

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009007.D
 Acq On : 23 May 2022 15:30
 Operator : KP/MD
 Sample : N2887-06MSD
 Misc : 3.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MSD

Quant Time: May 24 01:48:32 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	91686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	161008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46117	48.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.740%		
35) Dibromofluoromethane	7.709	113	46922	46.865	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.740%		
50) Toluene-d8	10.178	98	134564	36.431	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	72.860%		
62) 4-Bromofluorobenzene	12.483	95	52019	34.913	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	47998	57.237	ug/l	98
3) Chloromethane	2.107	50	83076	69.151	ug/l	93
4) Vinyl Chloride	2.247	62	121355	68.182	ug/l	96
5) Bromomethane	2.637	94	93817	53.773	ug/l	99
6) Chloroethane	2.789	64	84580	67.077	ug/l	100
7) Trichlorofluoromethane	3.119	101	82074	54.299	ug/l	98
8) Diethyl Ether	3.527	74	29793	63.037	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	44589	47.998	ug/l	96
10) Methyl Iodide	4.082	142	51549	53.738	ug/l	92
11) Tert butyl alcohol	4.954	59	26547	277.359	ug/l #	93
12) 1,1-Dichloroethene	3.862	96	46359	53.757	ug/l	85
13) Acrolein	3.716	56	1728	54.849	ug/l #	65
14) Allyl chloride	4.472	41	75793	58.319	ug/l #	89
15) Acrylonitrile	5.155	53	80138	302.832	ug/l	98
16) Acetone	3.942	43	53211	270.903	ug/l #	89
17) Carbon Disulfide	4.186	76	146912	52.145	ug/l	100
18) Methyl Acetate	4.472	43	92000	150.413	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	157575	60.877	ug/l	95
20) Methylene Chloride	4.704	84	62481	58.274	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	58952	53.259	ug/l	86
22) Diisopropyl ether	6.118	45	179377	57.450	ug/l #	91
23) Vinyl Acetate	6.057	43	248808m	120.468	ug/l	
24) 1,1-Dichloroethane	6.015	63	103428	55.383	ug/l	99
25) 2-Butanone	6.978	43	102477	292.100	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	93480	54.340	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	67992	54.491	ug/l	88
28) Bromochloromethane	7.325	49	39970	62.356	ug/l #	95
29) Tetrahydrofuran	7.344	42	73742	309.437	ug/l #	86
30) Chloroform	7.502	83	109640	54.388	ug/l	94
31) Cyclohexane	7.782	56	74475	40.344	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	95526	52.231	ug/l	98
36) 1,1-Dichloropropene	7.911	75	75803	44.489	ug/l	99
37) Ethyl Acetate	7.069	43	27560	31.182	ug/l	96
38) Carbon Tetrachloride	7.898	117	80402	45.109	ug/l	100
39) Methylcyclohexane	9.179	83	64755	29.443	ug/l #	86
40) Benzene	8.154	78	250315	50.946	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25174m	55.195	ug/l	
42) 1,2-Dichloroethane	8.234	62	80510	55.803	ug/l	94
43) Isopropyl Acetate	8.270	43	61397	37.359	ug/l #	91
44) Trichloroethene	8.935	130	57661	44.322	ug/l	96
45) 1,2-Dichloropropane	9.215	63	62157	52.686	ug/l	98
46) Dibromomethane	9.301	93	40504	53.994	ug/l	94
47) Bromodichloromethane	9.496	83	88076	51.374	ug/l	99
48) Methyl methacrylate	9.288	41	49217	67.068	ug/l #	83
49) 1,4-Dioxane	9.294	88	11504	1147.195	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	267774	294.409	ug/l	92
52) Toluene	10.239	92	154667	45.045	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	91548	50.285	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	97802	49.971	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	55046	52.449	ug/l	92
56) Ethyl methacrylate	10.508	69	50761	37.831	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	90711	52.985	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	165348	284.837	ug/l	96
59) 2-Hexanone	10.831	43	176278	283.073	ug/l	91
60) Dibromochloromethane	10.983	129	62734	49.311	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51758	49.768	ug/l	99
64) Tetrachloroethene	10.715	164	46632	47.660	ug/l	98
65) Chlorobenzene	11.514	112	147145	47.692	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	62470	55.296	ug/l	97
67) Ethyl Benzene	11.593	91	256532	46.137	ug/l	98
68) m/p-Xylenes	11.703	106	205396	90.997	ug/l	92
69) o-Xylene	12.026	106	99027	47.244	ug/l	92
70) Styrene	12.044	104	195447	54.221	ug/l	93
71) Bromoform	12.209	173	40393	53.935	ug/l #	97
73) Isopropylbenzene	12.330	105	227037	58.839	ug/l	100
74) N-amyl acetate	12.141	43	33411	37.529	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.580	83	65209	82.039	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48726m	87.929	ug/l	
77) Bromobenzene	12.605	156	56242	62.879	ug/l	99
78) n-propylbenzene	12.672	91	245536	55.077	ug/l	99
79) 2-Chlorotoluene	12.757	91	142954	55.592	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	156831	48.492	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	22050	81.670	ug/l #	73
82) 4-Chlorotoluene	12.855	91	147721	53.709	ug/l	97
83) tert-Butylbenzene	13.074	119	148370	51.709	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	171674	53.471	ug/l	98
85) sec-Butylbenzene	13.251	105	188959	43.042	ug/l	99
86) p-Isopropyltoluene	13.367	119	150199	41.028	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86397	45.281	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87705	45.753	ug/l	98
89) n-Butylbenzene	13.696	91	104581	31.226	ug/l	99
90) Hexachloroethane	13.958	117	30002	43.731	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	61439	36.478	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9053	73.361	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	20504	22.182	ug/l	98
94) Hexachlorobutadiene	15.110	225	8112	16.102	ug/l	95
95) Naphthalene	15.232	128	72913	39.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	17425	21.693	ug/l	99

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

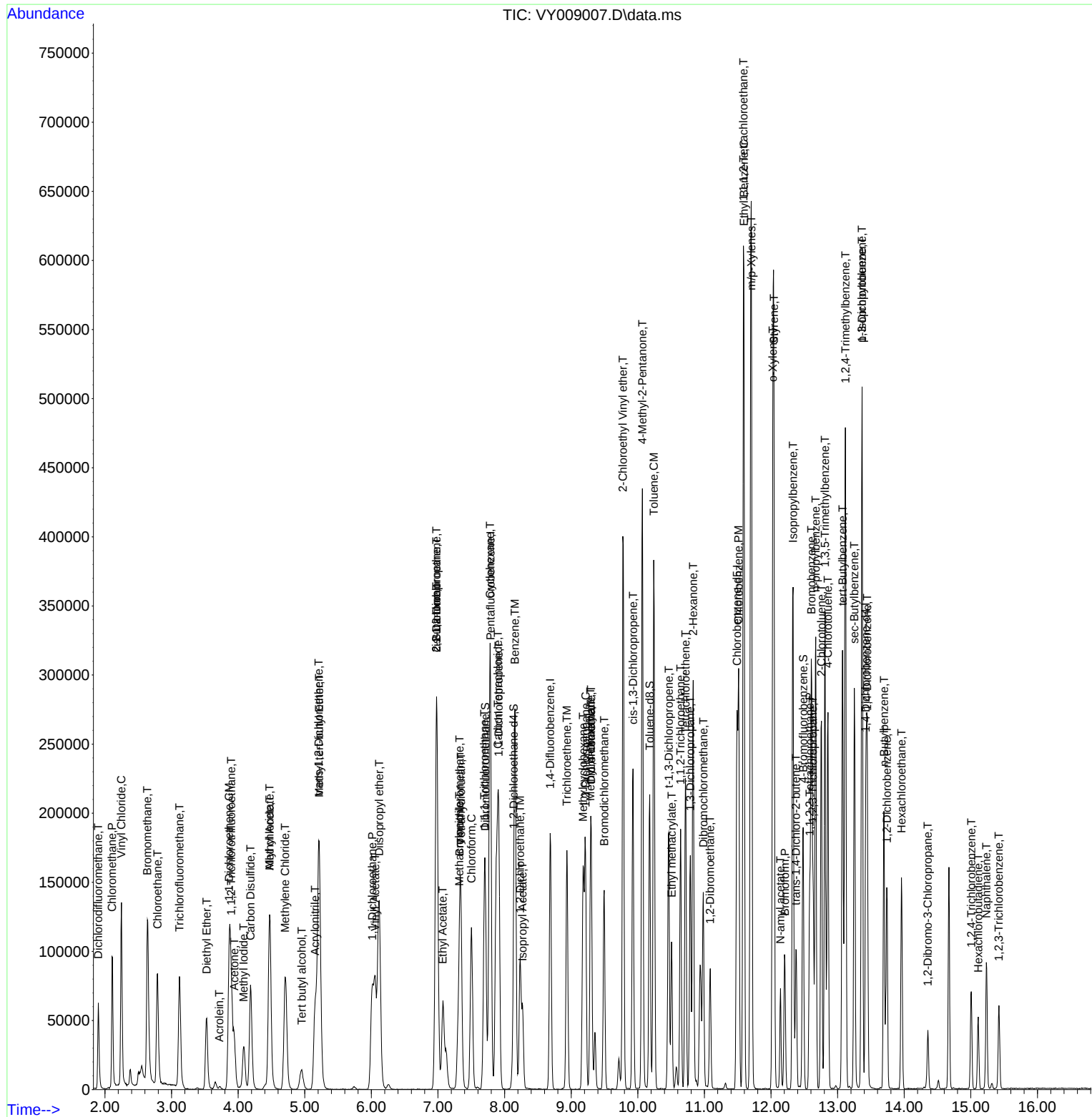
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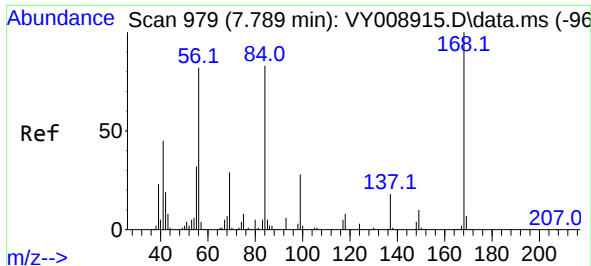
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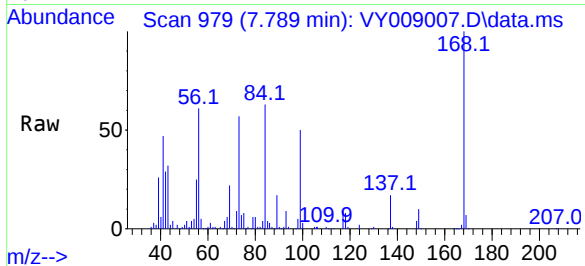
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9168
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

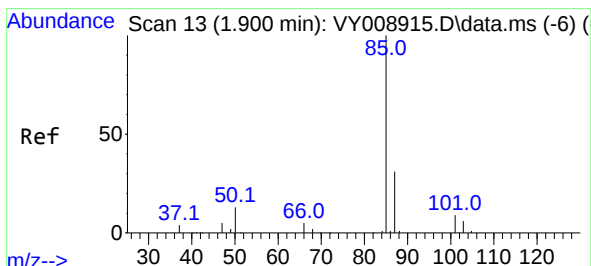
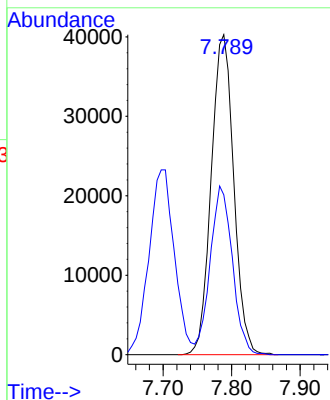
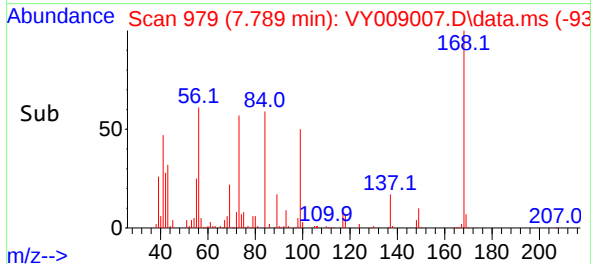
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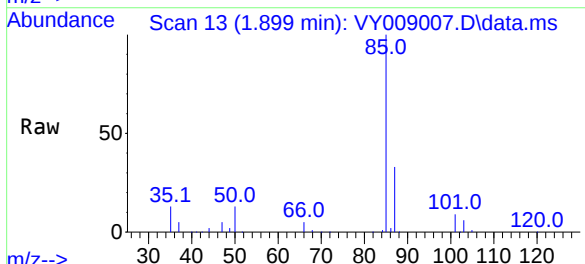
Tgt Ion:168 Resp: 9168
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3

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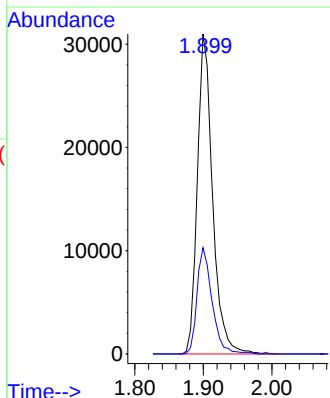
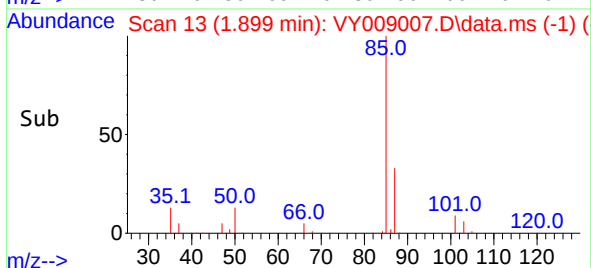
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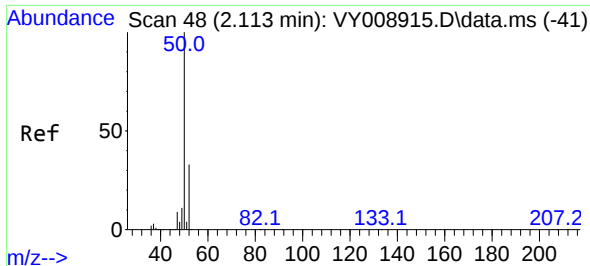


#2
Dichlorodifluoromethane
Concen: 57.237 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



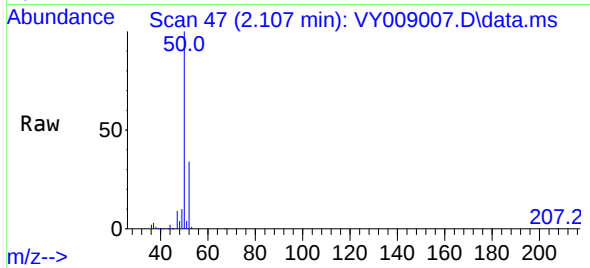
Tgt Ion: 85 Resp: 47998
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





#3
Chloromethane
Concen: 69.151 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

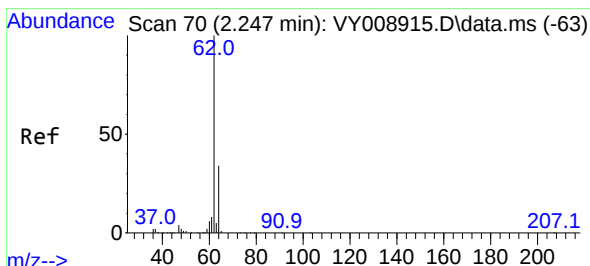
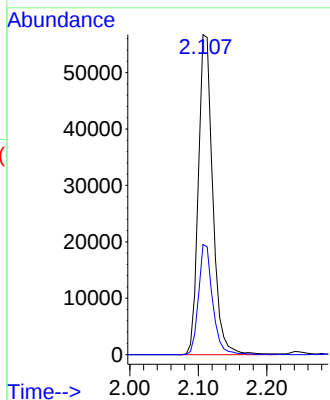
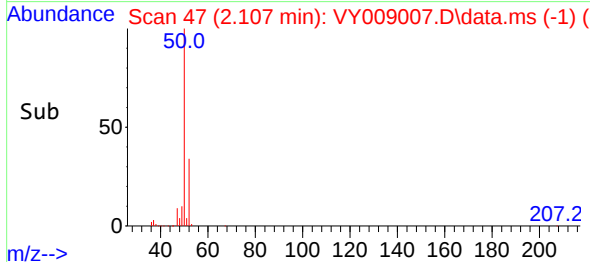
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Tgt Ion: 50 Resp: 83070
Ion Ratio Lower Upper
50 100
52 34.4 24.6 37.0

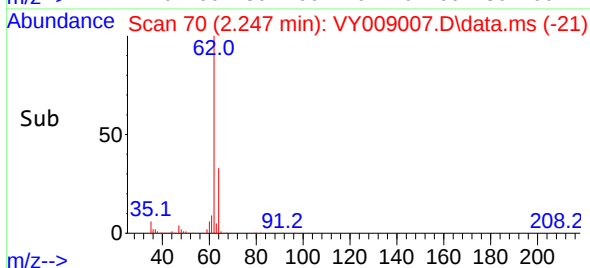
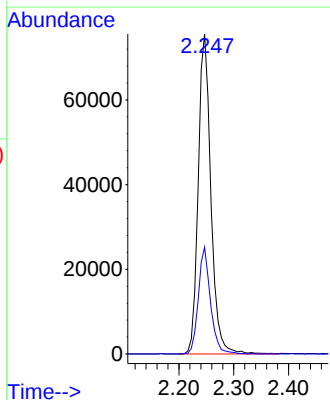
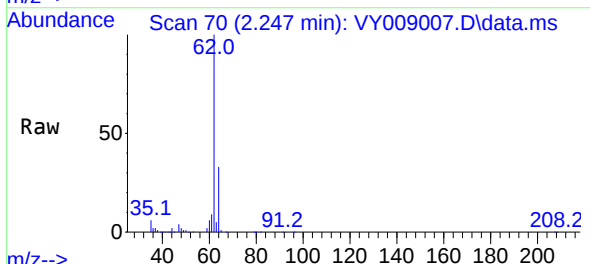
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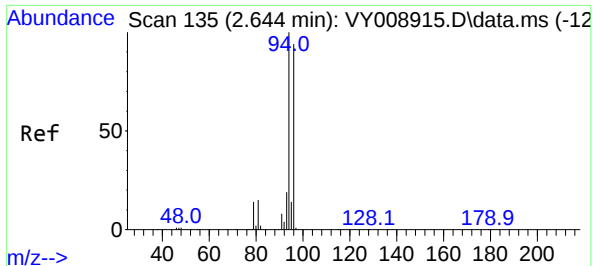
Reviewed By :John Carlone 05/24/2022
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#4
Vinyl Chloride
Concen: 68.182 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

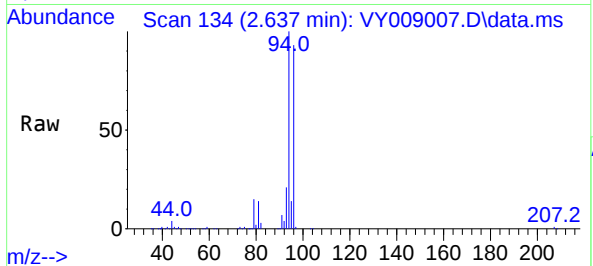
Tgt Ion: 62 Resp: 121355
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6





#5
Bromomethane
Concen: 53.773 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

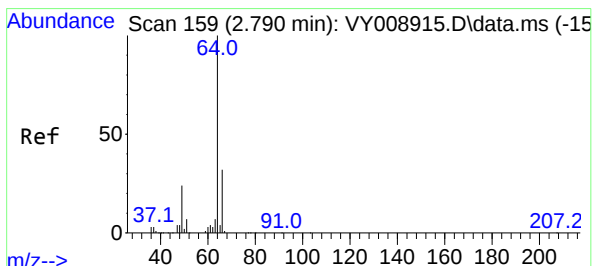
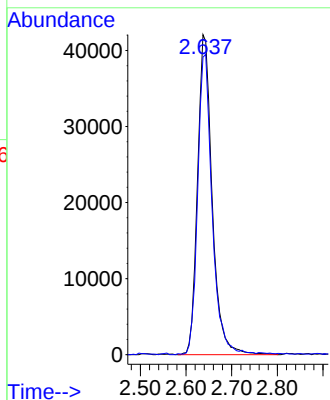
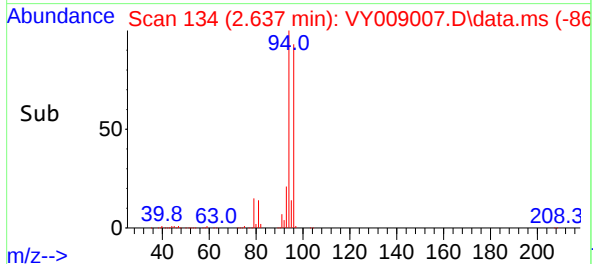
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Tgt Ion: 94 Resp: 9381
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3

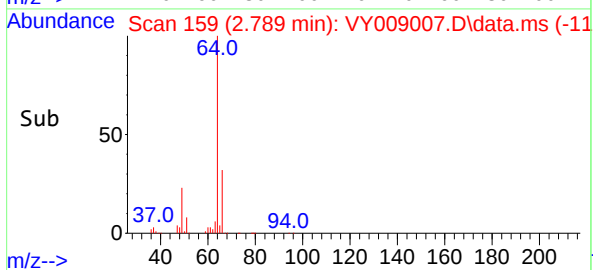
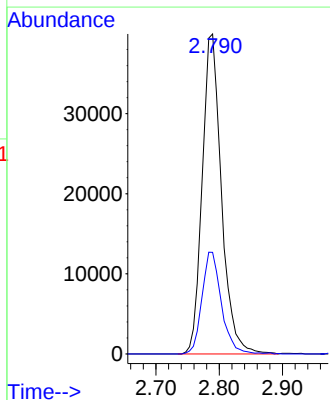
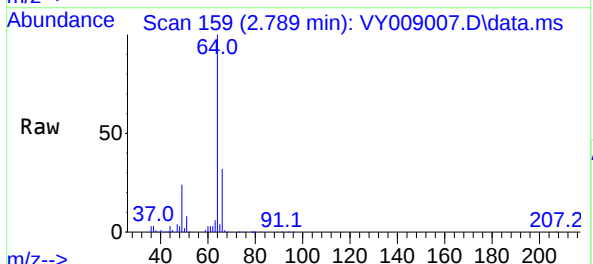
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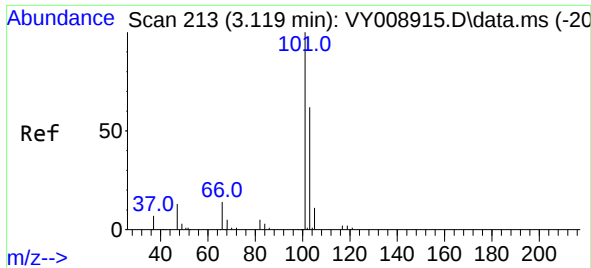
Reviewed By :John Carlone 05/24/2022
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#6
Chloroethane
Concen: 67.077 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.001 min
Lab File: VY009007.D
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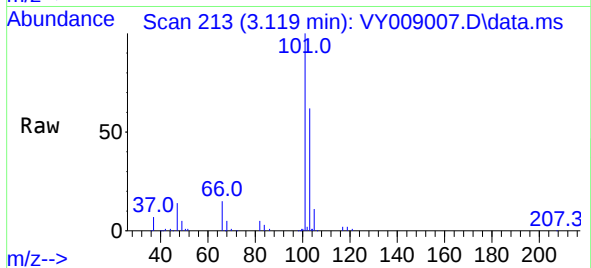
Tgt Ion: 64 Resp: 84580
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 54.299 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

