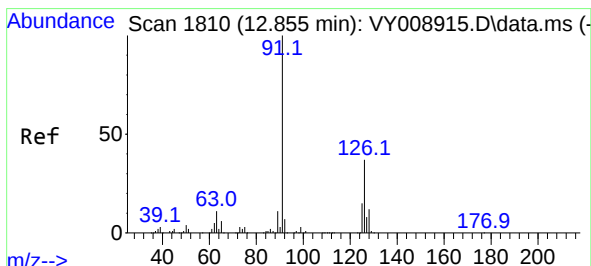
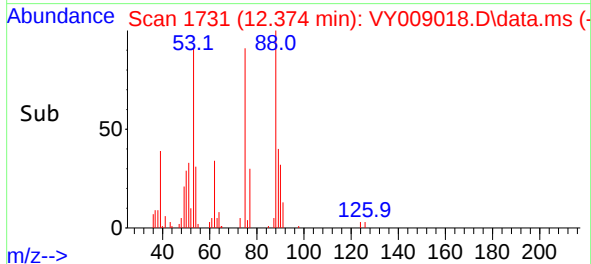
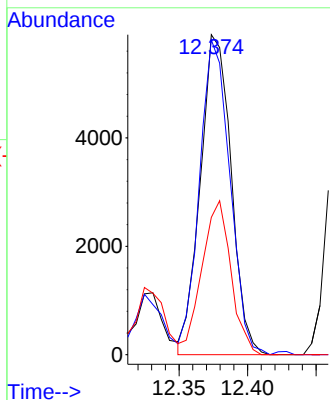
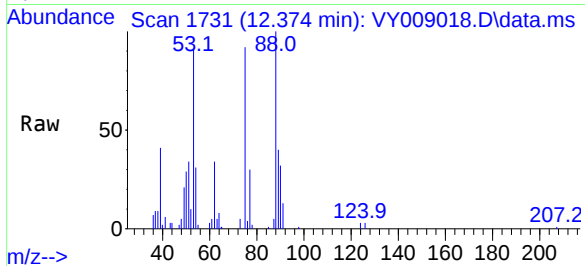
#81
trans-1,4-Dichloro-2-butene
Concen: 19.466 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
53 97.0 85.3 127.9
89 45.6 37.0 55.4

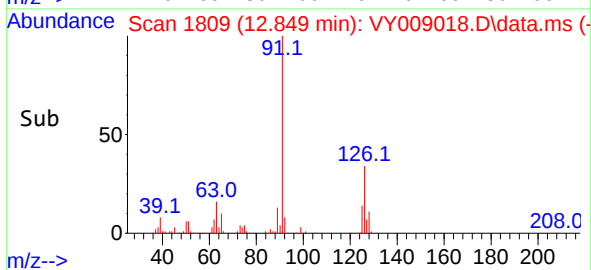
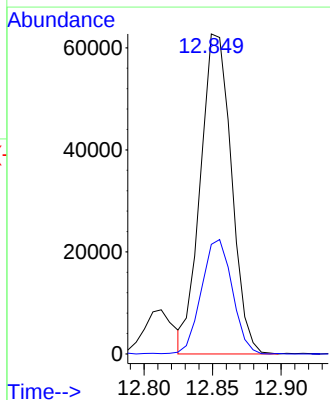
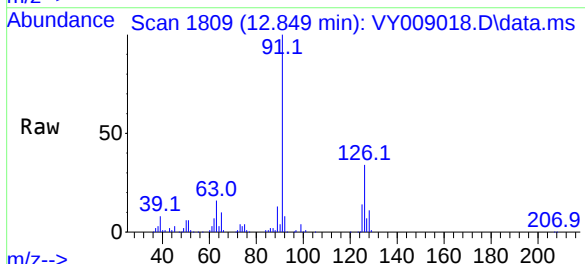
Manual Integrations
APPROVED

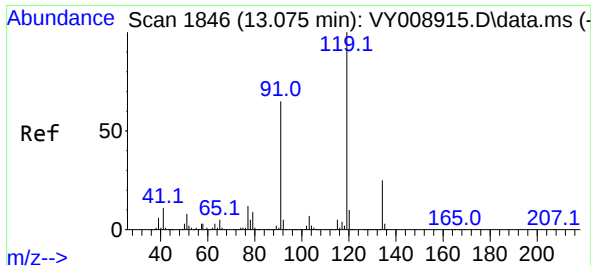
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#82
4-Chlorotoluene
Concen: 20.493 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion: 91 Resp: 98846
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