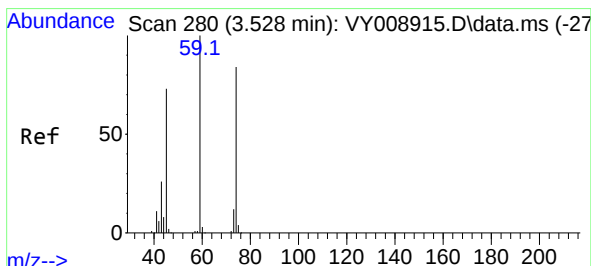
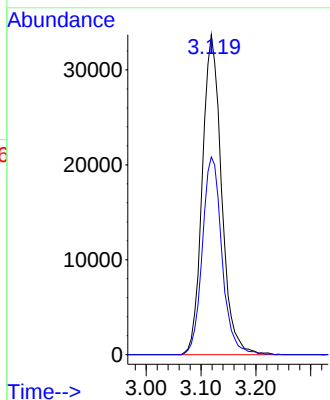
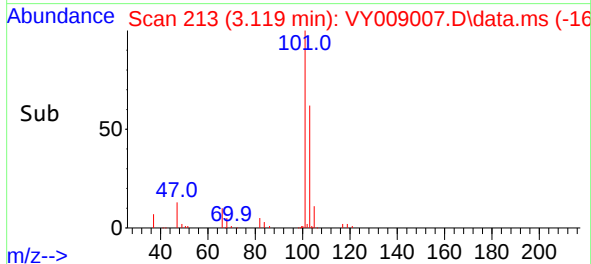
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Tgt Ion:101 Resp: 82074
Ion Ratio Lower Upper
101 100
103 61.8 48.0 72.0

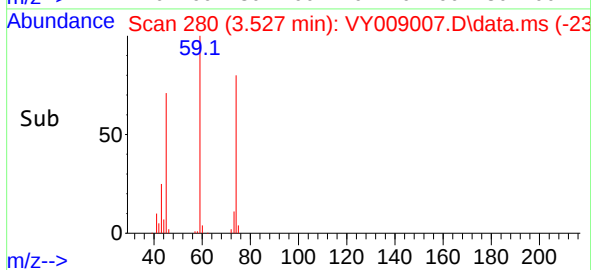
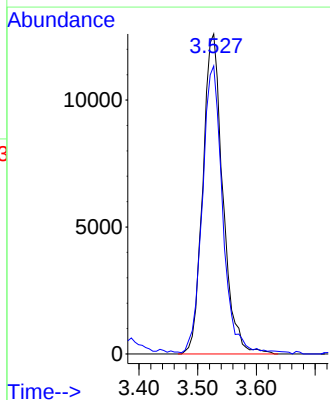
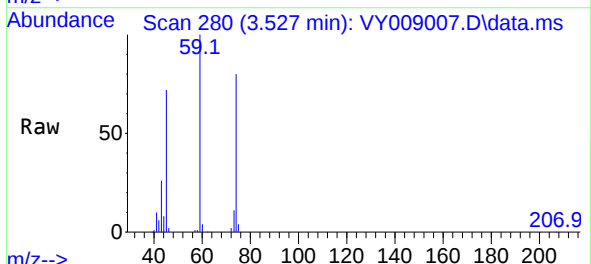
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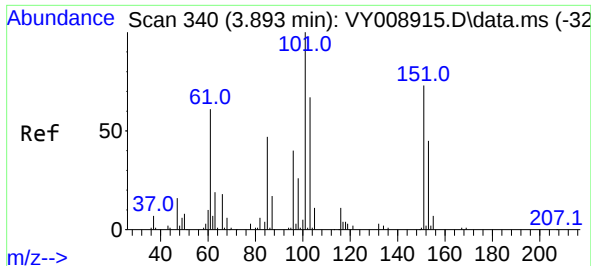
Reviewed By :John Carlone 05/24/2022
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#8
Diethyl Ether
Concen: 63.037 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Tgt Ion: 74 Resp: 29793
Ion Ratio Lower Upper
74 100
45 92.1 55.1 165.5





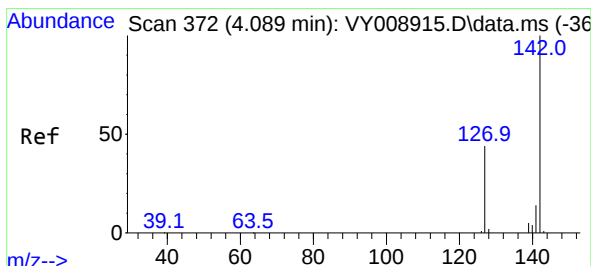
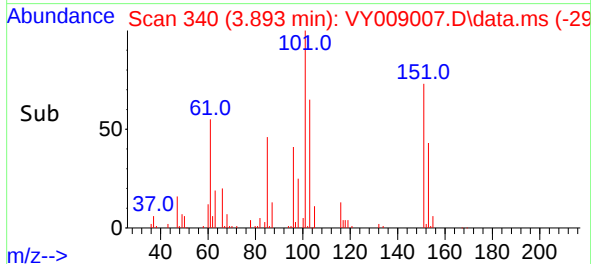
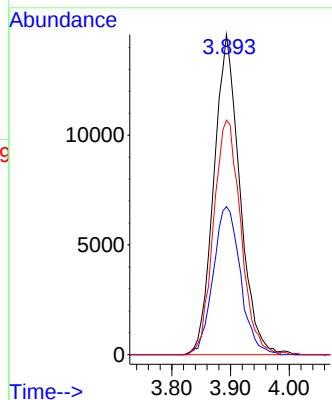
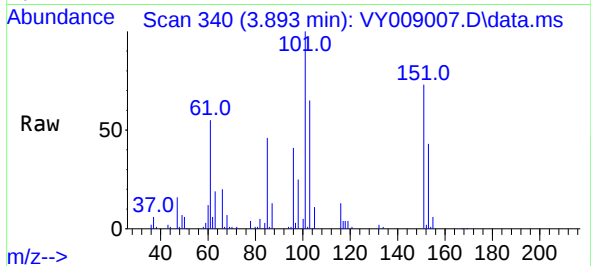
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.998 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD

Tgt Ion:101 Resp: 44589
Ion Ratio Lower Upper
101 100
85 48.9 40.6 60.8
151 77.3 64.9 97.3

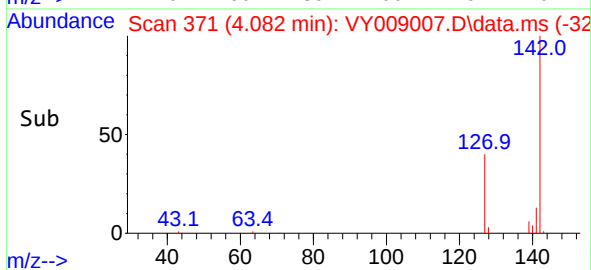
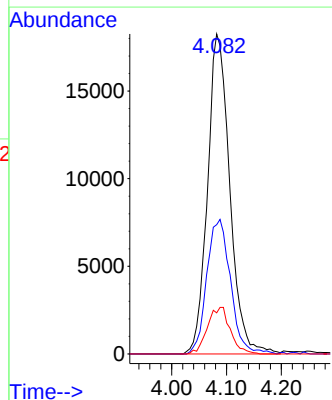
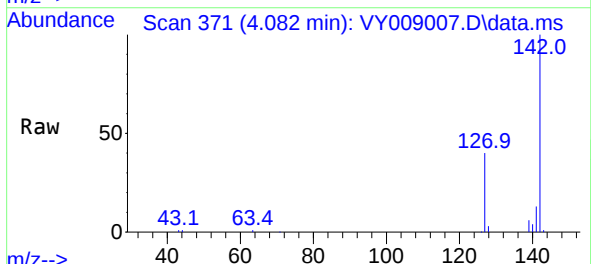
Manual Integrations
APPROVED

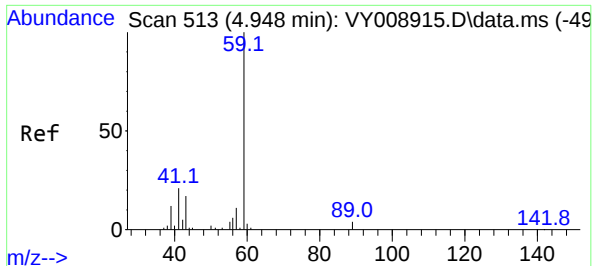
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 53.738 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

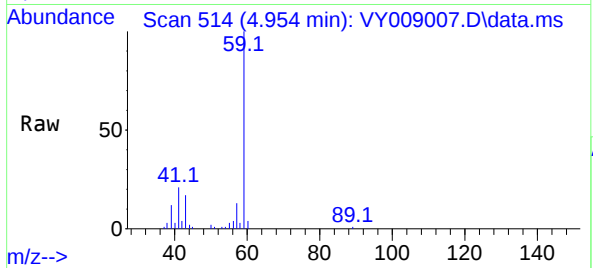
Tgt Ion:142 Resp: 51549
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 15.0 11.9 17.9





#11
Tert butyl alcohol
Concen: 277.359 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

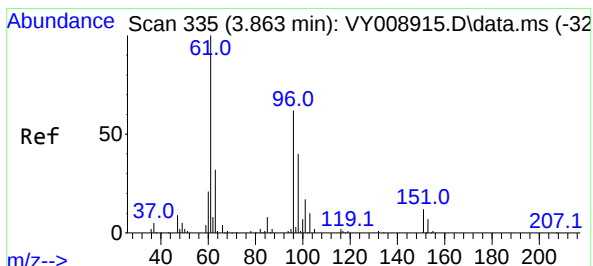
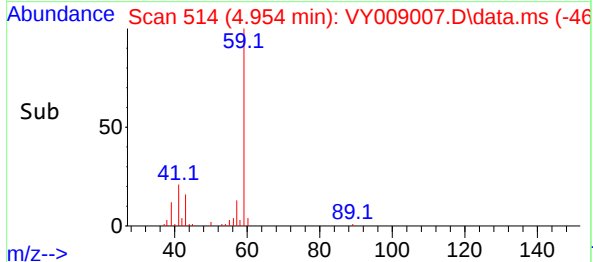
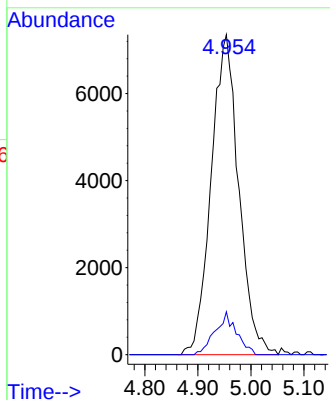
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 59 Resp: 2654
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6

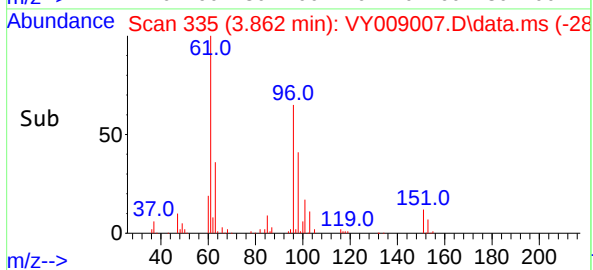
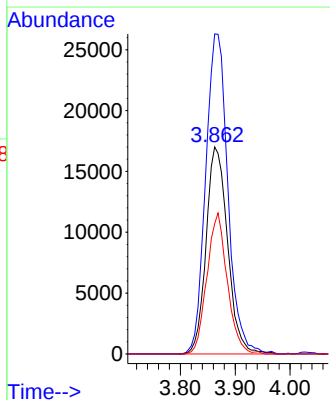
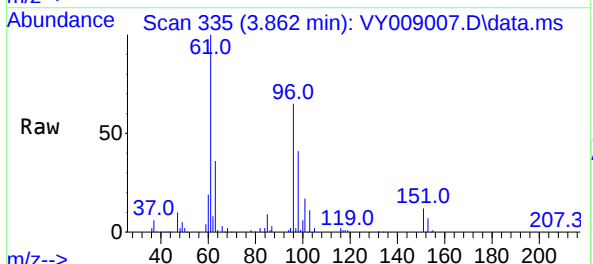
Manual Integrations
APPROVED

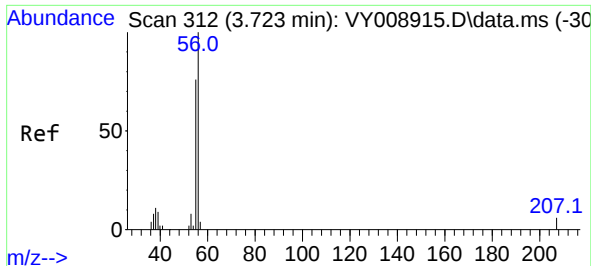
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#12
1,1-Dichloroethene
Concen: 53.757 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

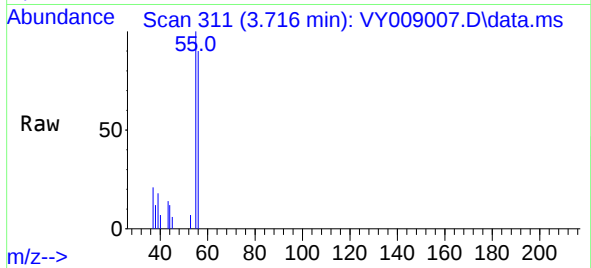
Tgt Ion: 96 Resp: 46359
Ion Ratio Lower Upper
96 100
61 154.5 145.8 218.6
98 62.9 52.5 78.7





#13
Acrolein
Concen: 54.849 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

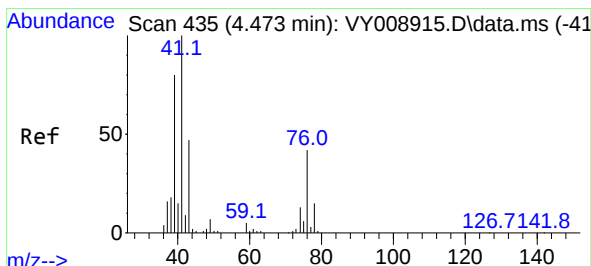
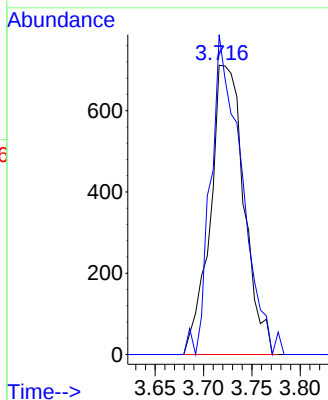
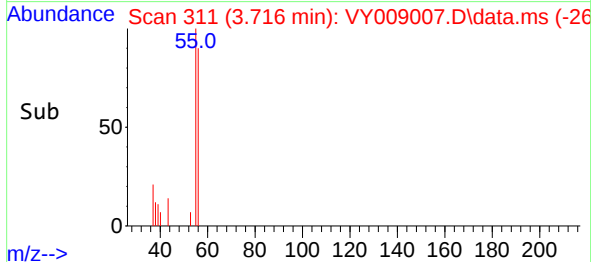
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



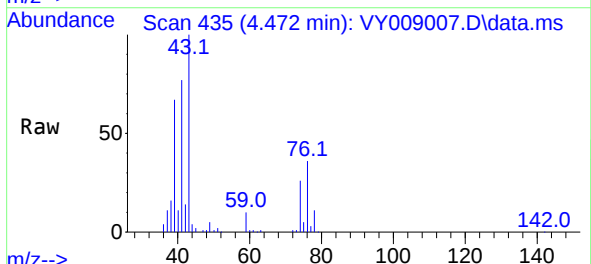
Tgt Ion: 56 Resp: 1728
Ion Ratio Lower Upper
56 100
55 101.2 57.6 86.4

Manual Integrations
APPROVED

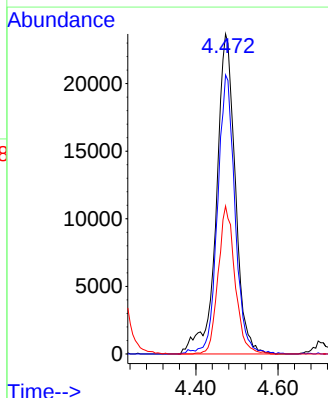
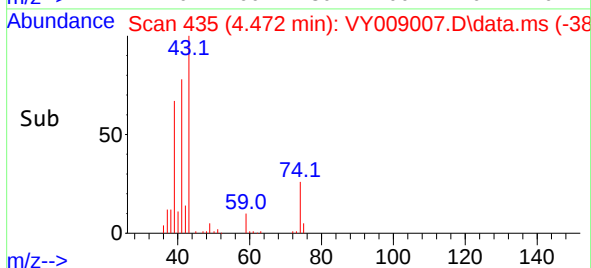
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

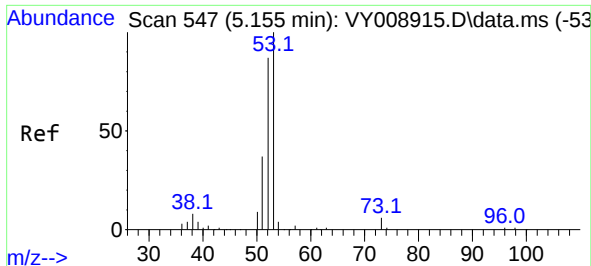


#14
Allyl chloride
Concen: 58.319 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



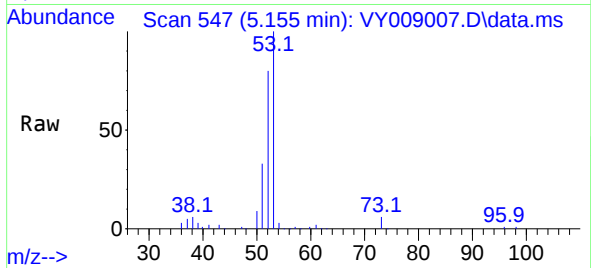
Tgt Ion: 41 Resp: 75793
Ion Ratio Lower Upper
41 100
39 80.3 58.8 88.2
76 41.0 25.1 37.7





#15
Acrylonitrile
Concen: 302.832 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

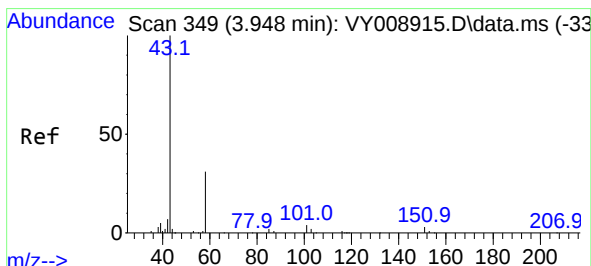
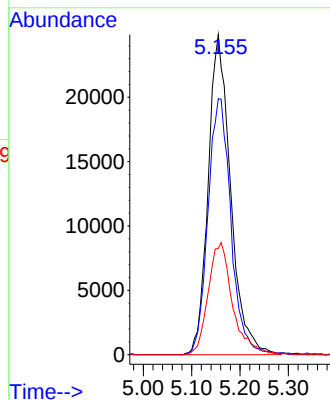
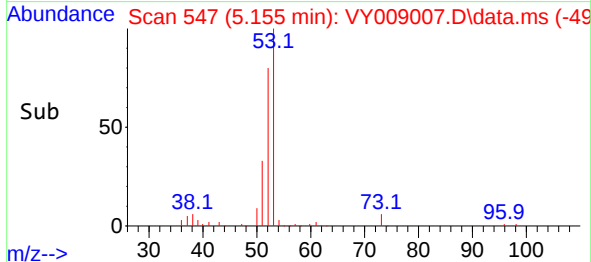
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



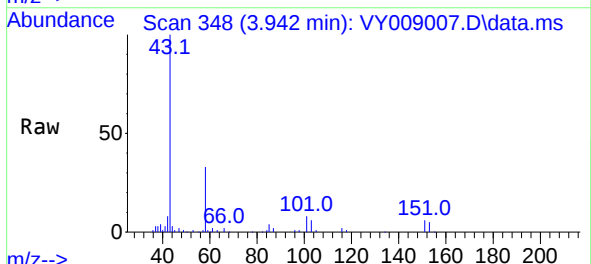
Tgt Ion: 53 Resp: 80138
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 37.9 29.8 44.6

Manual Integrations
APPROVED

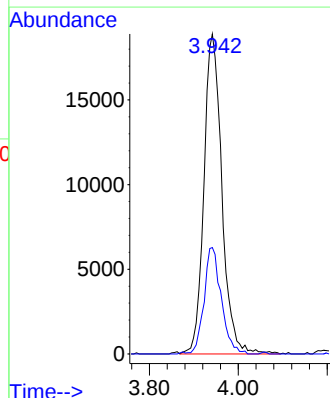
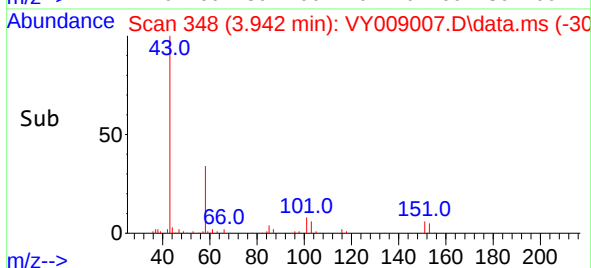
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

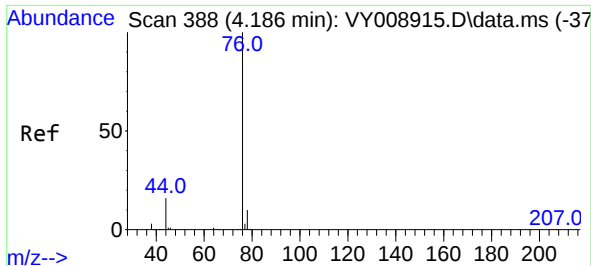


#16
Acetone
Concen: 270.903 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



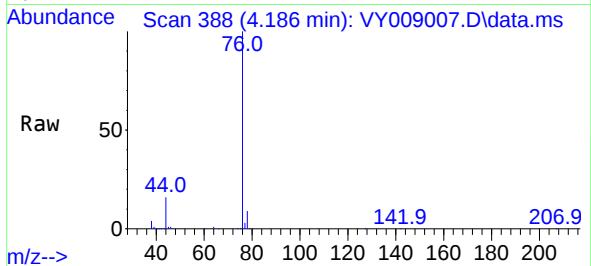
Tgt Ion: 43 Resp: 53211
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 52.145 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

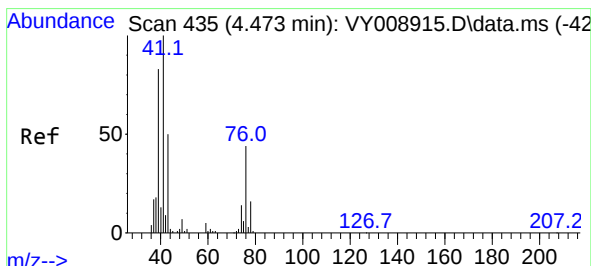
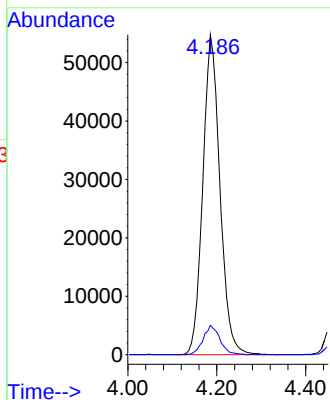
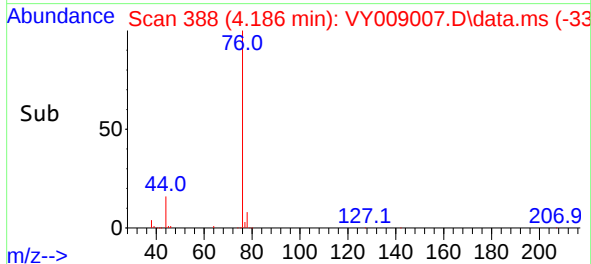
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



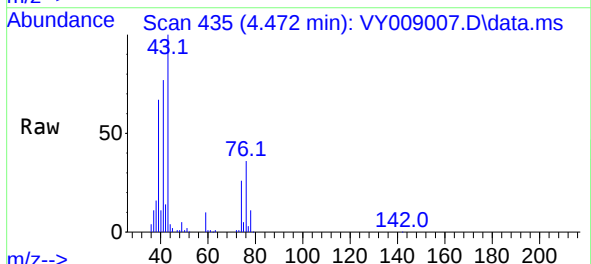
Tgt Ion: 76 Resp: 146912
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

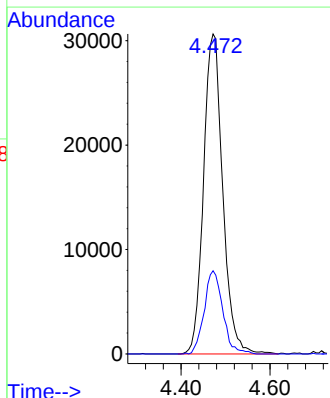
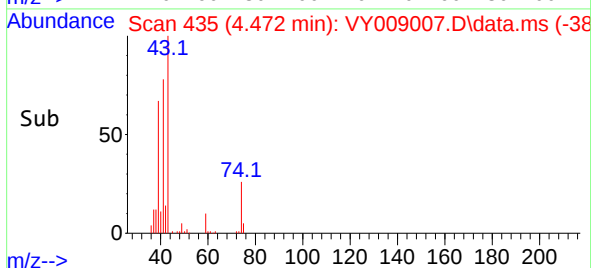
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

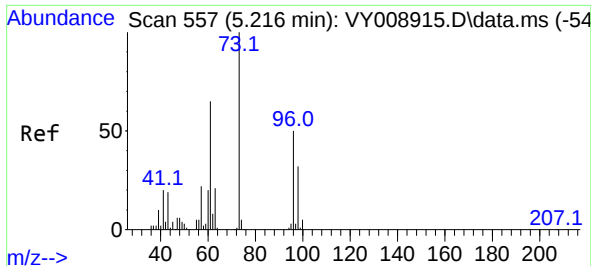


#18
Methyl Acetate
Concen: 150.413 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



Tgt Ion: 43 Resp: 92000
Ion Ratio Lower Upper
43 100
74 25.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 60.877 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY009007.D

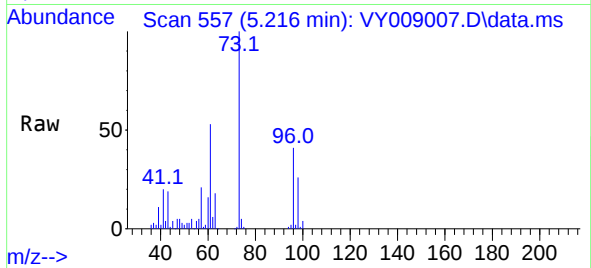
Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD



Tgt Ion: 73 Resp: 15757

Ion Ratio Lower Upper

73 100

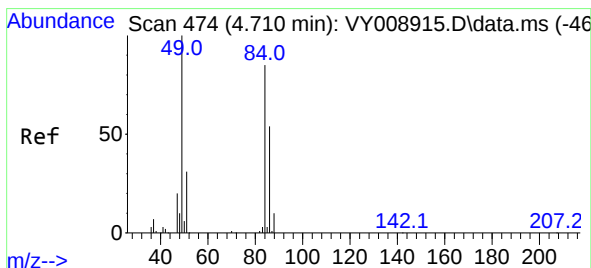
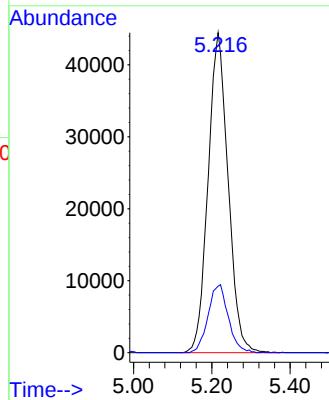
57 20.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#20

Methylene Chloride

Concen: 58.274 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY009007.D

Acq: 23 May 2022 15:30

Tgt Ion: 84 Resp: 62481

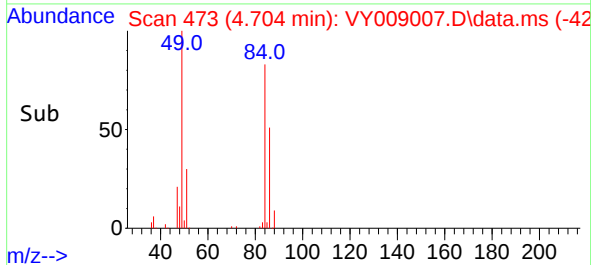
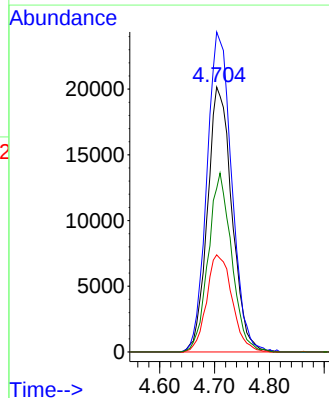
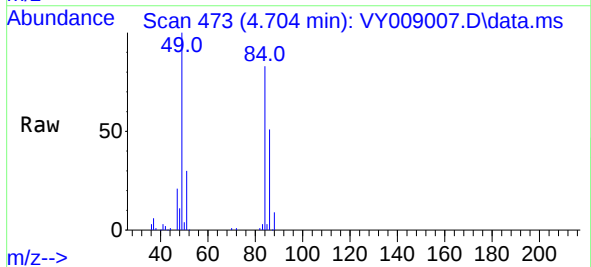
Ion Ratio Lower Upper

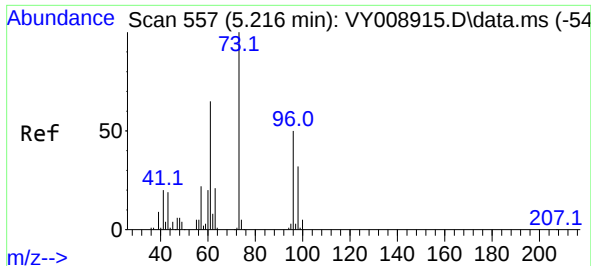
84 100

49 120.8 114.4 171.6

51 36.7 35.3 52.9

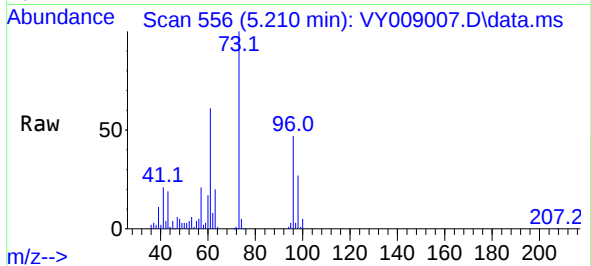
86 61.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 53.259 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

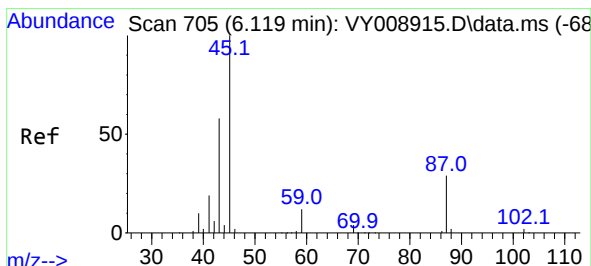
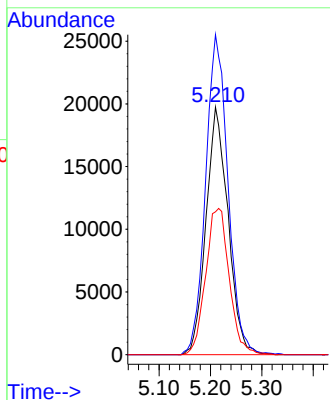
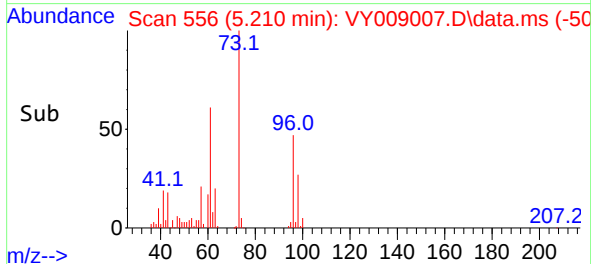
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



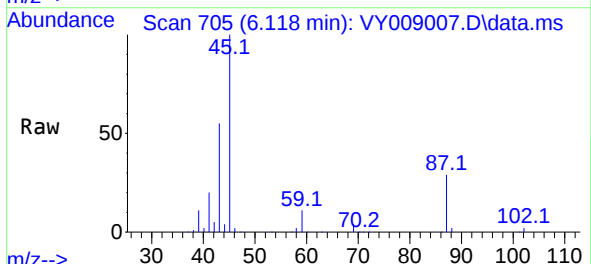
Tgt Ion: 96 Resp: 58952
Ion Ratio Lower Upper
96 100
61 129.3 120.5 180.7
98 57.7 49.8 74.8

Manual Integrations
APPROVED

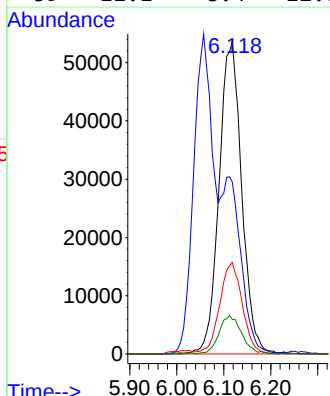
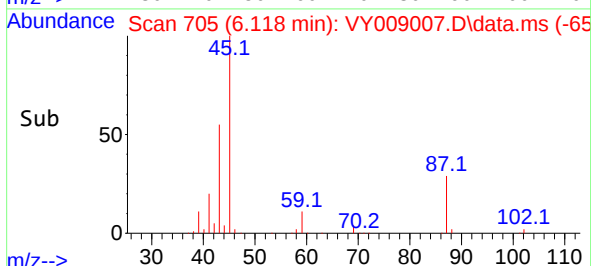
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

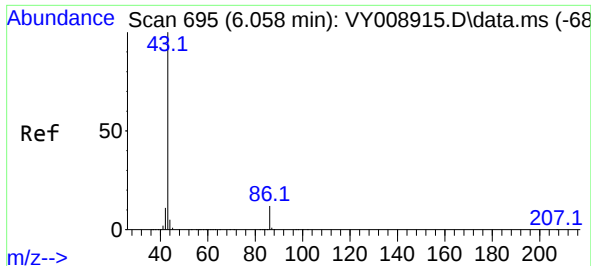


#22
Diisopropyl ether
Concen: 57.450 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



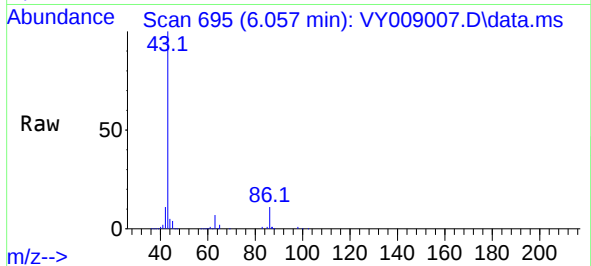
Tgt Ion: 45 Resp: 179377
Ion Ratio Lower Upper
45 100
43 54.6 49.3 73.9
87 29.3 19.2 28.8#
59 11.1 8.4 12.6





#23
 Vinyl Acetate
 Concen: 120.468 ug/l m
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY009007.D
 Acq: 23 May 2022 15:30

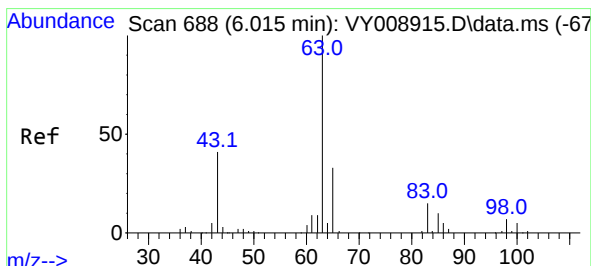
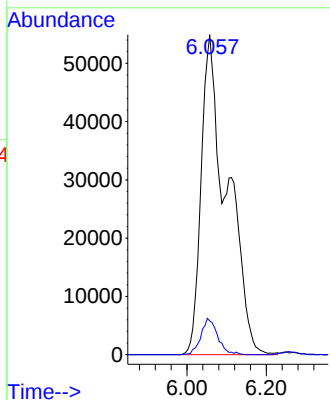
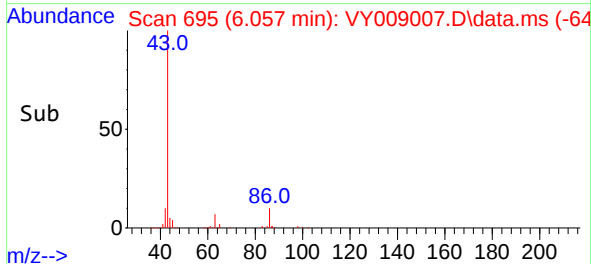
Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MSD



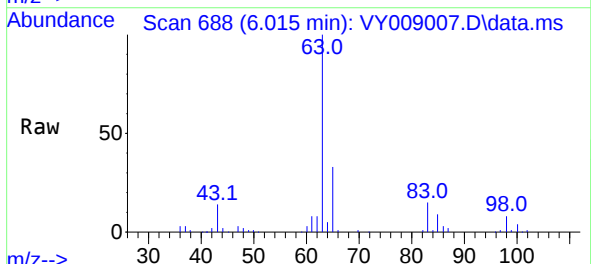
Tgt Ion: 43 Resp: 248808
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
 APPROVED

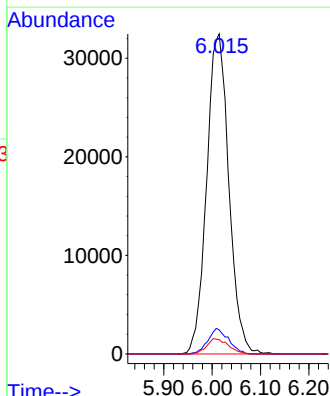
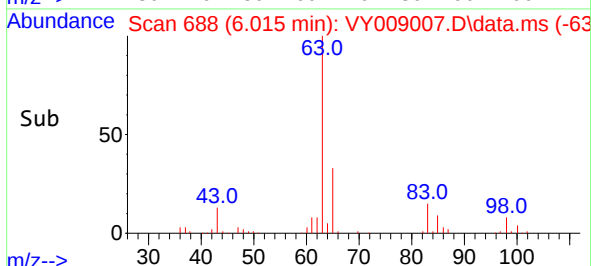
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

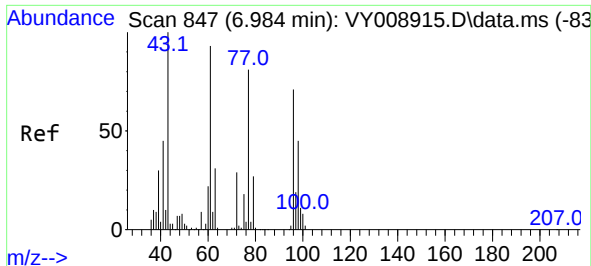


#24
 1,1-Dichloroethane
 Concen: 55.383 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009007.D
 Acq: 23 May 2022 15:30



Tgt Ion: 63 Resp: 103428
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 292.100 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY009007.D

Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD

Tgt Ion: 43 Resp: 10247

Ion Ratio Lower Upper

43 100

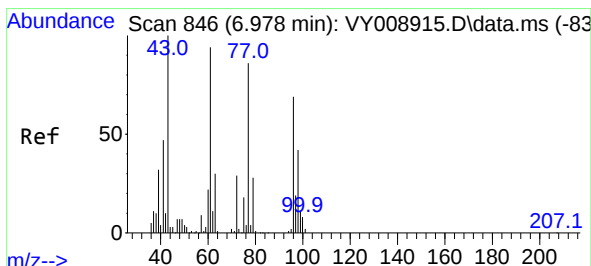
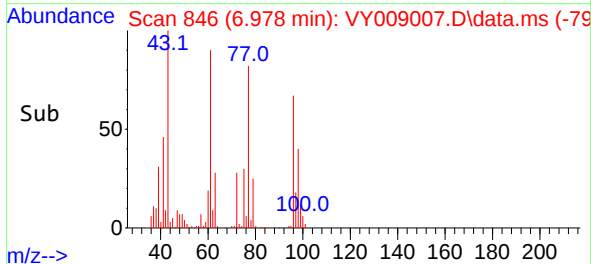
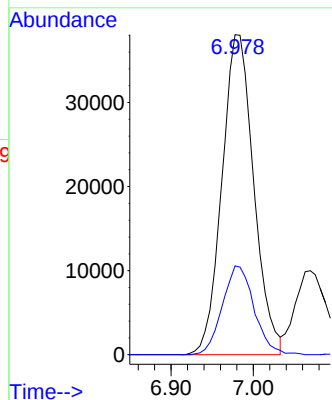
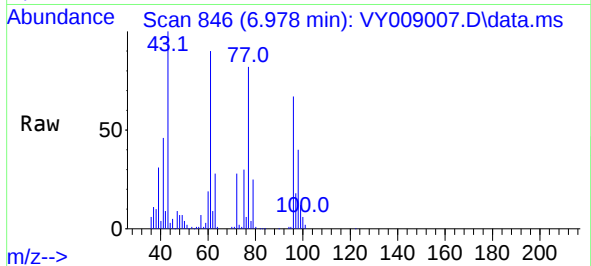
72 27.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 54.340 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009007.D

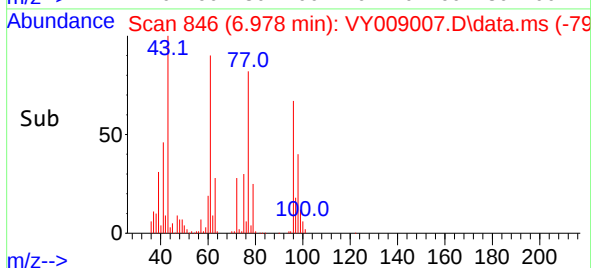
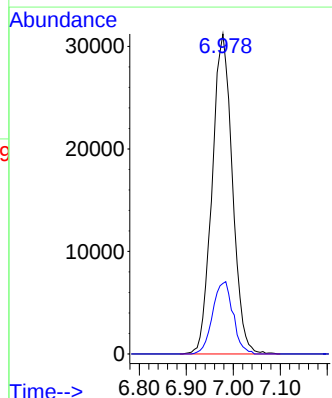
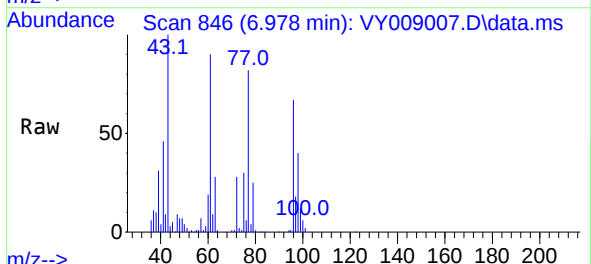
Acq: 23 May 2022 15:30

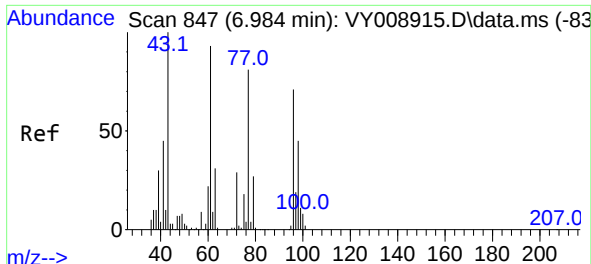
Tgt Ion: 77 Resp: 93480

Ion Ratio Lower Upper

77 100

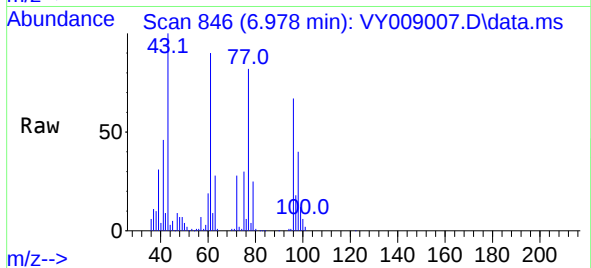
97 22.7 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 54.491 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