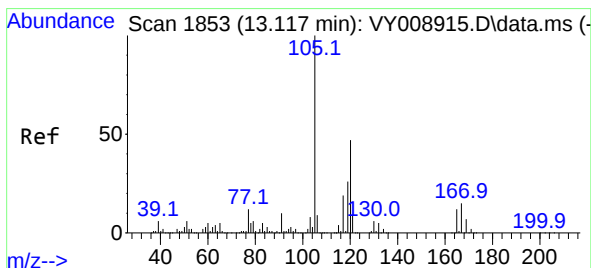
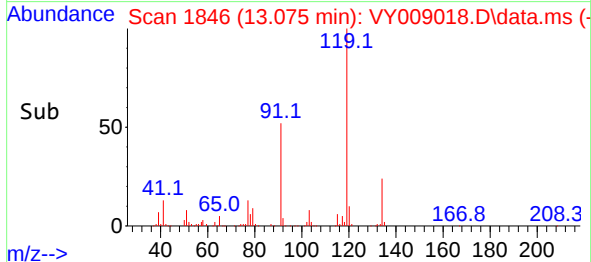
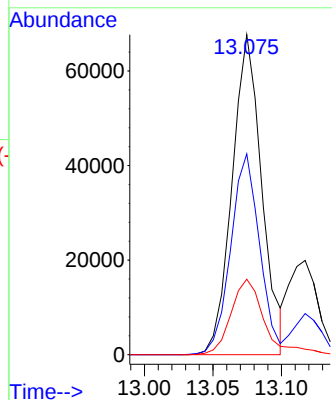
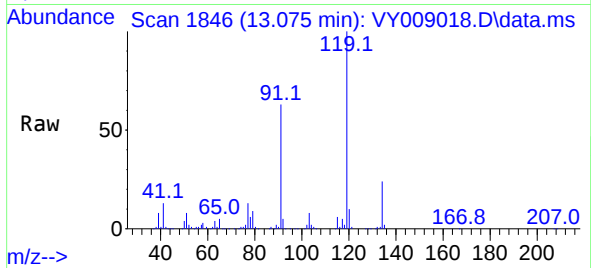
#83
tert-Butylbenzene
Concen: 20.314 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion:119 Resp: 10222
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 26.4 13.3 39.9

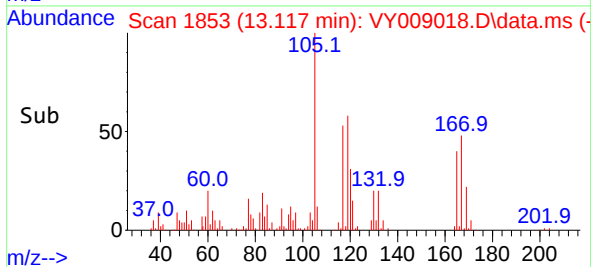
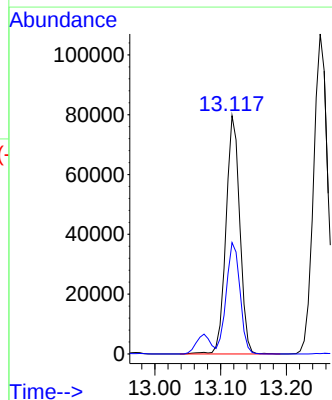
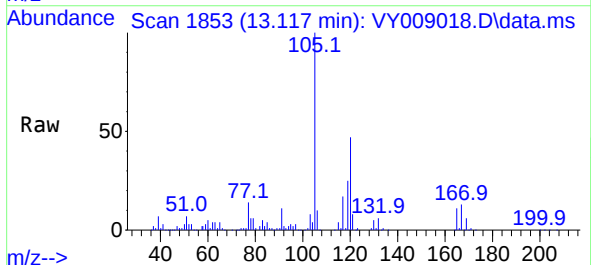
Manual Integrations
APPROVED