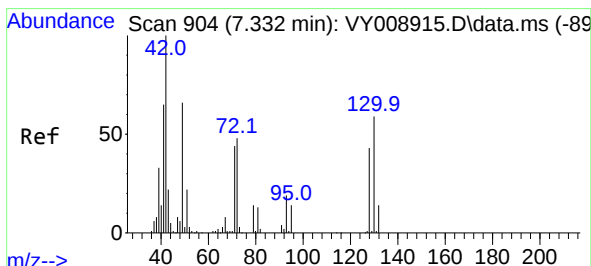
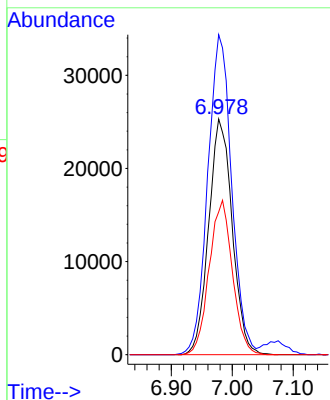
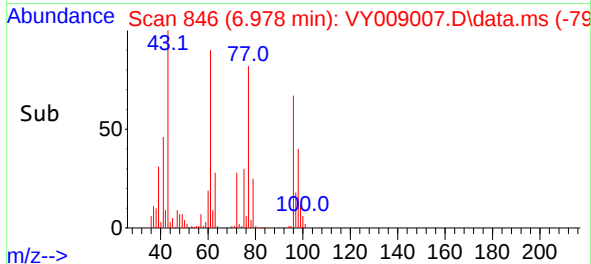
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 96 Resp: 67992
Ion Ratio Lower Upper
96 100
61 137.6 0.0 319.8
98 64.6 0.0 127.0

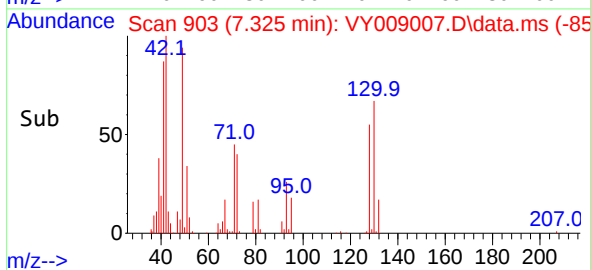
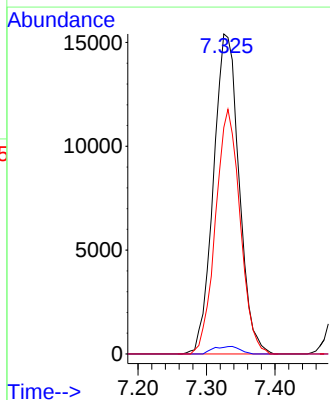
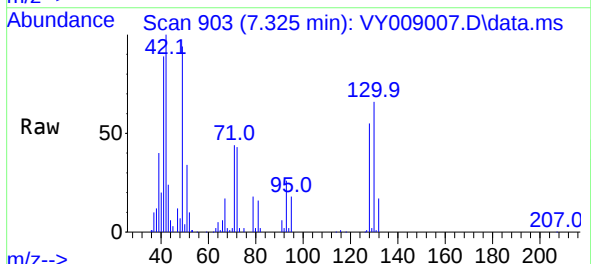
Manual Integrations
APPROVED

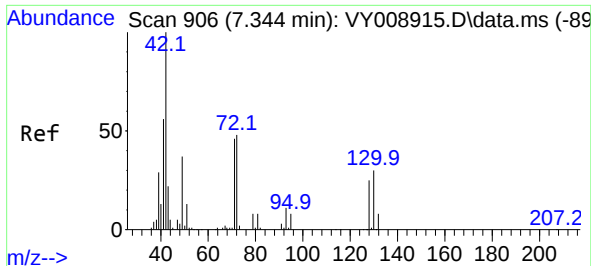
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 62.356 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

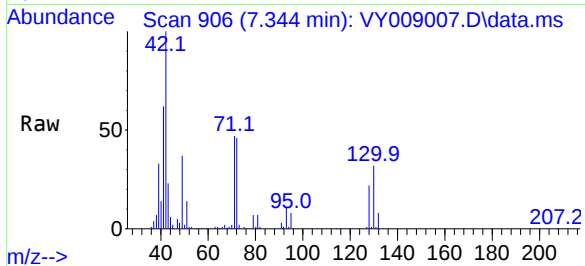
Tgt Ion: 49 Resp: 39970
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 73.4 55.4 83.0





#29
Tetrahydrofuran
Concen: 309.437 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

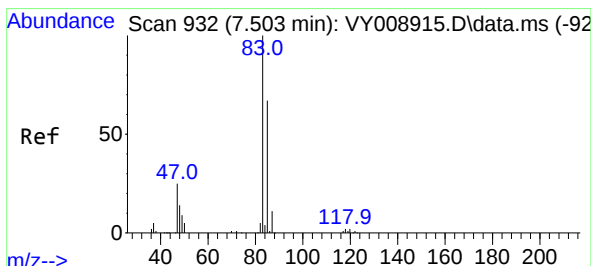
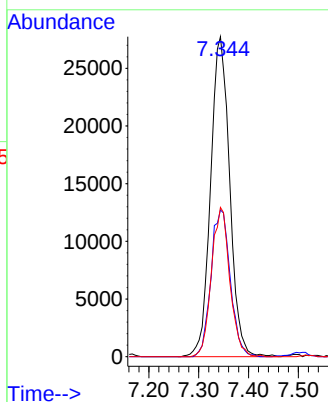
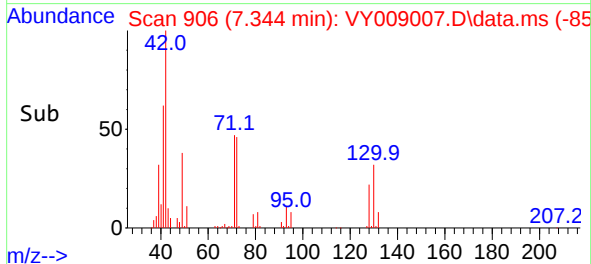
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



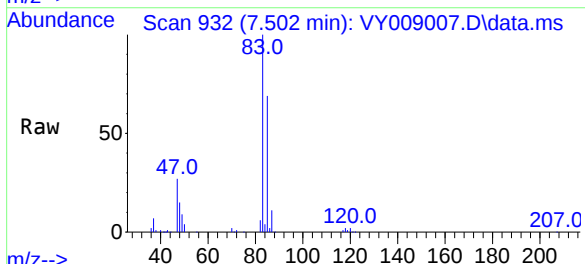
Tgt Ion: 42 Resp: 7374
Ion Ratio Lower Upper
42 100
72 46.4 30.3 45.5
71 44.8 29.0 43.4

Manual Integrations
APPROVED

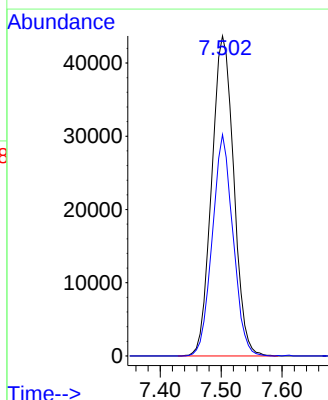
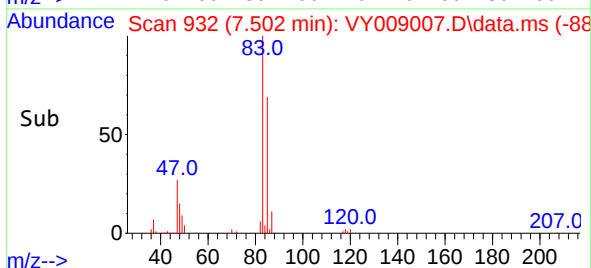
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

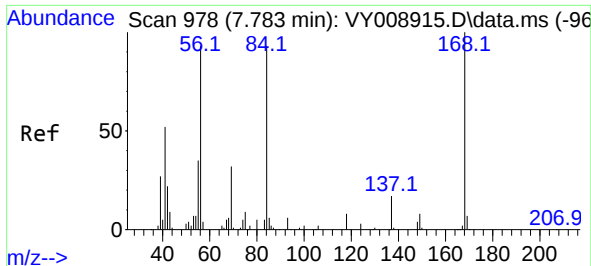


#30
Chloroform
Concen: 54.388 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



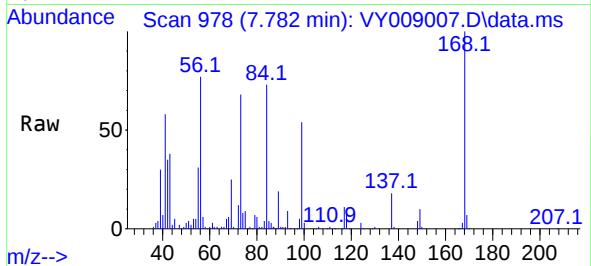
Tgt Ion: 83 Resp: 109640
Ion Ratio Lower Upper
83 100
85 69.1 51.8 77.6





#31
Cyclohexane
Concen: 40.344 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

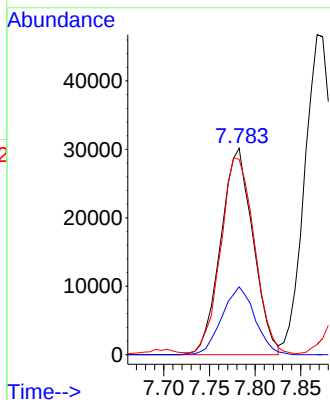
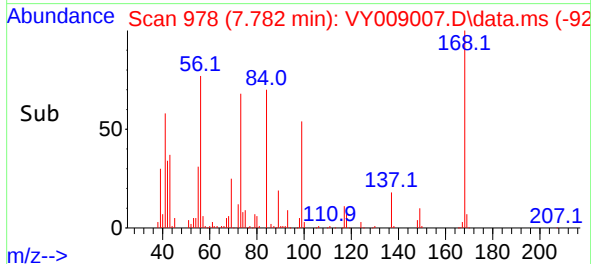
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



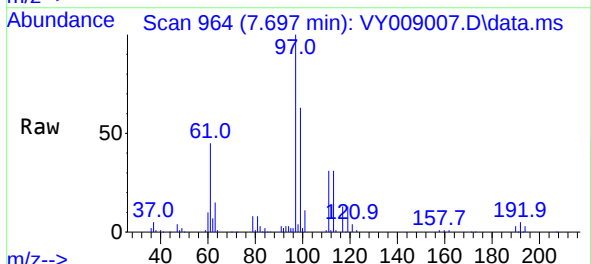
Tgt Ion: 56 Resp: 7447
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 93.4 67.2 100.8

Manual Integrations
APPROVED

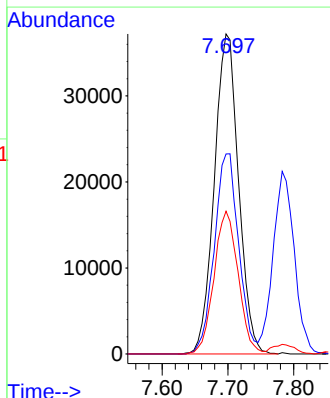
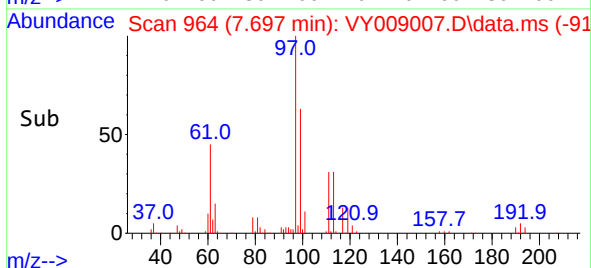
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

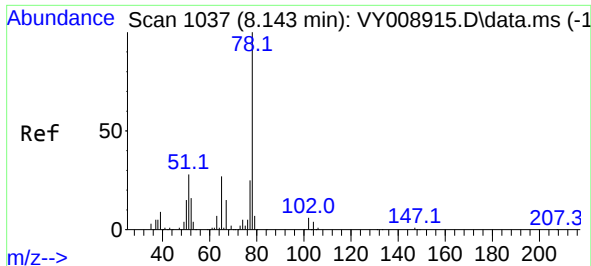


#32
1,1,1-Trichloroethane
Concen: 52.231 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



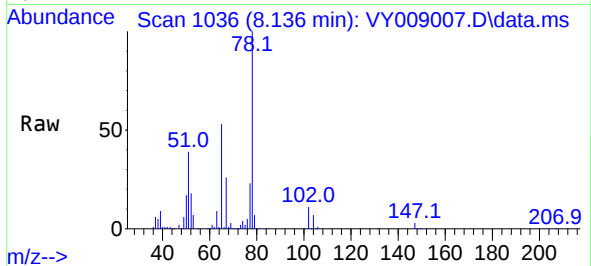
Tgt Ion: 97 Resp: 95526
Ion Ratio Lower Upper
97 100
99 63.2 50.7 76.1
61 44.4 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 48.873 ug/l
RT: 8.136 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

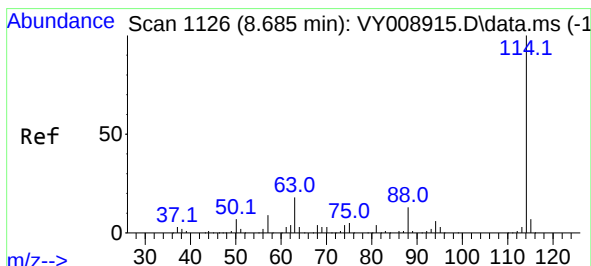
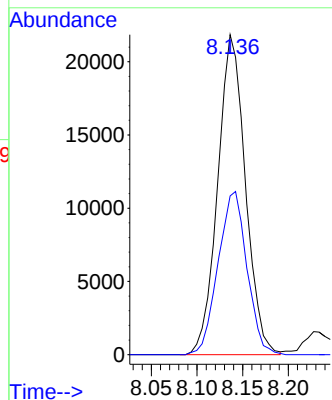
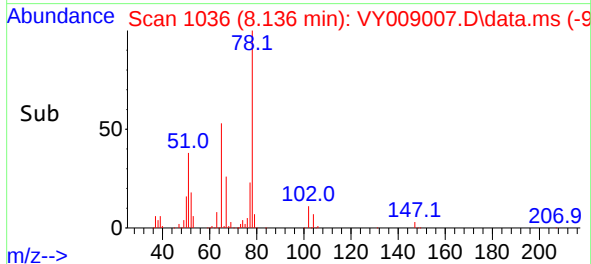
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 65 Resp: 4611
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

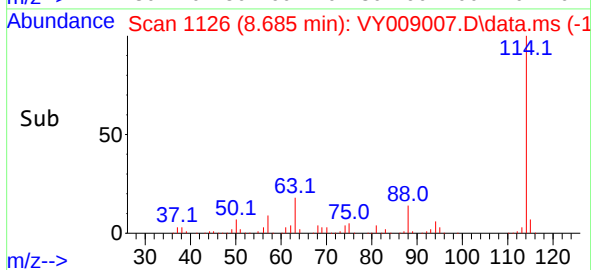
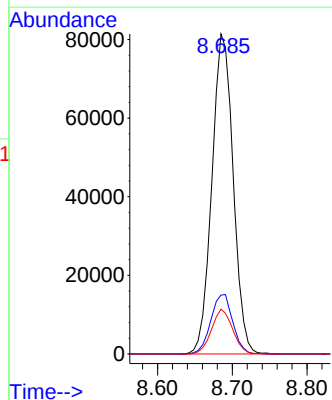
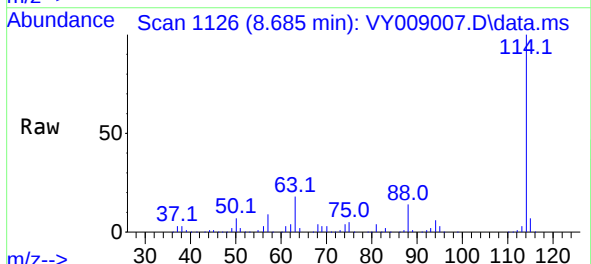
Manual Integrations
APPROVED

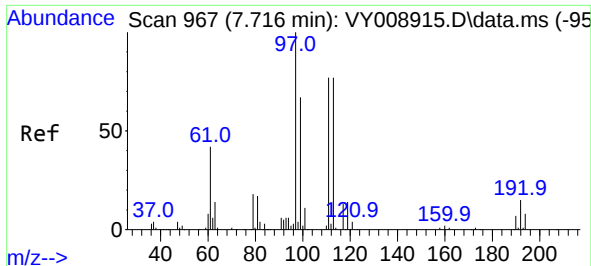
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

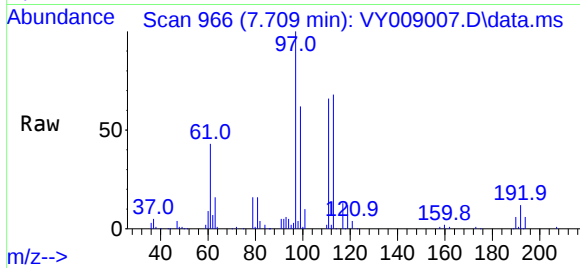
Tgt Ion:114 Resp: 161008
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 14.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.865 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

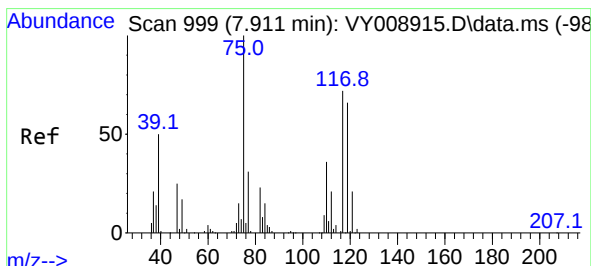
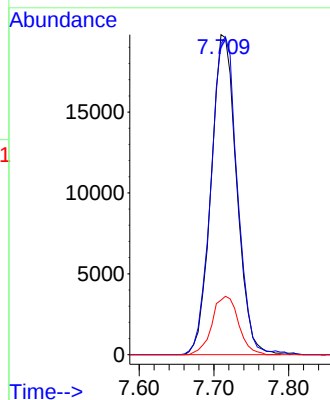
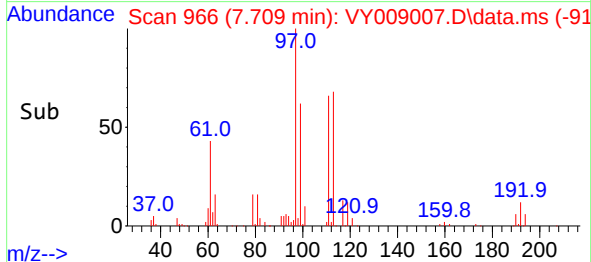
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion:113 Resp: 4692
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.9 17.6 26.4

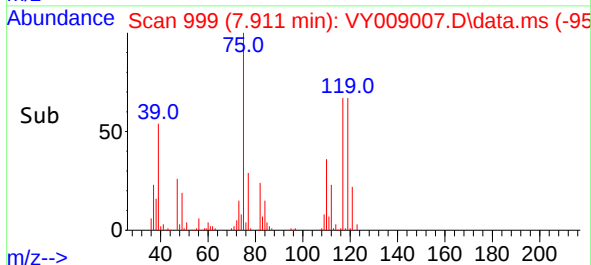
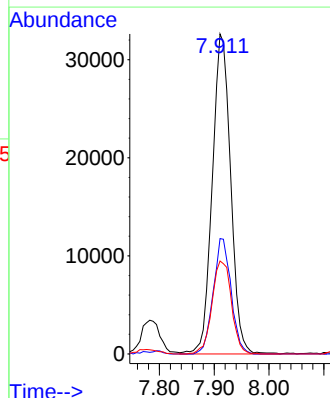
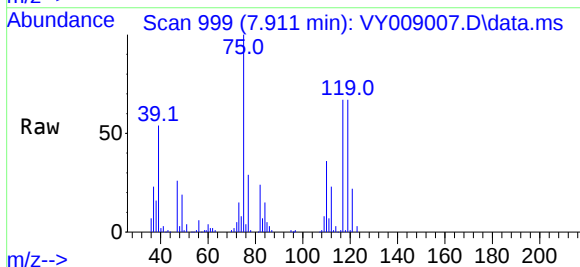
Manual Integrations
APPROVED

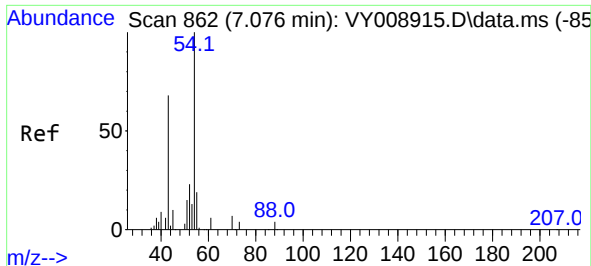
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#36
1,1-Dichloropropene
Concen: 44.489 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

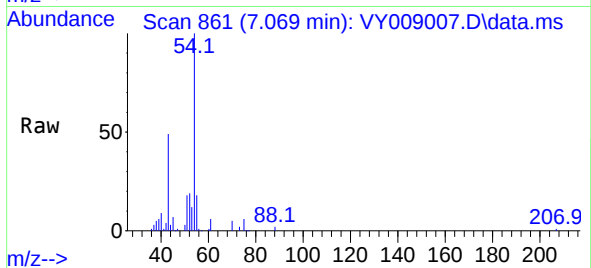
Tgt Ion: 75 Resp: 75803
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 31.182 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

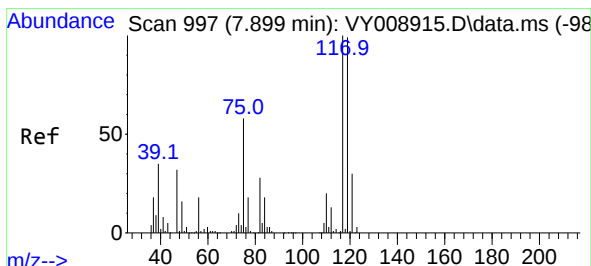
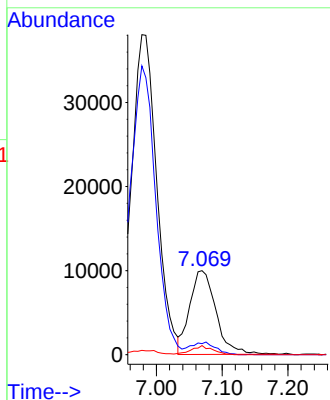
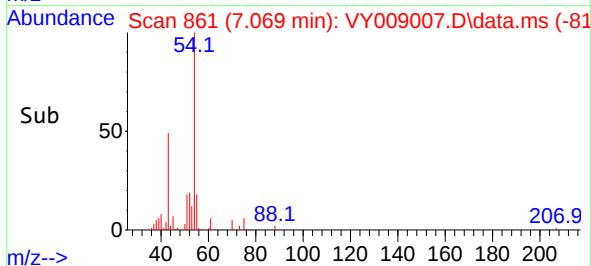
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 43 Resp: 27560
Ion Ratio Lower Upper
43 100
61 14.4 9.7 14.5
70 8.7 7.1 10.7

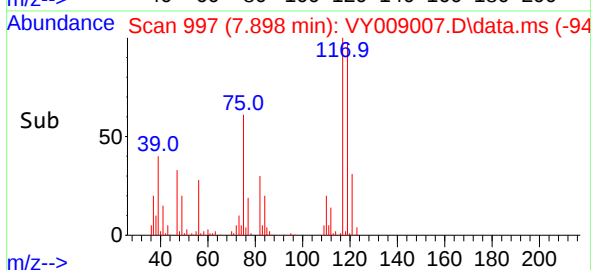
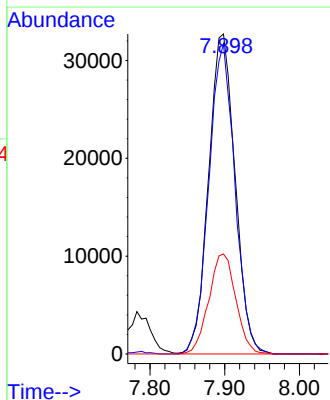
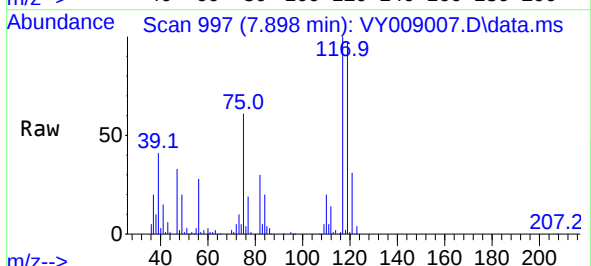
Manual Integrations
APPROVED

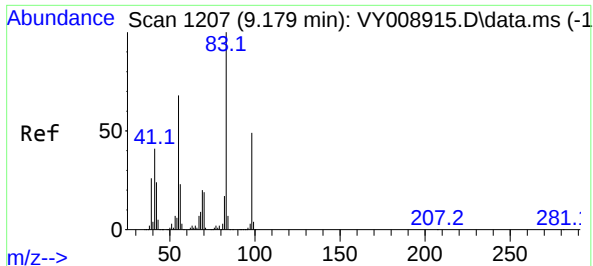
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 45.109 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Tgt Ion:117 Resp: 80402
Ion Ratio Lower Upper
117 100
119 96.9 77.9 116.9
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 29.443 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009007.D

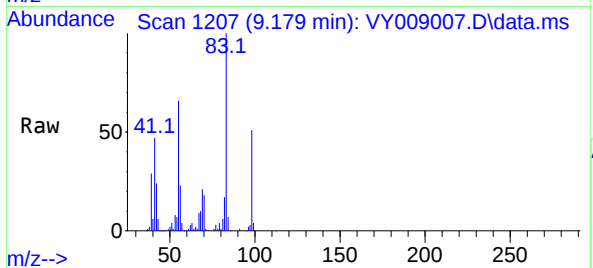
Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD



Tgt Ion: 83 Resp: 6475

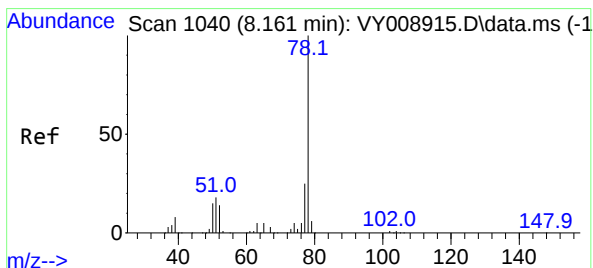
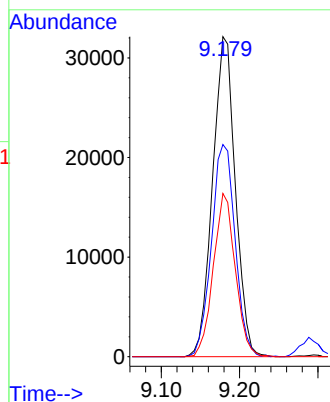
Ion	Ratio	Lower	Upper
83	100		
55	66.3	66.5	99.7
98	51.0	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 50.946 ug/l

RT: 8.154 min Scan# 1039

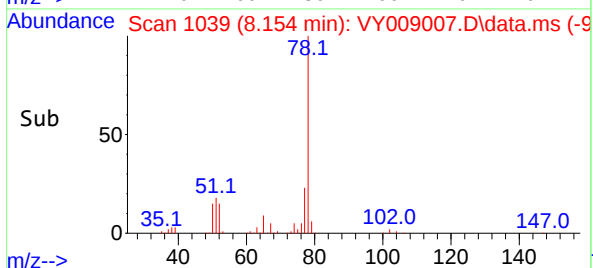
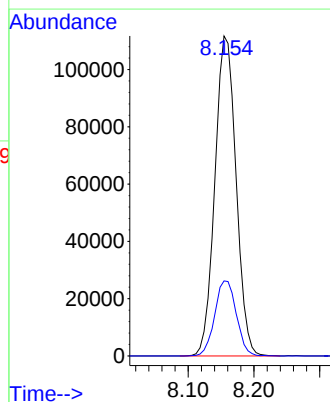
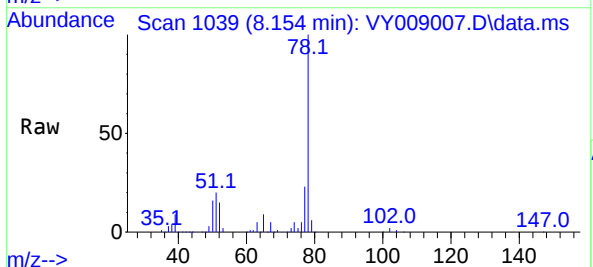
Delta R.T. -0.007 min

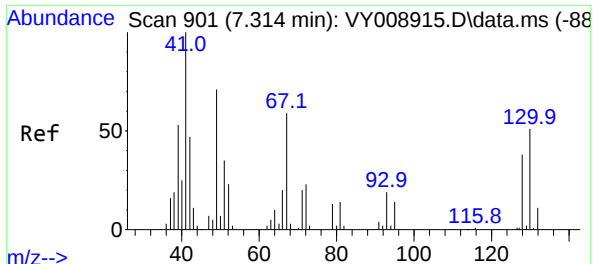
Lab File: VY009007.D

Acq: 23 May 2022 15:30

Tgt Ion: 78 Resp: 250315

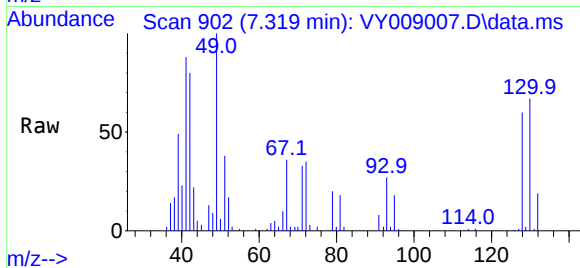
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.4	30.6





#41
Methacrylonitrile
Concen: 55.195 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.005 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

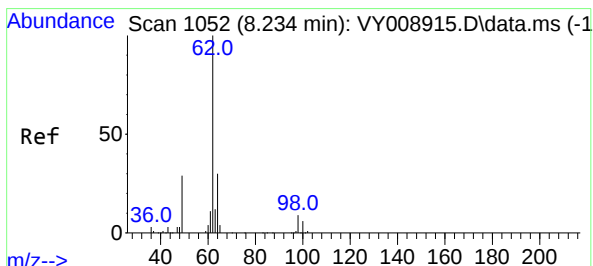
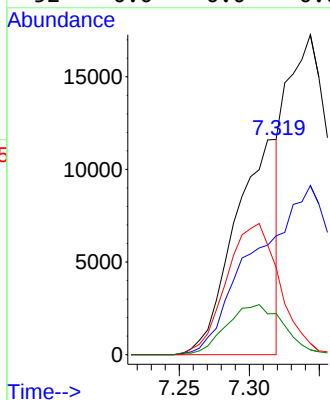
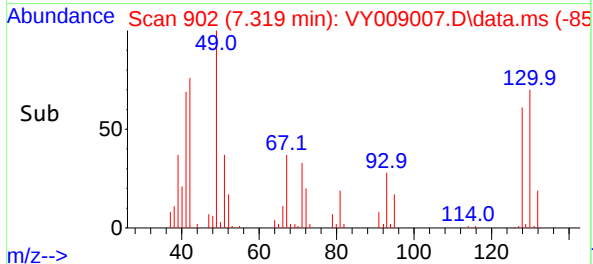
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 41 Resp: 25174
Ion Ratio Lower Upper
41 100
39 141.4 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

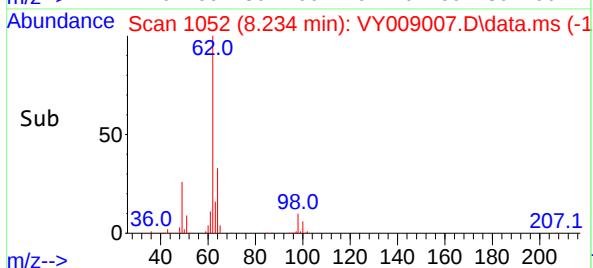
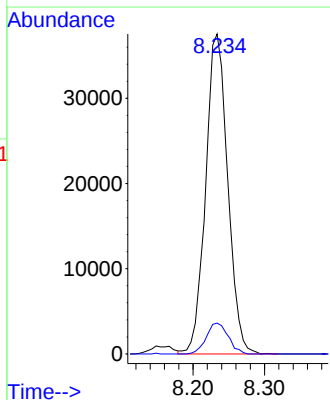
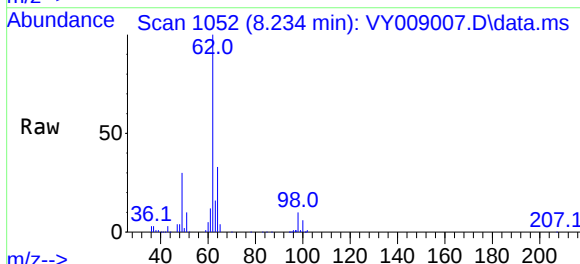
Manual Integrations
APPROVED

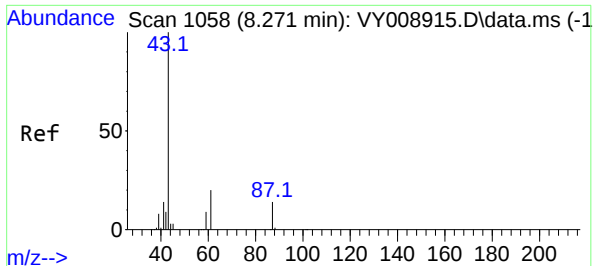
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 55.803 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

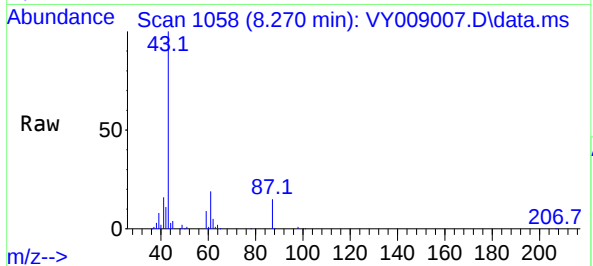
Tgt Ion: 62 Resp: 80510
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 37.359 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

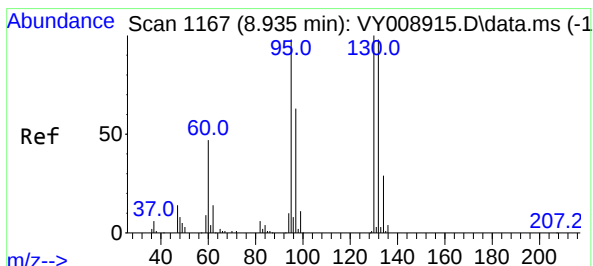
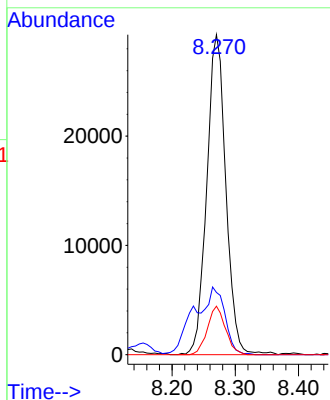
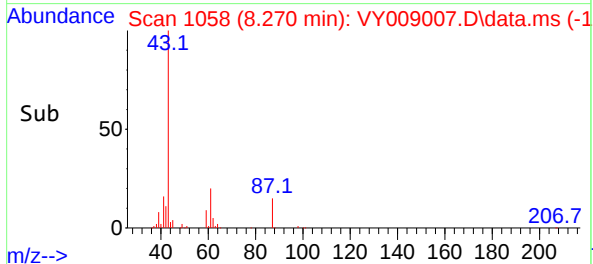
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
61 20.6 20.2 30.2
87 14.4 8.9 13.3

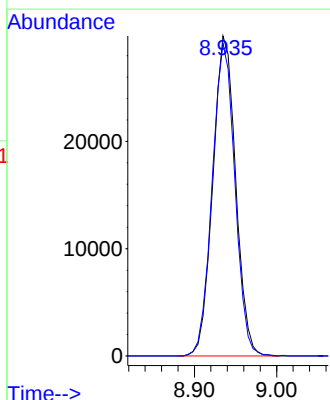
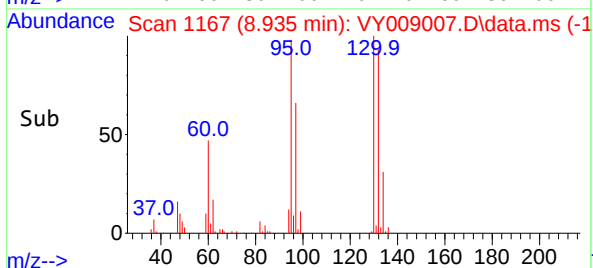
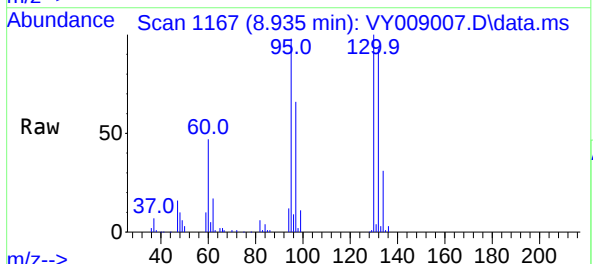
Manual Integrations
APPROVED

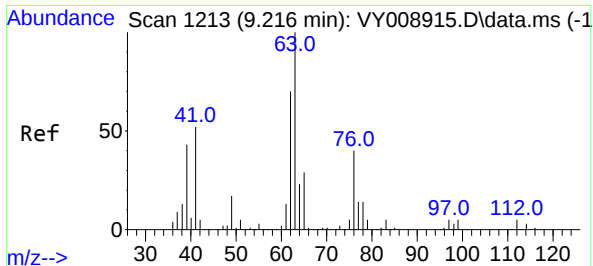
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 44.322 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Tgt Ion:130 Resp: 57661
Ion Ratio Lower Upper
130 100
95 97.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.686 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009007.D

Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD

Tgt Ion: 63 Resp: 6215

Ion Ratio Lower Upper

63 100

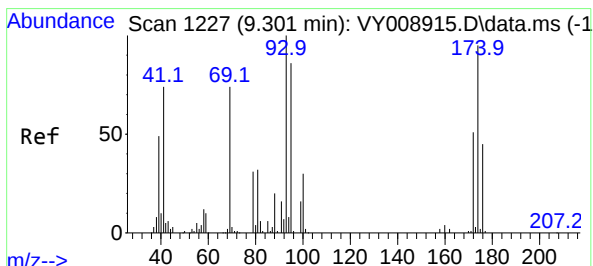
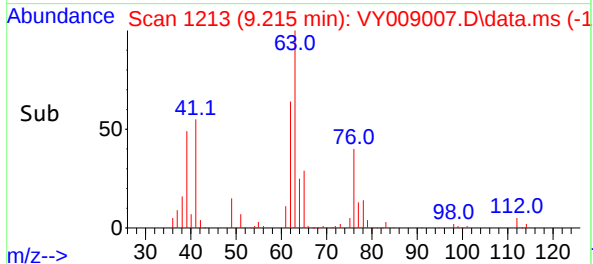
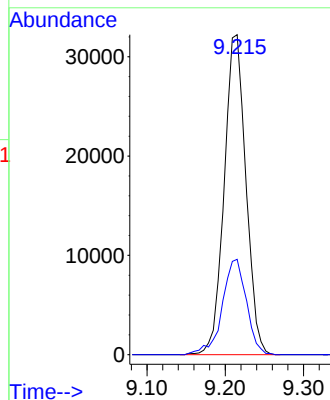
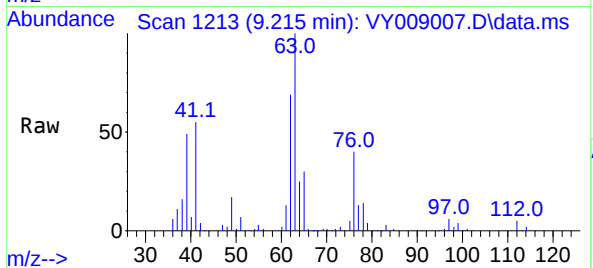
65 29.8 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 53.994 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009007.D

Acq: 23 May 2022 15:30

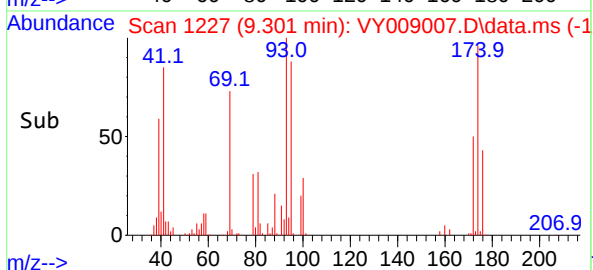
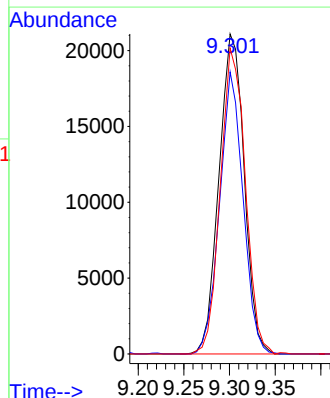
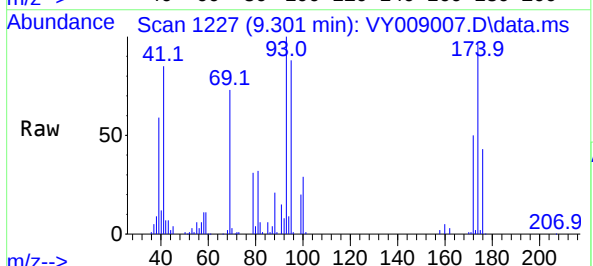
Tgt Ion: 93 Resp: 40504

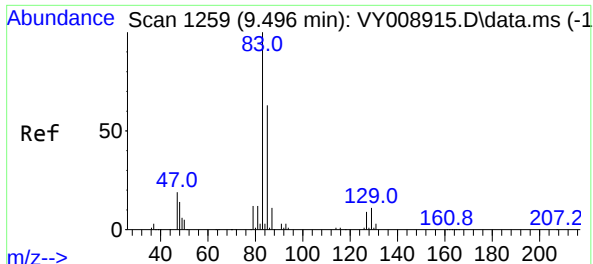
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 94.4 83.4 125.0





#47

Bromodichloromethane

Concen: 51.374 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY009007.D

Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD

Tgt Ion: 83 Resp: 88070

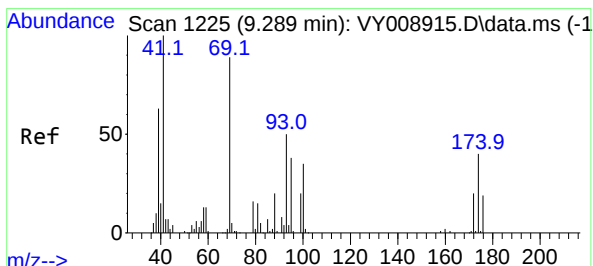
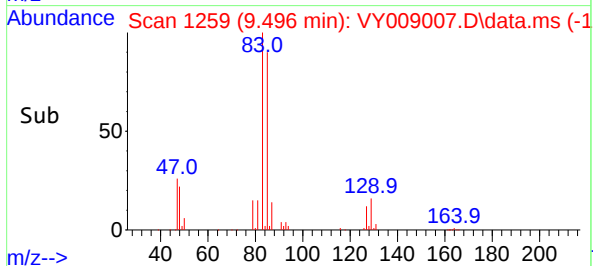
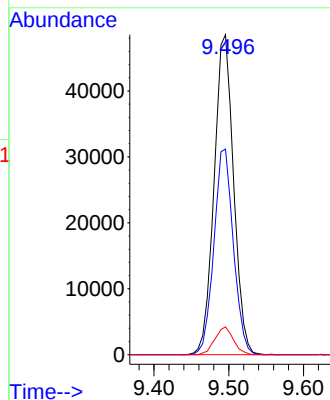
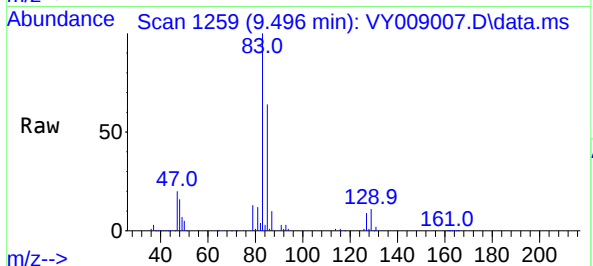
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#48