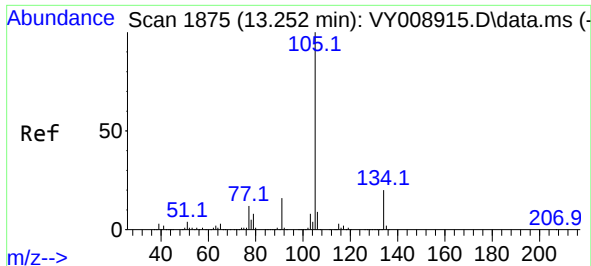
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.641 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

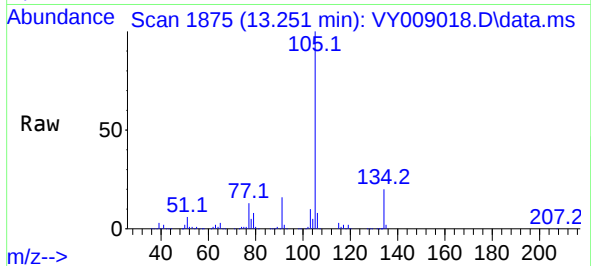
Tgt Ion:105 Resp: 116222
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.707 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48

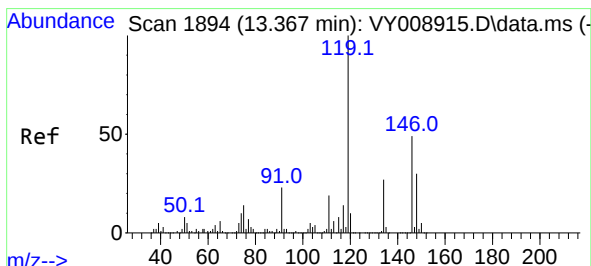
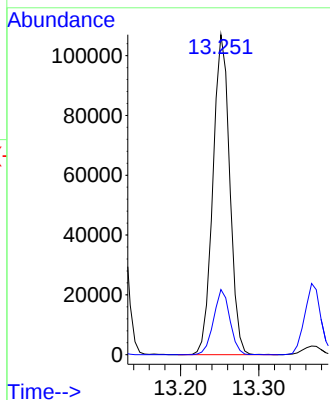
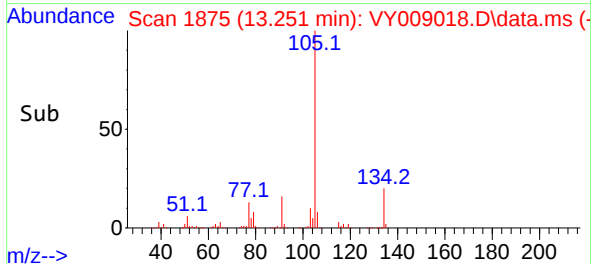
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01



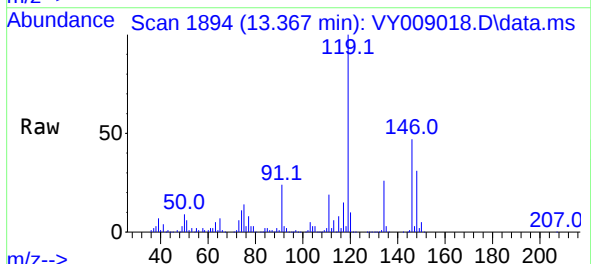
Tgt Ion:105 Resp: 15942
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

Manual Integrations
 APPROVED

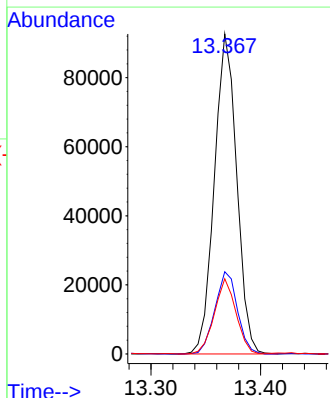
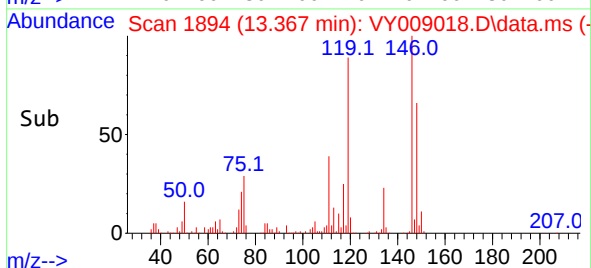
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