Methyl methacrylate

Concen: 67.068 ug/l

RT: 9.288 min Scan# 1225

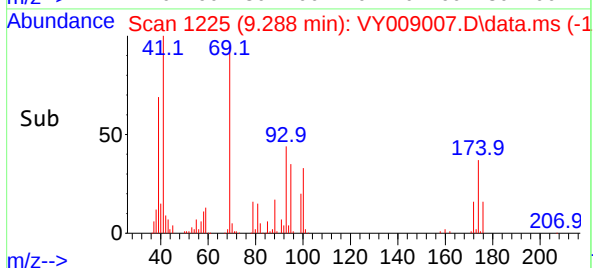
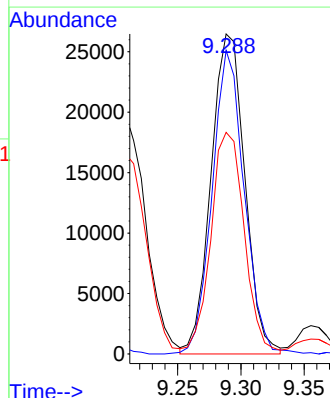
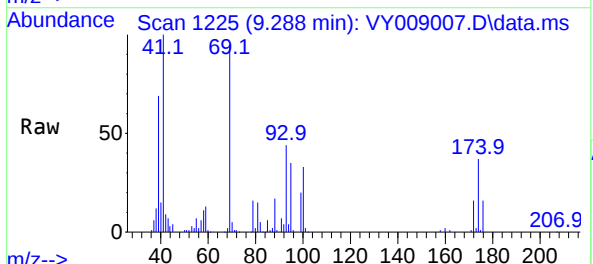
Delta R.T. -0.001 min

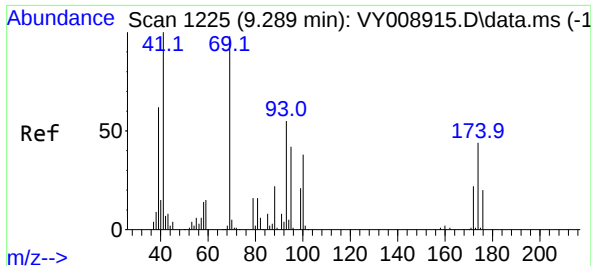
Lab File: VY009007.D

Acq: 23 May 2022 15:30

Tgt Ion: 41 Resp: 49217

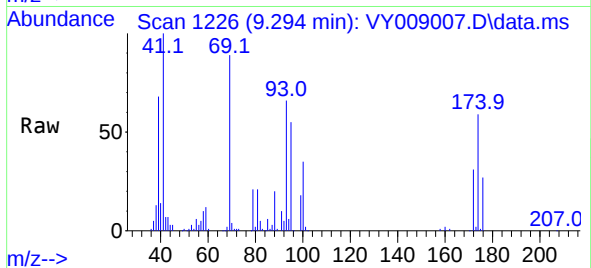
Ion	Ratio	Lower	Upper
41	100		
69	90.1	58.2	87.2
39	68.4	47.4	71.0





#49
1,4-Dioxane
Concen: 1147.195 ug/l
RT: 9.294 min Scan# 11504
Delta R.T. 0.005 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

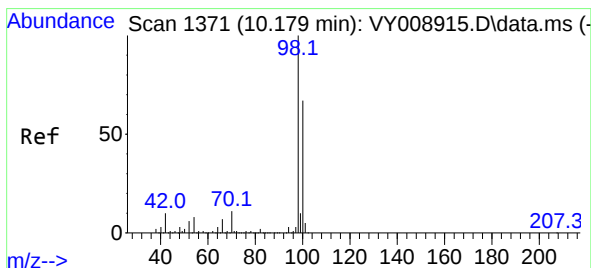
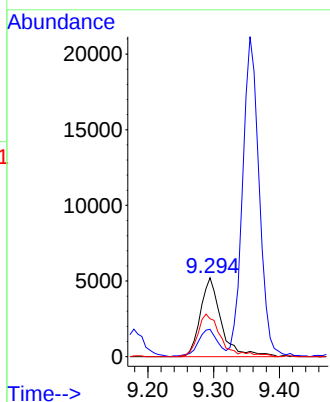
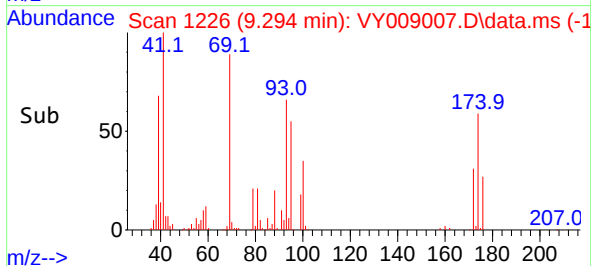
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 88 Resp: 11504
Ion Ratio Lower Upper
88 100
43 32.8 32.8 49.2
58 60.2 59.8 89.6

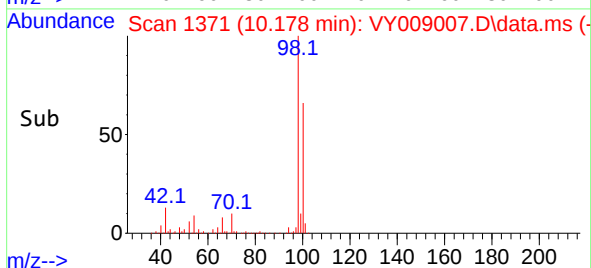
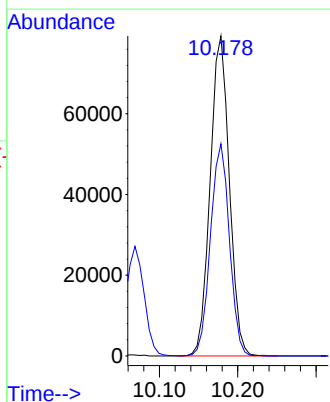
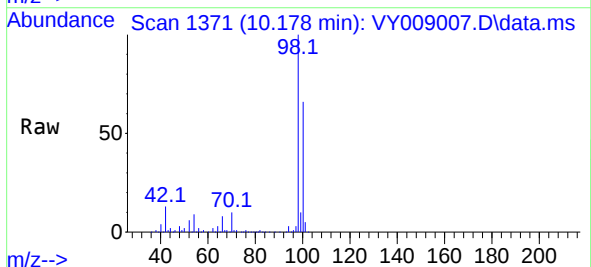
Manual Integrations
APPROVED

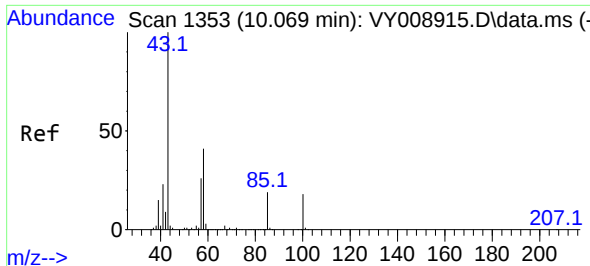
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 36.431 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

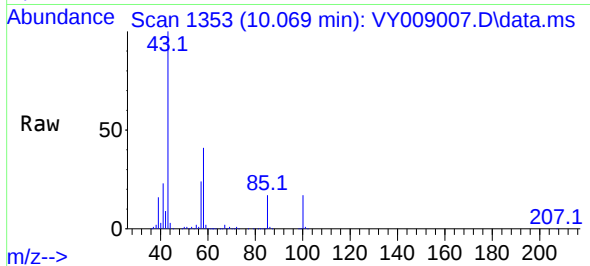
Tgt Ion: 98 Resp: 134564
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 294.409 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

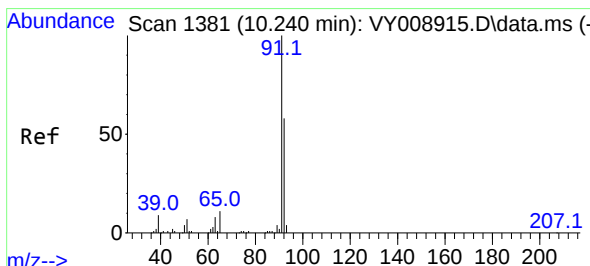
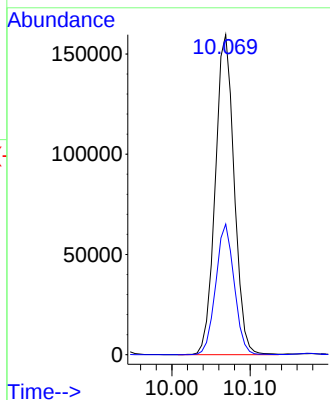
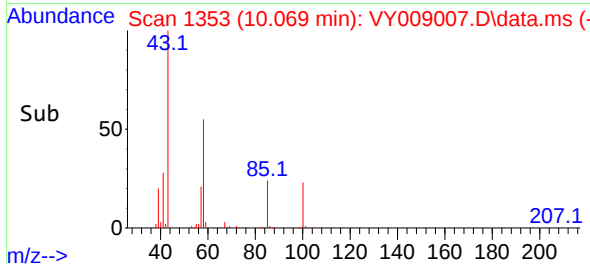
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



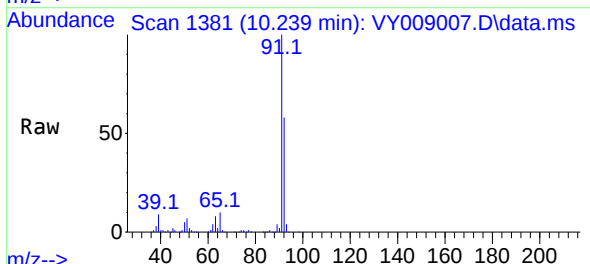
Tgt Ion: 43 Resp: 267774
Ion Ratio Lower Upper
43 100
58 39.9 28.1 42.1

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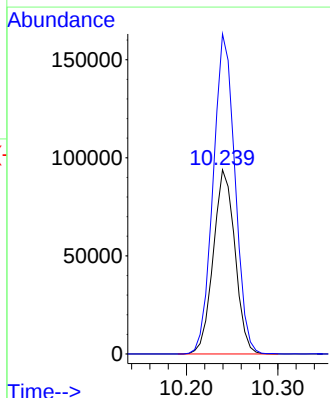
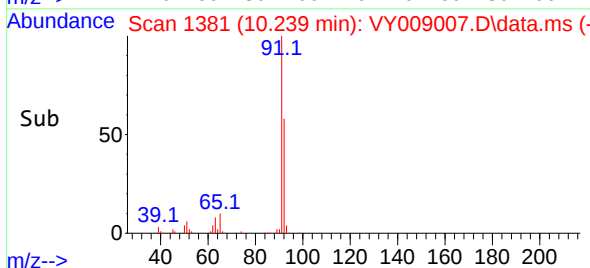
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

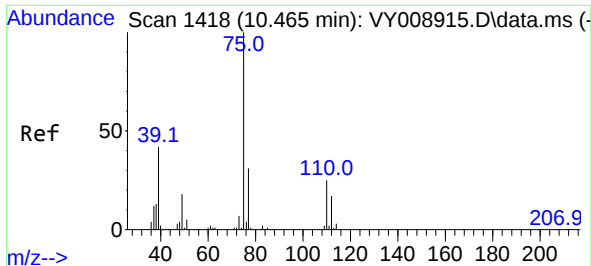


#52
Toluene
Concen: 45.045 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



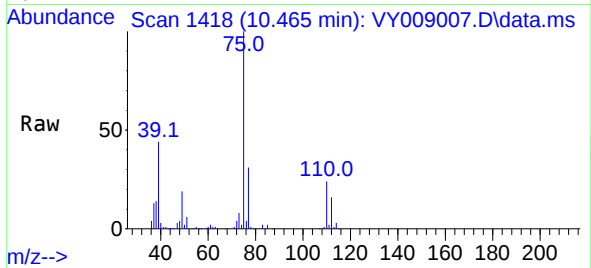
Tgt Ion: 92 Resp: 154667
Ion Ratio Lower Upper
92 100
91 174.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 50.285 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

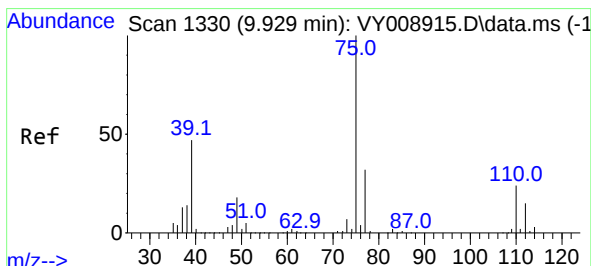
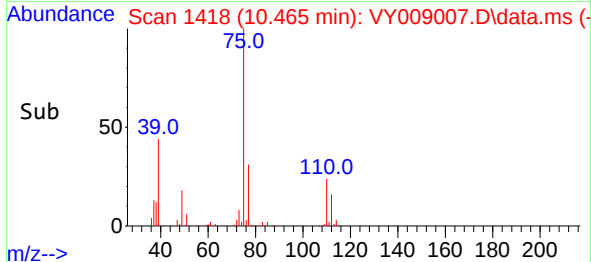
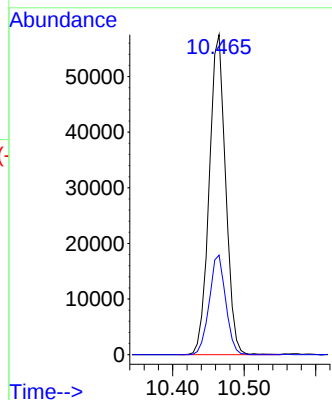
Instrument : MSVOA_Y
ClientSampleId : P038-SS001-0006-01MSD



Tgt Ion: 75 Resp: 91548
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

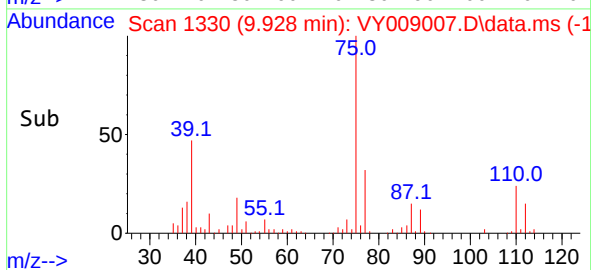
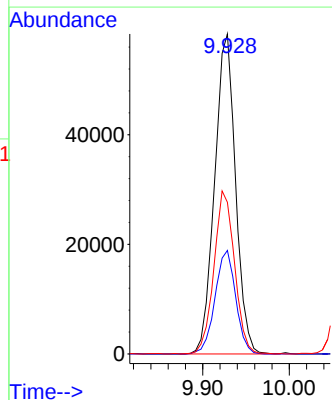
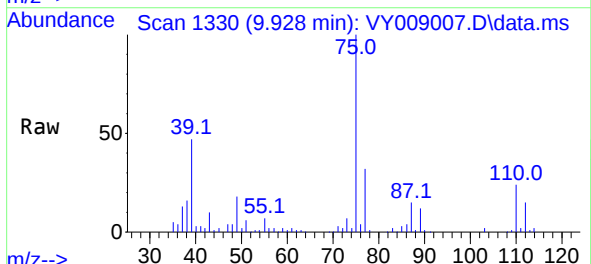
Manual Integrations
APPROVED

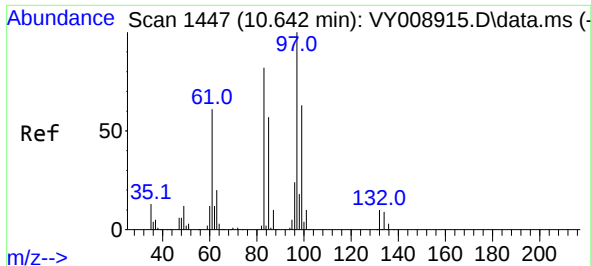
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#54
cis-1,3-Dichloropropene
Concen: 49.971 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

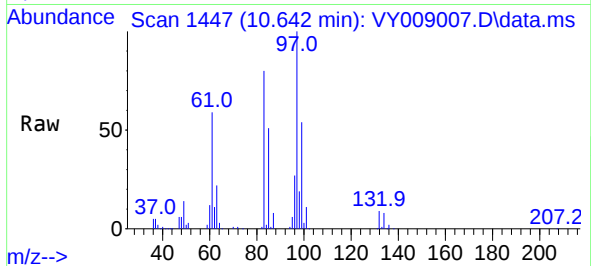
Tgt Ion: 75 Resp: 97802
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 47.4 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 52.449 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

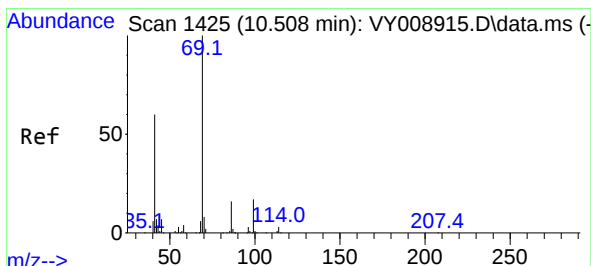
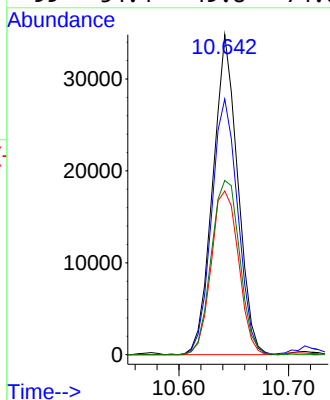
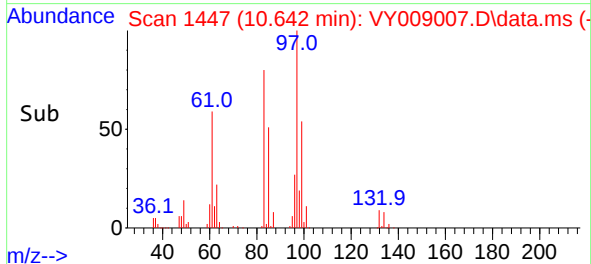
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



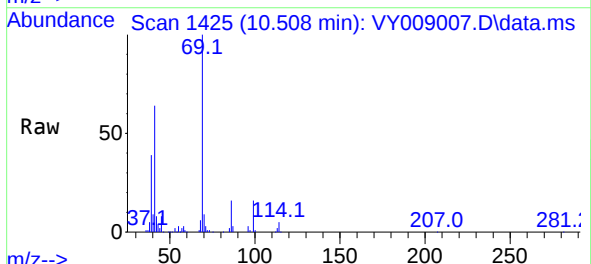
Tgt Ion: 97 Resp: 55040
Ion Ratio Lower Upper
97 100
83 79.9 69.8 104.8
85 51.1 44.3 66.5
99 54.4 49.8 74.6

Manual Integrations
APPROVED

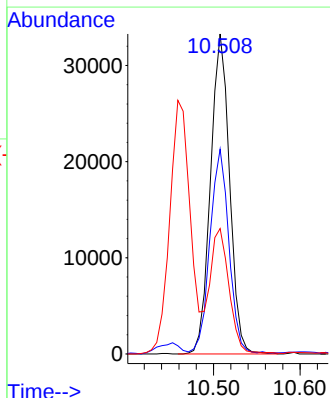
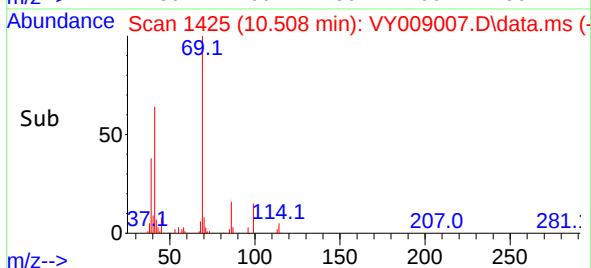
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

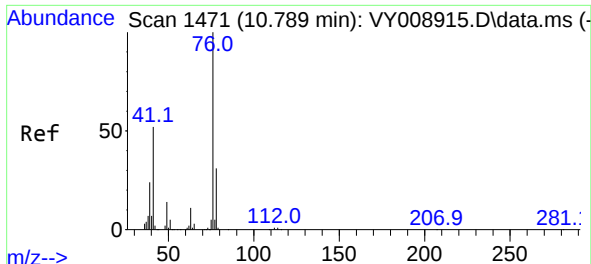


#56
Ethyl methacrylate
Concen: 37.831 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



Tgt Ion: 69 Resp: 50761
Ion Ratio Lower Upper
69 100
41 63.2 63.4 95.0#
39 40.7 35.8 53.8





#57

1,3-Dichloropropane

Concen: 52.985 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009007.D

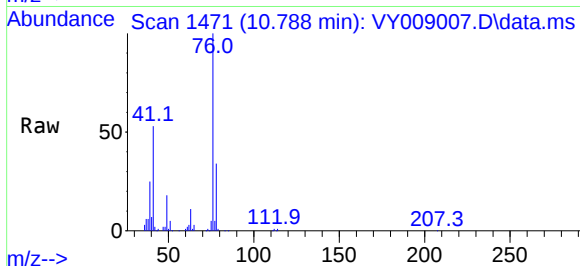
Acq: 23 May 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-01MSD



Tgt Ion: 76 Resp: 9071

Ion Ratio Lower Upper

76 100

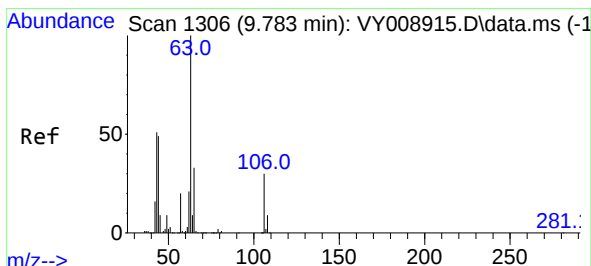
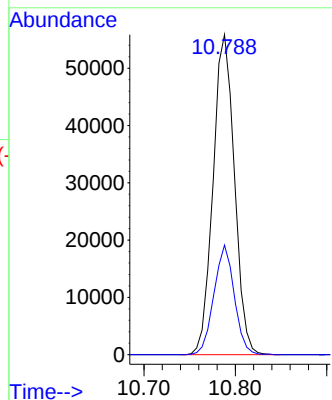
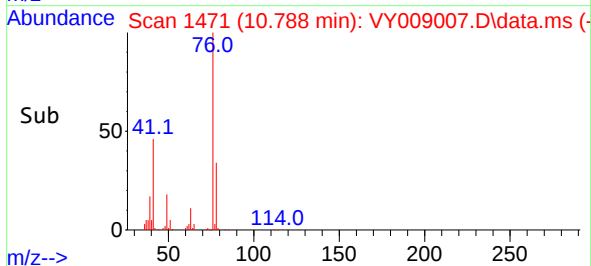
78 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 284.837 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY009007.D