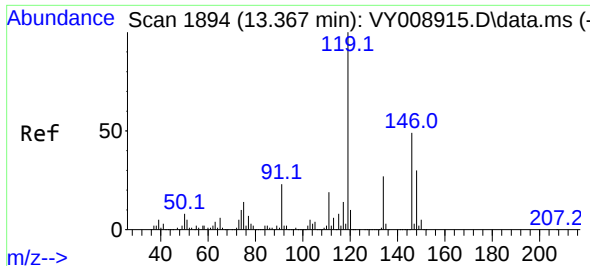


#86
 p-Isopropyltoluene
 Concen: 20.464 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009018.D
 Acq: 23 May 2022 19:48



Tgt Ion:119 Resp: 131384
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 22.8 12.4 37.2





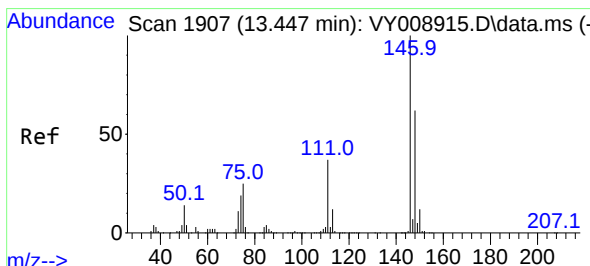
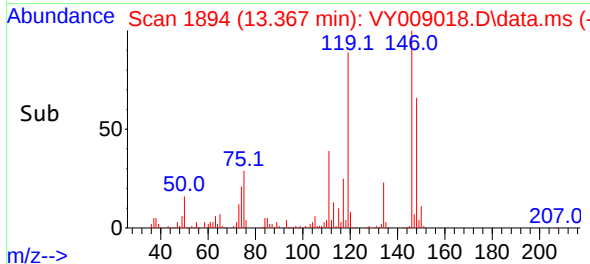
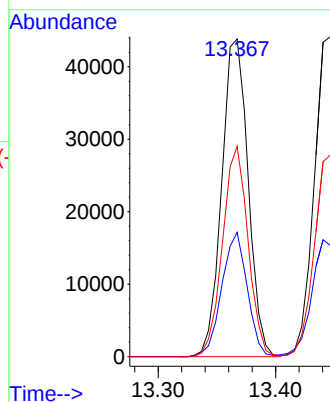
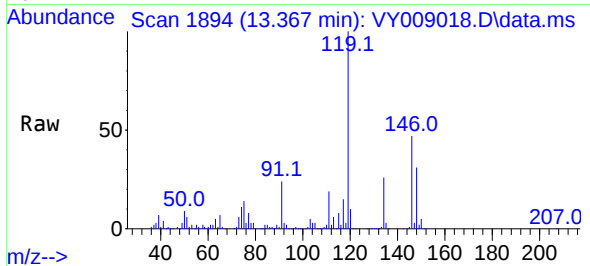
#87
1,3-Dichlorobenzene
Concen: 20.467 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion:146 Resp: 68488
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 64.0 31.6 95.0

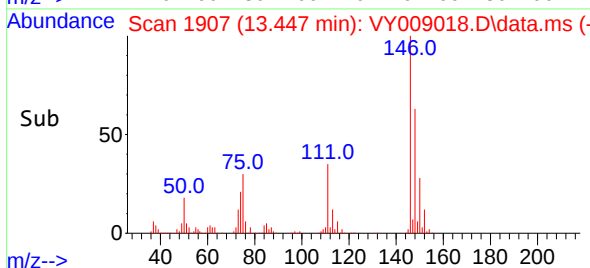
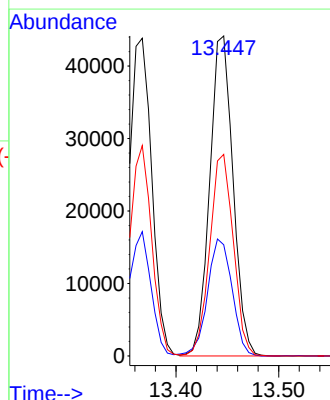
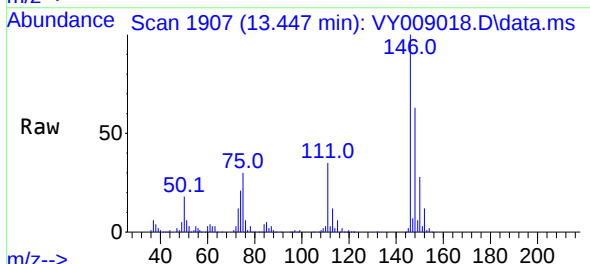
Manual Integrations
APPROVED

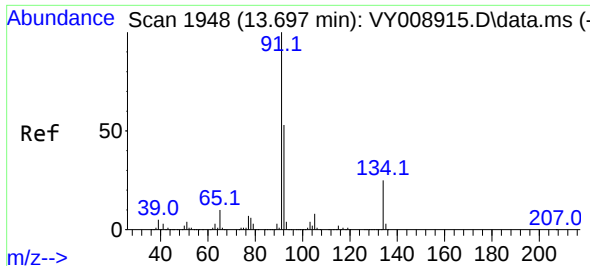
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#88
1,4-Dichlorobenzene
Concen: 20.715 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:146 Resp: 69639
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.8
148 63.7 32.6 97.8





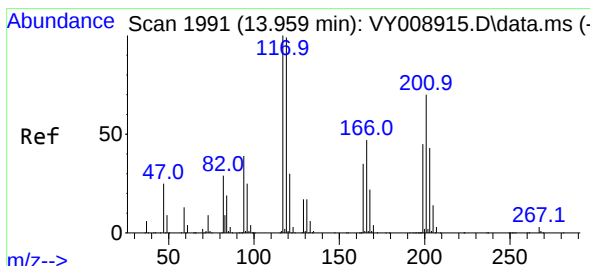
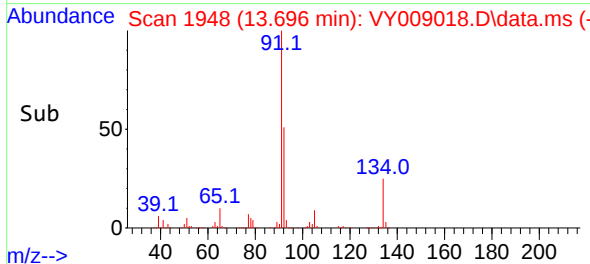
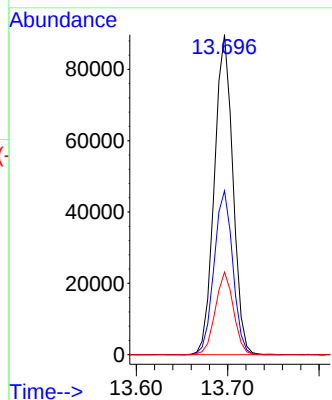
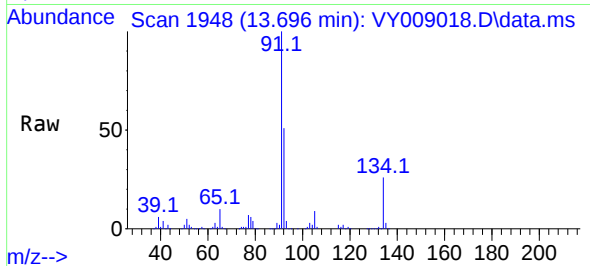
#89
n-Butylbenzene
Concen: 21.499 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion: 91 Resp: 126270
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 25.3 13.0 38.9