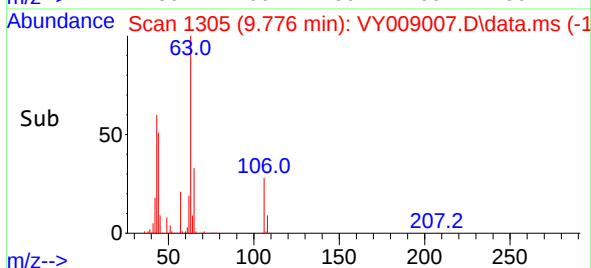
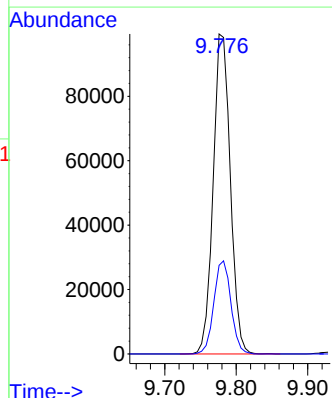
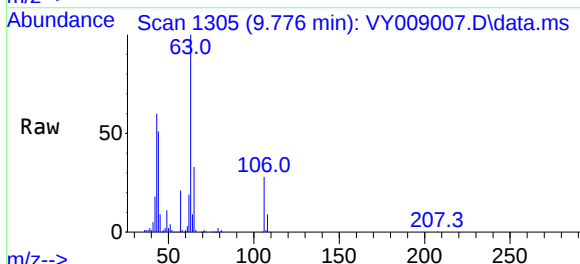
Acq: 23 May 2022 15:30

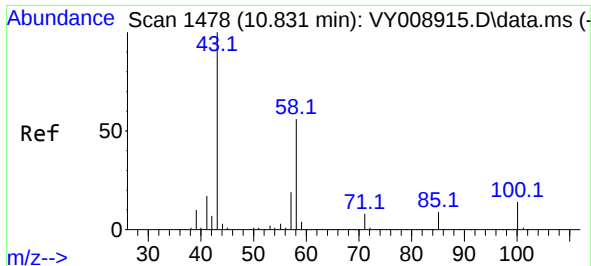
Tgt Ion: 63 Resp: 165348

Ion Ratio Lower Upper

63 100

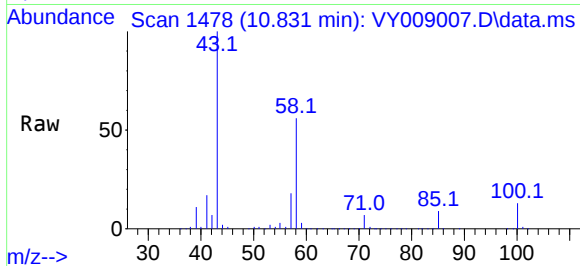
106 29.0 21.5 32.3





#59
2-Hexanone
Concen: 283.073 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

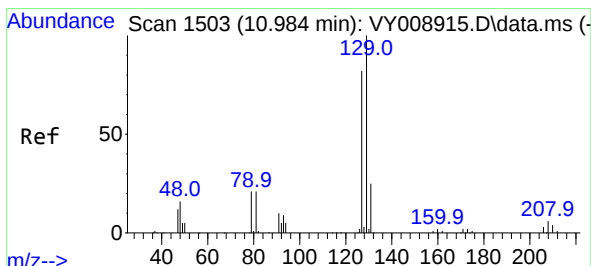
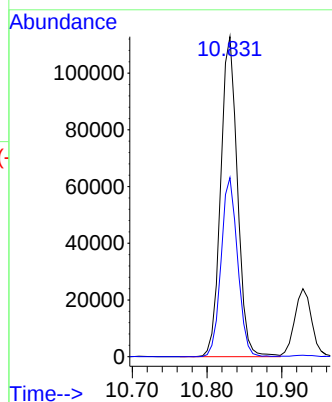
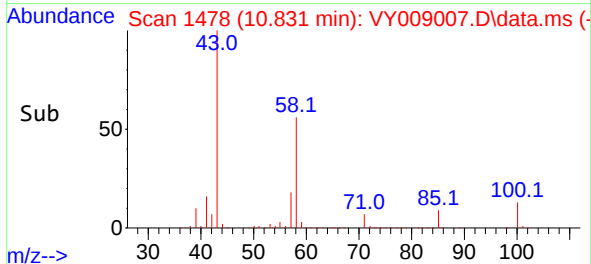
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



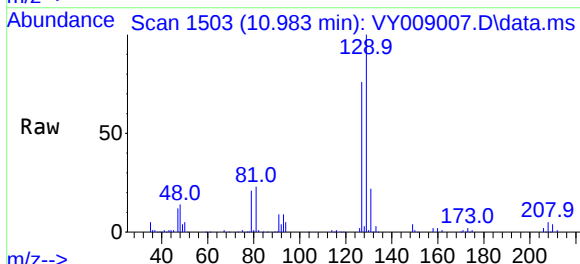
Tgt Ion: 43 Resp: 176278
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

Manual Integrations
APPROVED

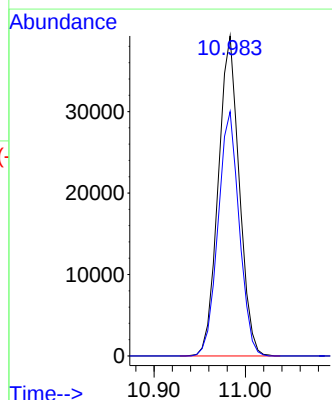
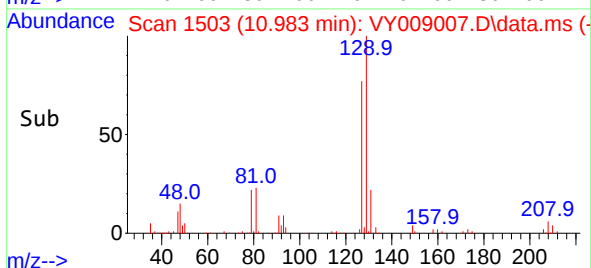
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

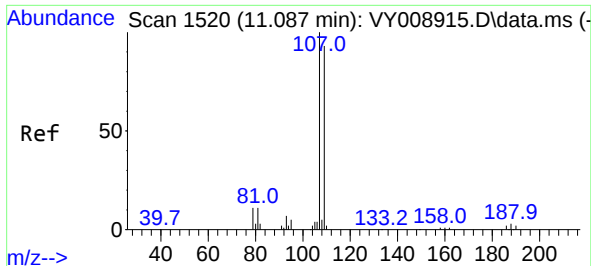


#60
Dibromochloromethane
Concen: 49.311 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



Tgt Ion:129 Resp: 62734
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





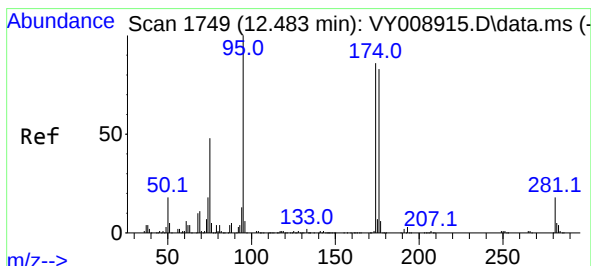
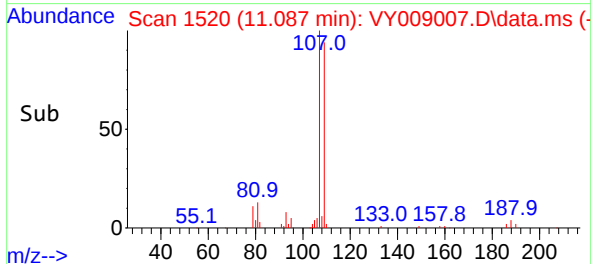
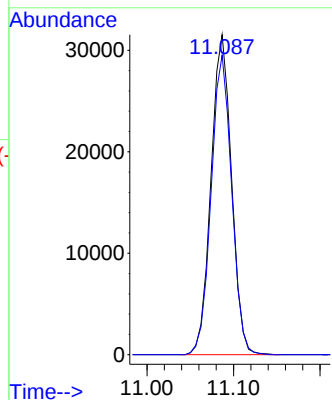
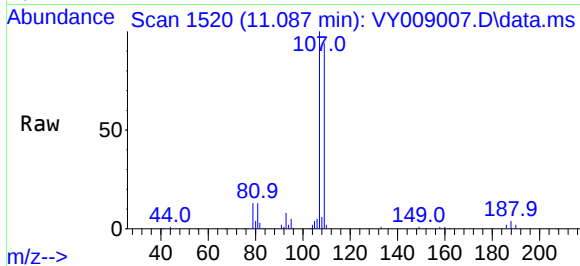
#61
1,2-Dibromoethane
Concen: 49.768 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD

Tgt Ion:107 Resp: 51758
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2

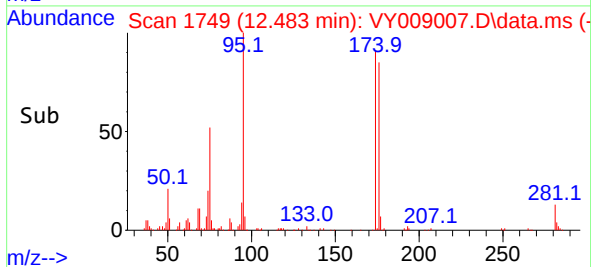
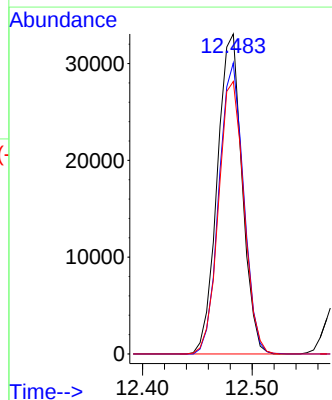
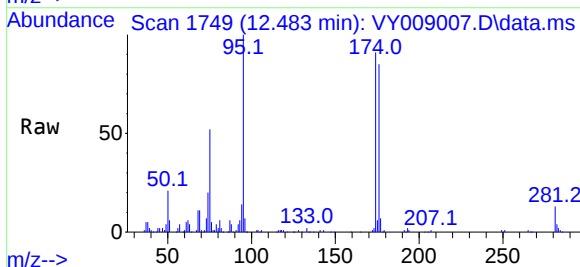
Manual Integrations
APPROVED

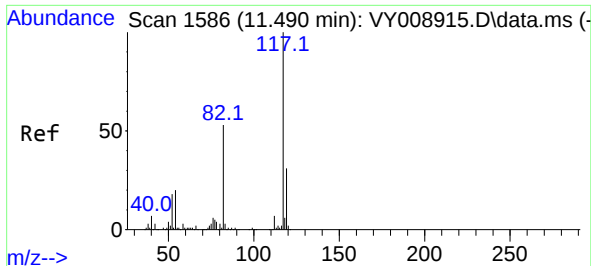
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 34.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

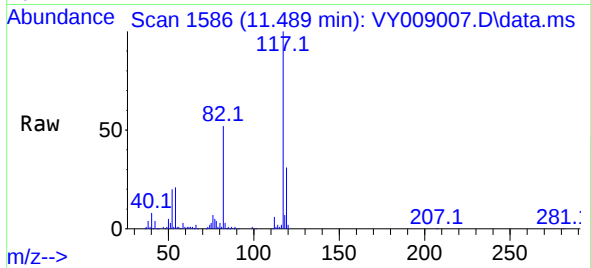
Tgt Ion: 95 Resp: 52019
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

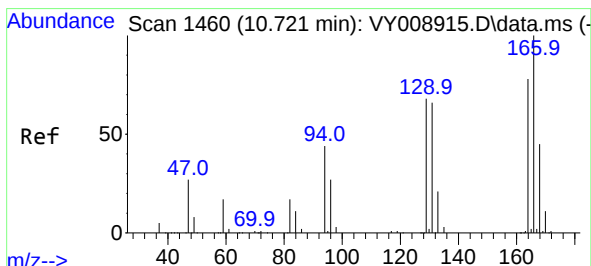
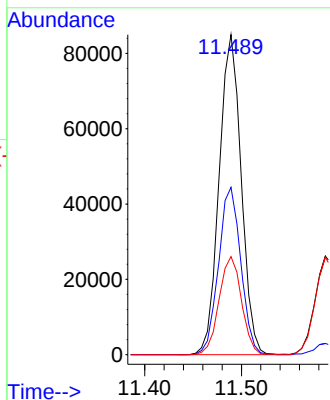
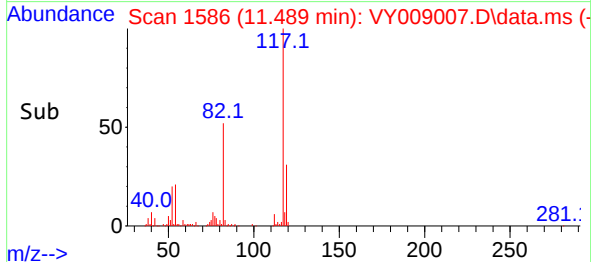
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



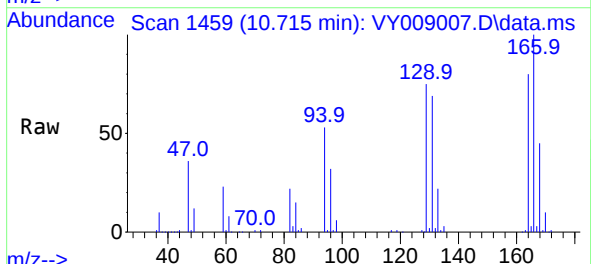
Tgt Ion:117 Resp: 134424
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 30.6 25.4 38.0

Manual Integrations
APPROVED

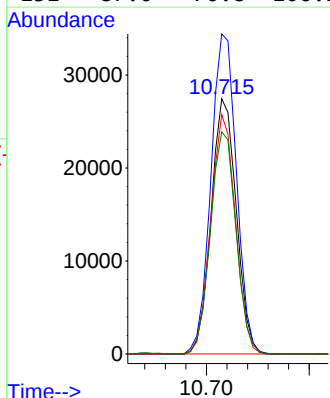
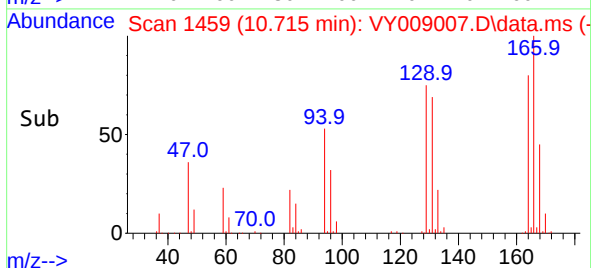
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

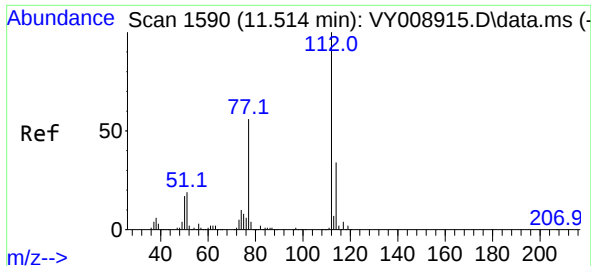


#64
Tetrachloroethene
Concen: 47.660 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



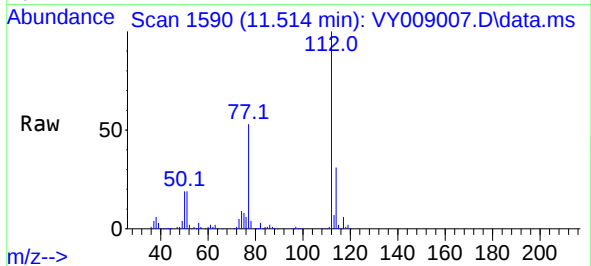
Tgt Ion:164 Resp: 46632
Ion Ratio Lower Upper
164 100
166 125.4 100.4 150.6
129 93.8 71.4 107.0
131 87.0 70.8 106.2





#65
Chlorobenzene
Concen: 47.692 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

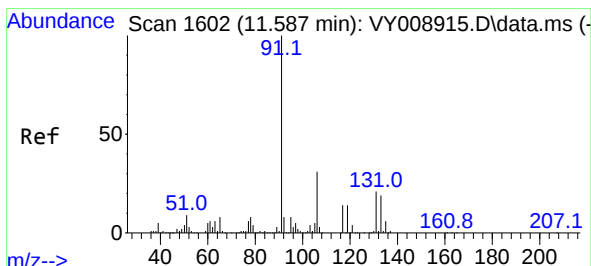
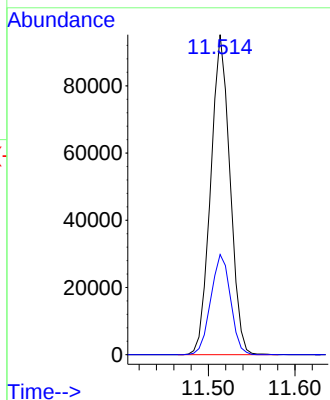
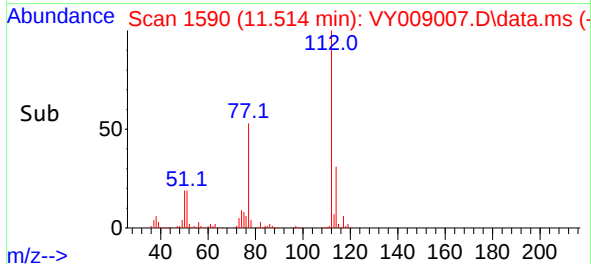
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



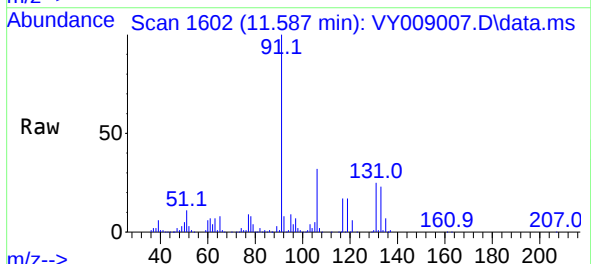
Tgt Ion:112 Resp: 14714
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

Manual Integrations
APPROVED

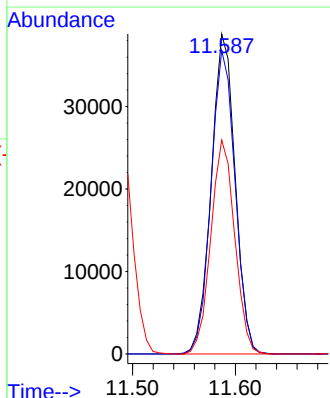
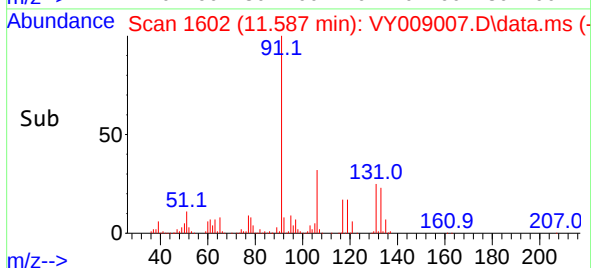
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

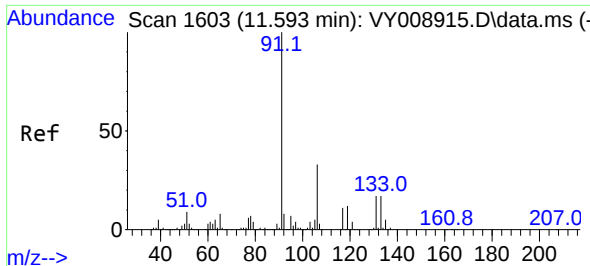


#66
1,1,1,2-Tetrachloroethane
Concen: 55.296 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



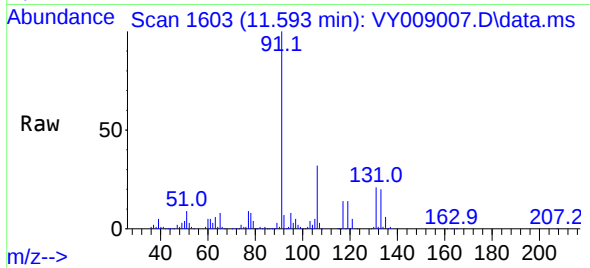
Tgt Ion:131 Resp: 62470
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.9 30.8 92.3





#67
Ethyl Benzene
Concen: 46.137 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

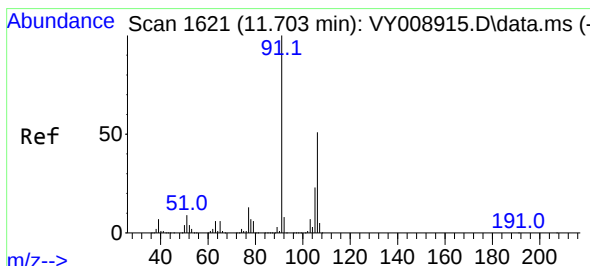
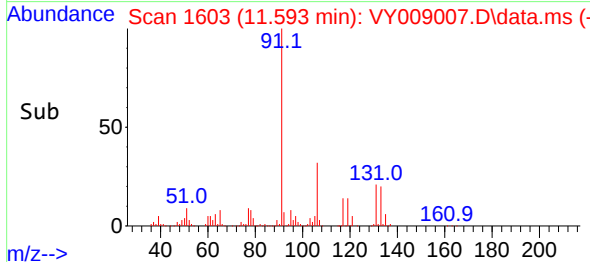
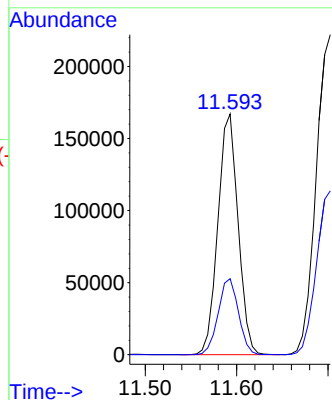
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



Tgt Ion: 91 Resp: 25653
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

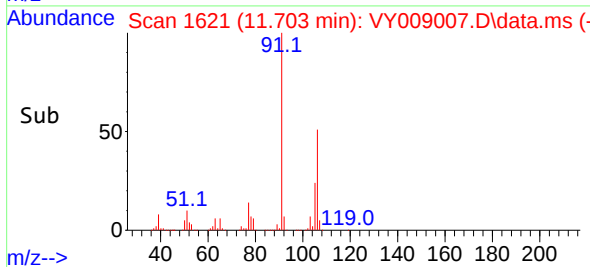
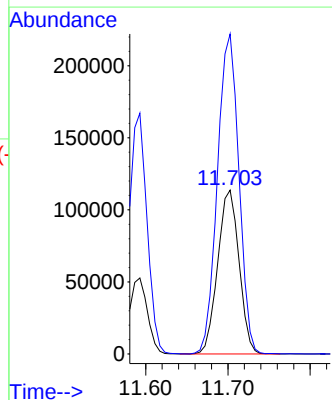
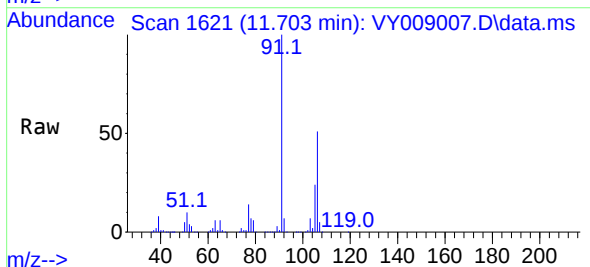
Manual Integrations
APPROVED