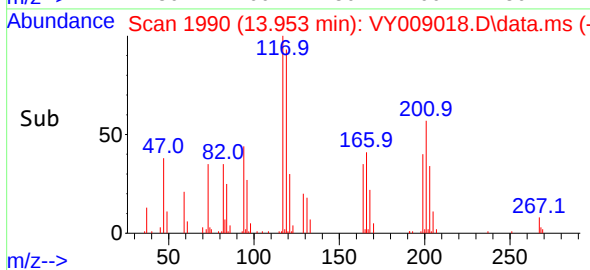
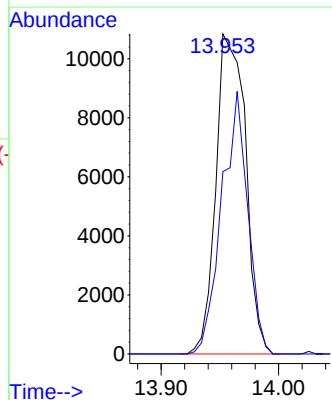
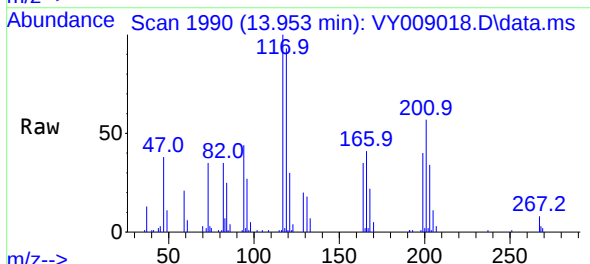
Manual Integrations
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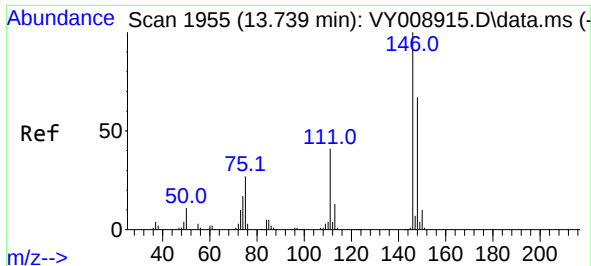
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 15.801 ug/l
RT: 13.953 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:117 Resp: 19011
Ion Ratio Lower Upper
117 100
201 72.0 43.0 128.8





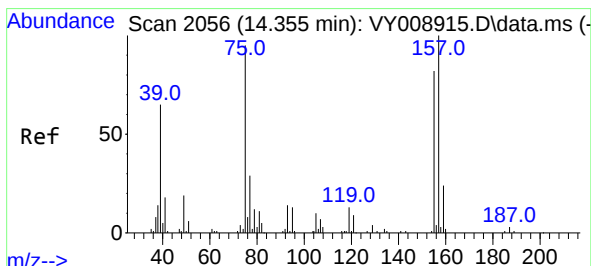
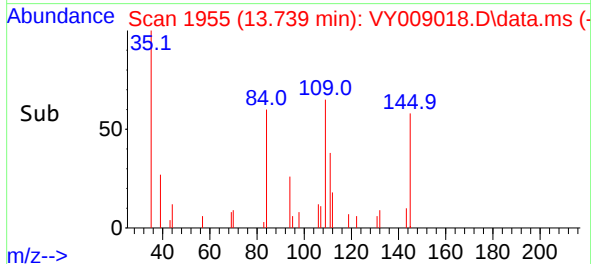
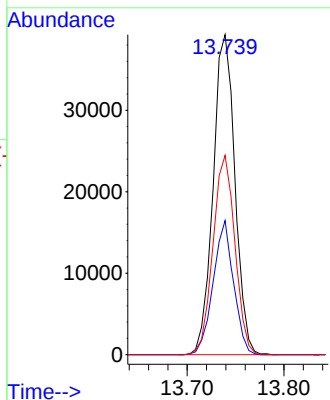
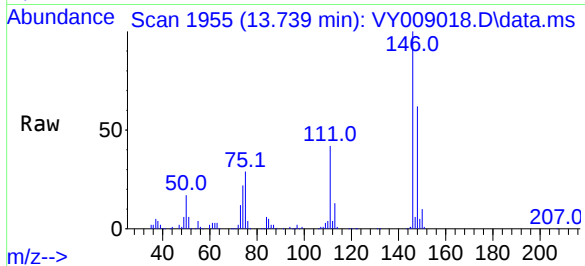
#91
1,2-Dichlorobenzene
Concen: 20.810 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Tgt Ion:146 Resp: 61468
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 62.6 32.3 96.9

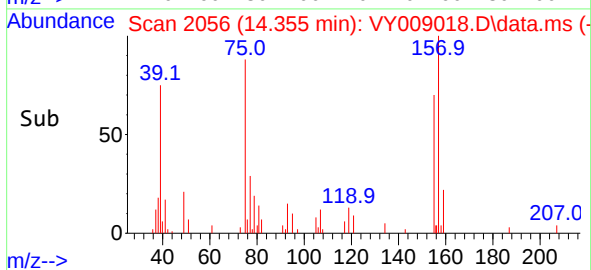
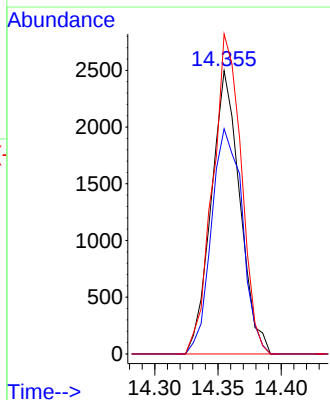
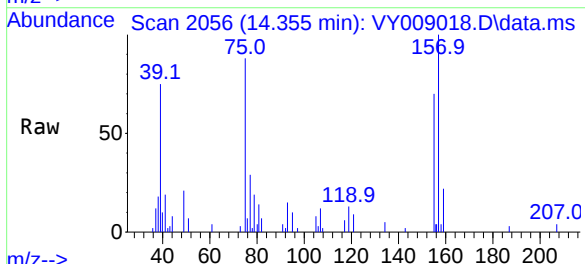
Manual Integrations
APPROVED

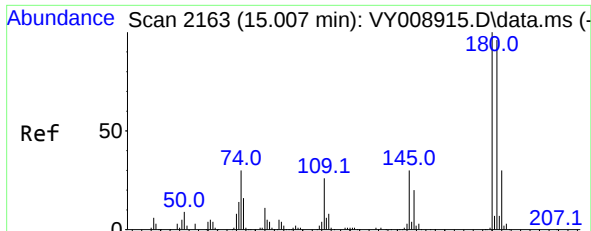
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.182 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

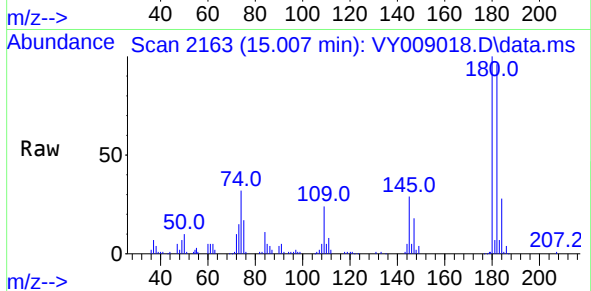
Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
155 85.4 38.0 113.9
157 112.5 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 20.799 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

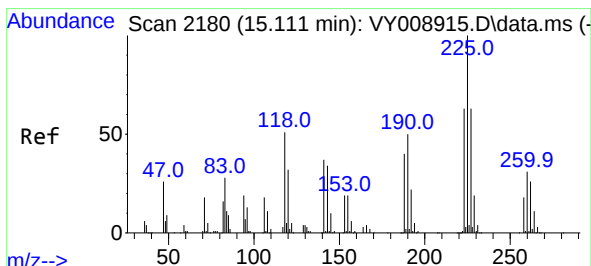
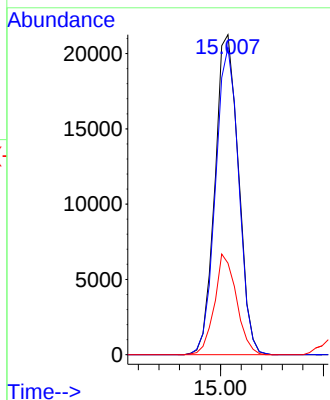
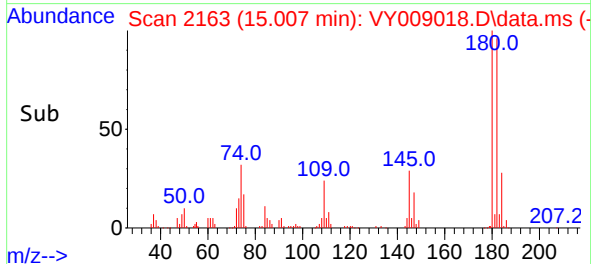
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01



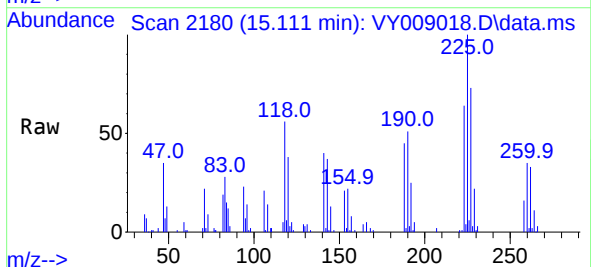
Tgt Ion:180 Resp: 33718
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 29.4 14.6 43.8

Manual Integrations
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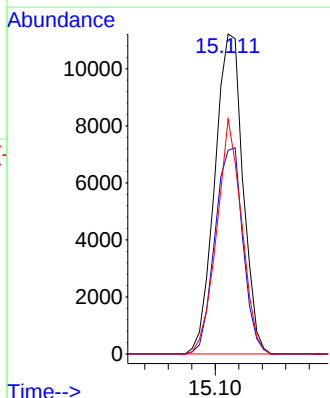
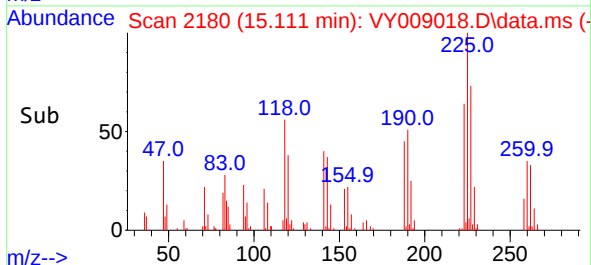
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

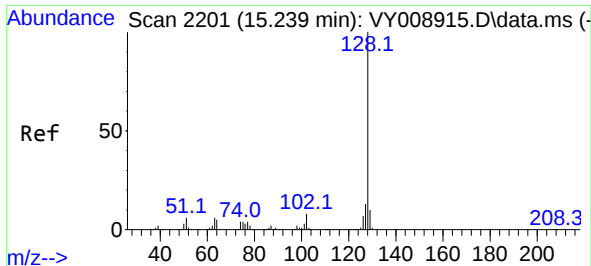


#94
Hexachlorobutadiene
Concen: 21.189 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48



Tgt Ion:225 Resp: 18721
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.3
227 65.3 31.6 94.7





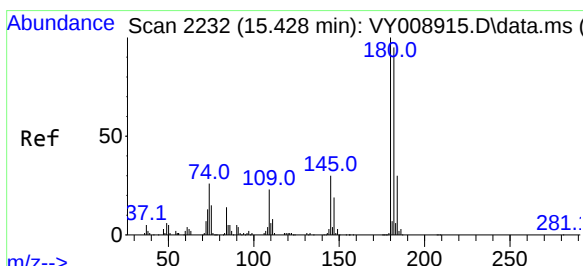
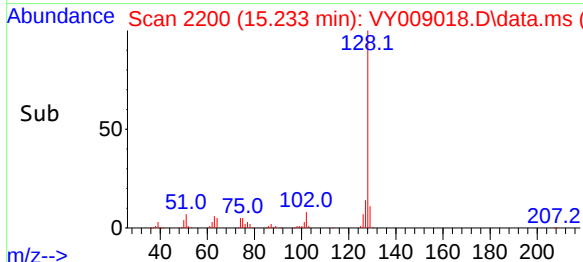
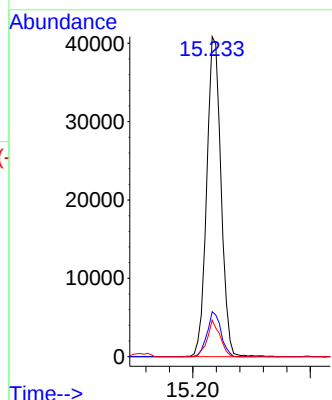
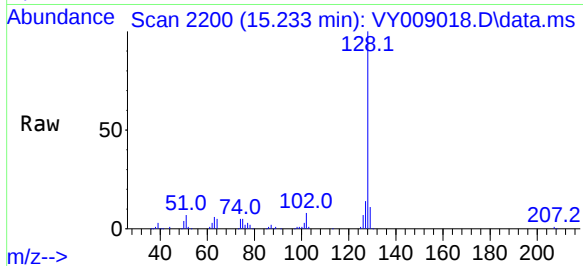
#95
Naphthalene
Concen: 21.147 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

Tgt Ion:128 Resp: 6886
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.789 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY009018.D
Acq: 23 May 2022 19:48

Tgt Ion:180 Resp: 29286
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 31.4 15.3 45.9