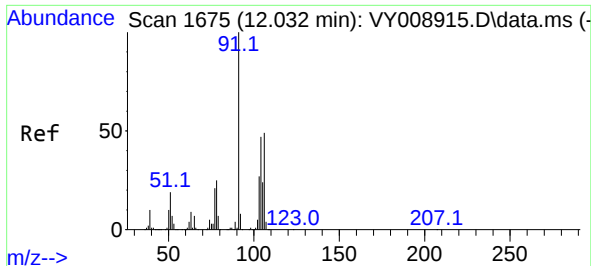
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#68
m/p-Xylenes
Concen: 90.997 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Tgt Ion:106 Resp: 205396
Ion Ratio Lower Upper
106 100
91 196.4 166.6 249.8





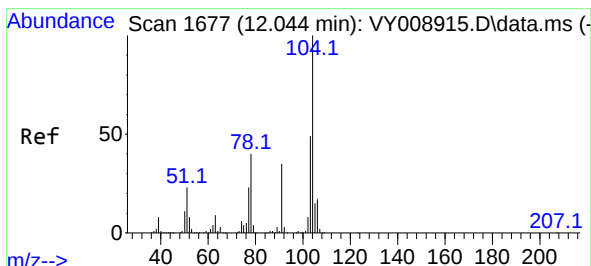
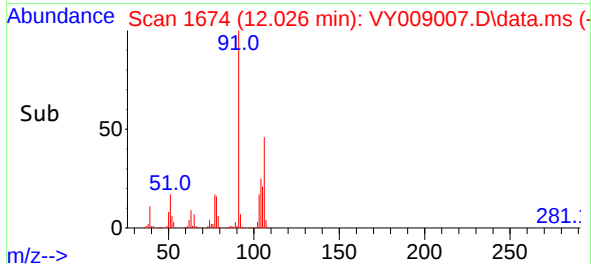
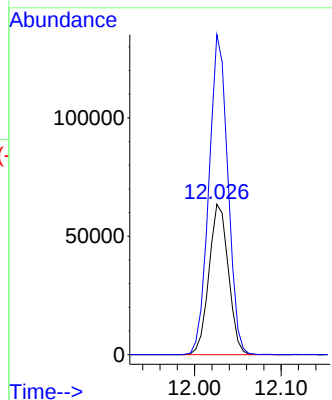
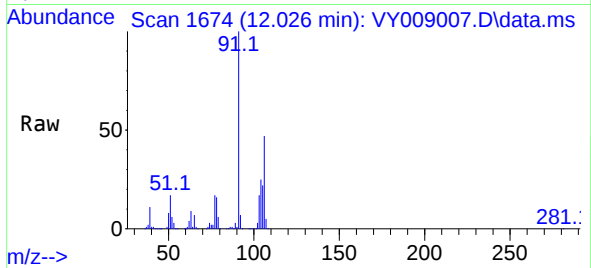
#69
o-Xylene
Concen: 47.244 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD

Tgt Ion:106 Resp: 9902
Ion Ratio Lower Upper
106 100
91 207.8 110.3 331.0

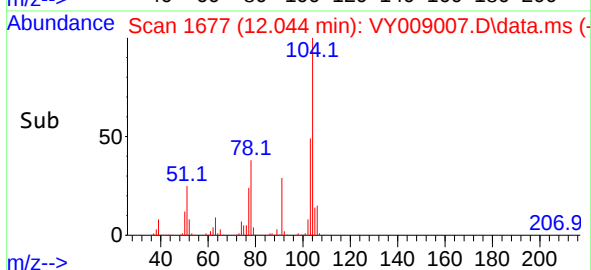
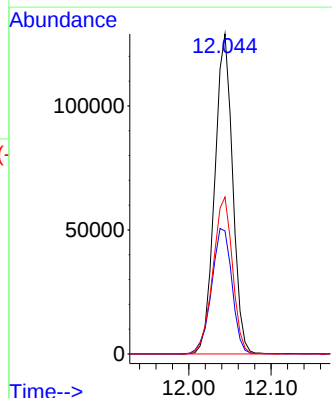
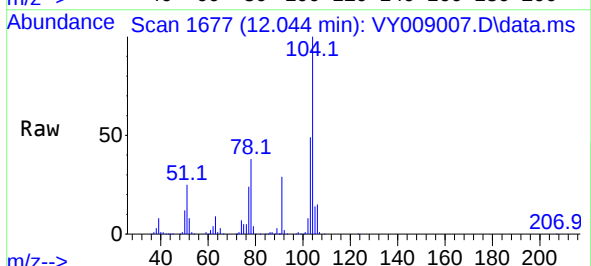
Manual Integrations
APPROVED

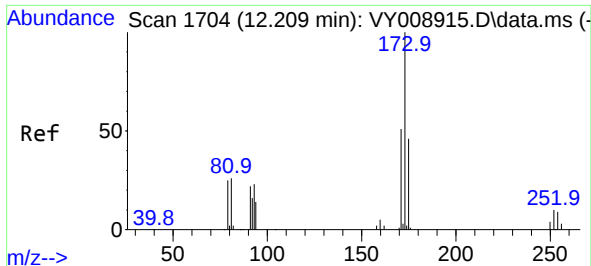
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 54.221 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

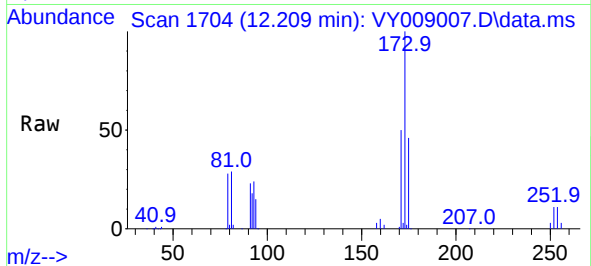
Tgt Ion:104 Resp: 195447
Ion Ratio Lower Upper
104 100
78 44.7 42.4 63.6
103 53.6 44.4 66.6





#71
Bromoform
Concen: 53.935 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

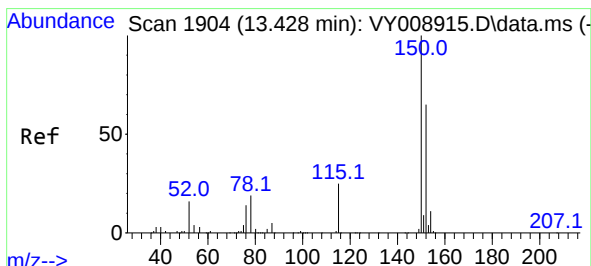
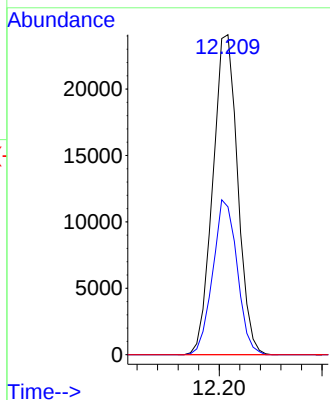
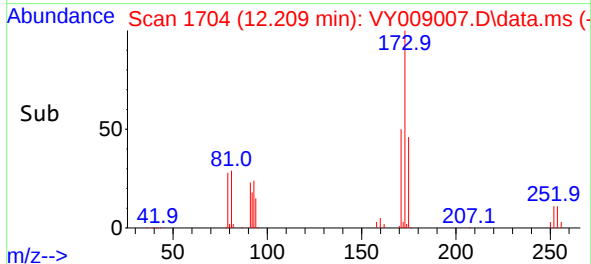
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



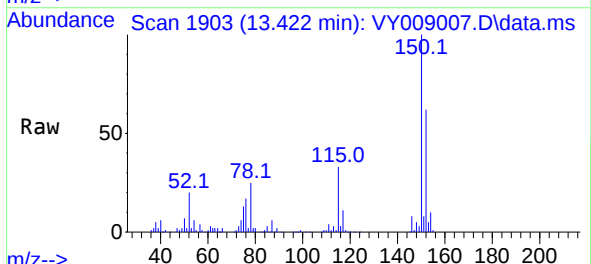
Tgt Ion:173 Resp: 4039
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

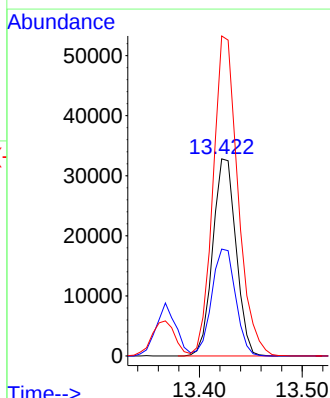
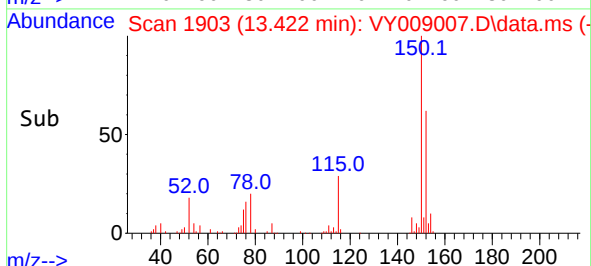
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

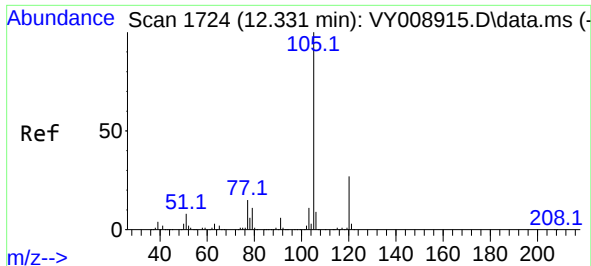


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



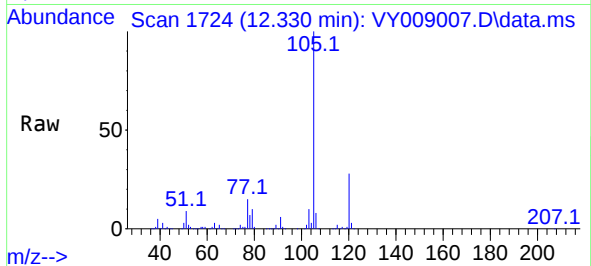
Tgt Ion:152 Resp: 51603
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 173.2 0.0 347.6





#73
Isopropylbenzene
Concen: 58.839 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

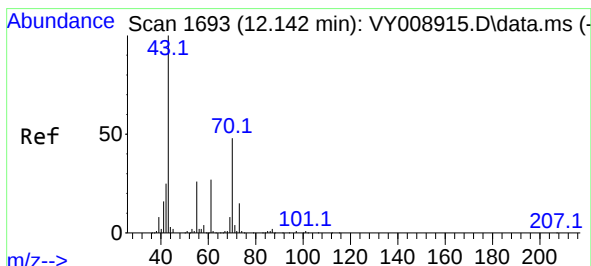
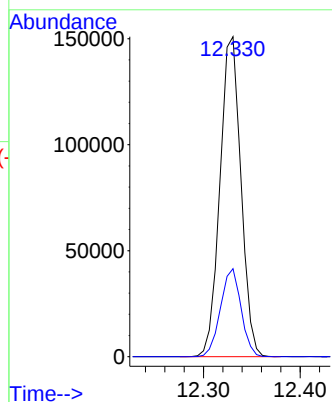
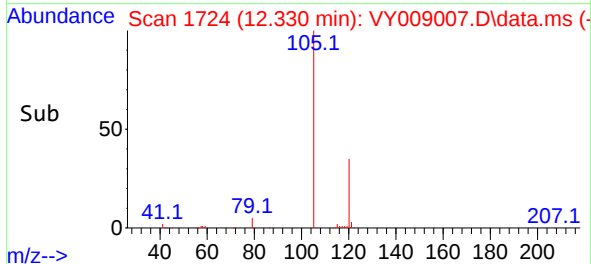
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



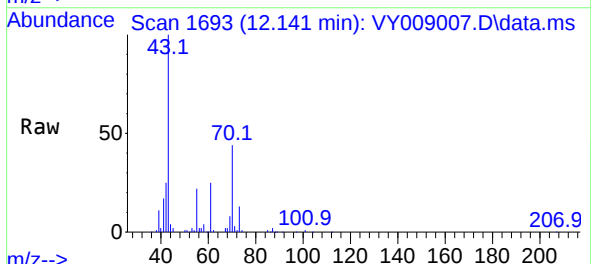
Tgt Ion:105 Resp: 22703
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
APPROVED

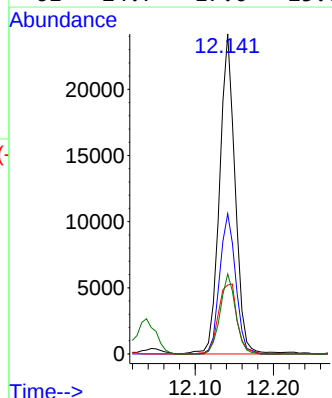
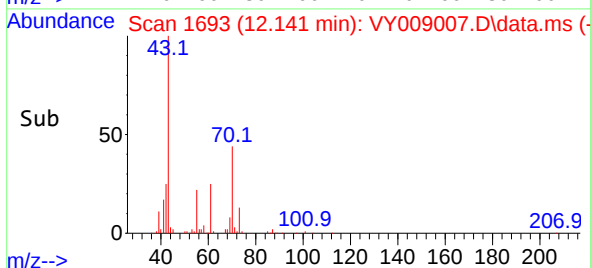
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

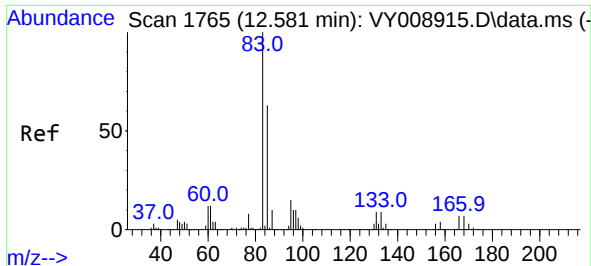


#74
N-ethyl acetate
Concen: 37.529 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



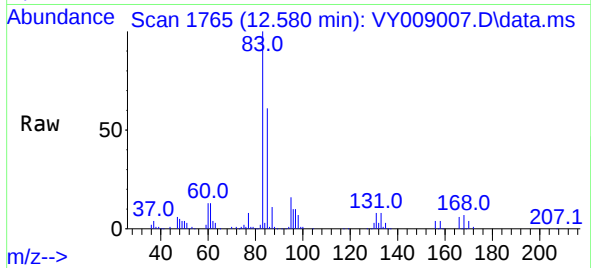
Tgt Ion: 43 Resp: 33411
Ion Ratio Lower Upper
43 100
70 44.9 28.7 43.1#
55 26.3 17.3 25.9#
61 24.7 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 82.039 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

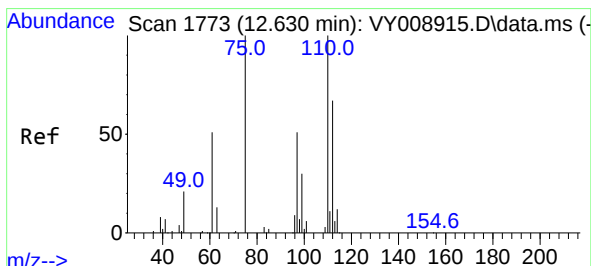
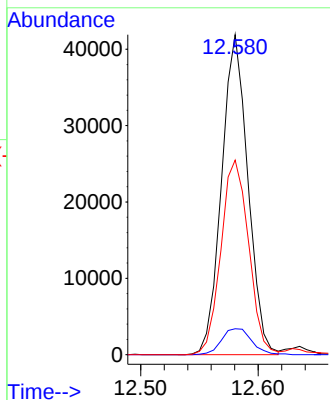
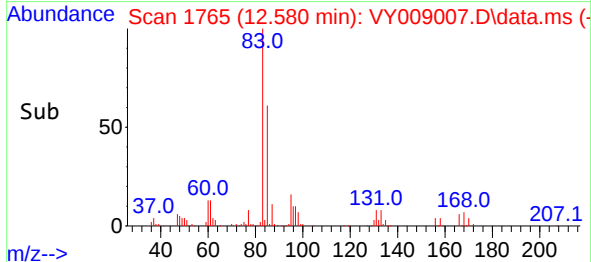
Instrument : MSVOA_Y
ClientSampleId : P038-SS001-0006-01MSD



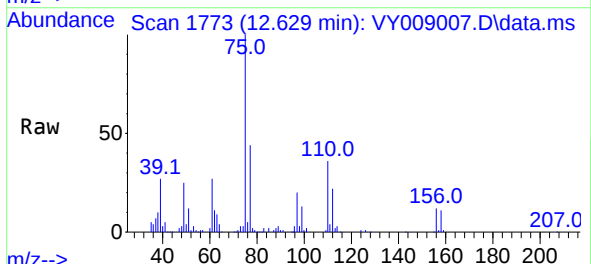
Tgt Ion: 83 Resp: 65209
Ion Ratio Lower Upper
83 100
131 9.4 5.6 16.8
85 64.1 32.3 96.8

Manual Integrations
APPROVED

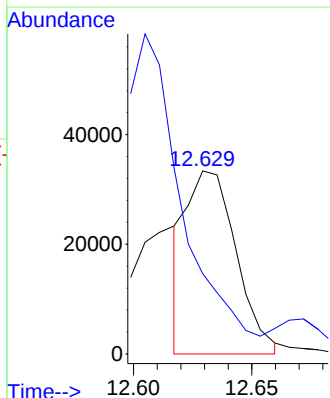
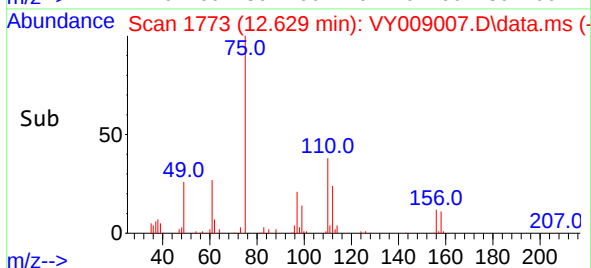
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

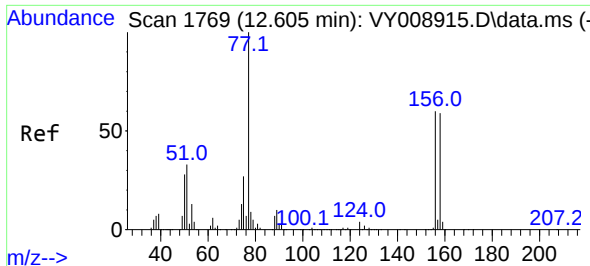


#76
1,2,3-Trichloropropane
Concen: 87.929 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



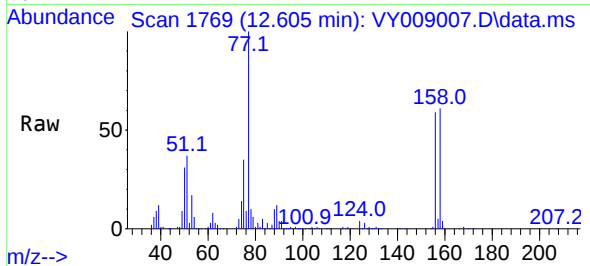
Tgt Ion: 75 Resp: 48726
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 62.879 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

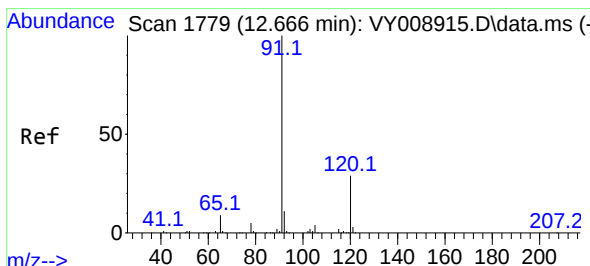
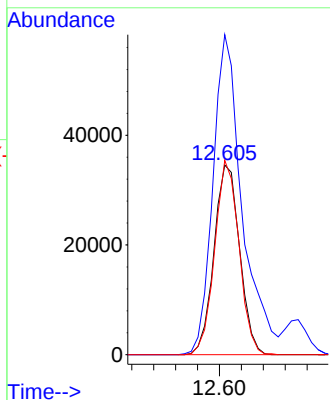
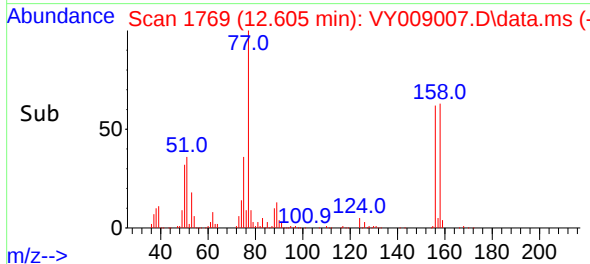
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



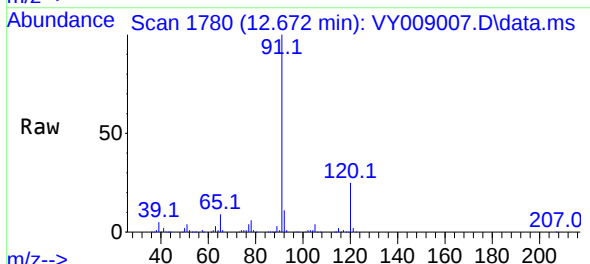
Tgt Ion: 156 Resp: 5624
Ion Ratio Lower Upper
156 100
77 192.2 95.5 286.4
158 96.7 48.0 144.0

Manual Integrations
APPROVED

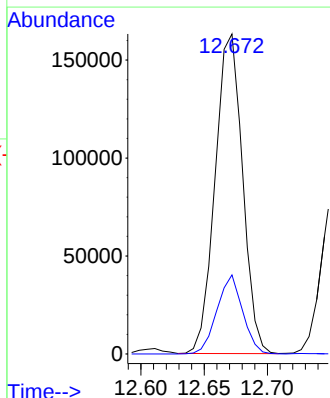
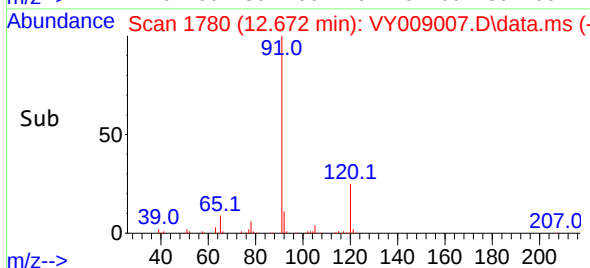
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

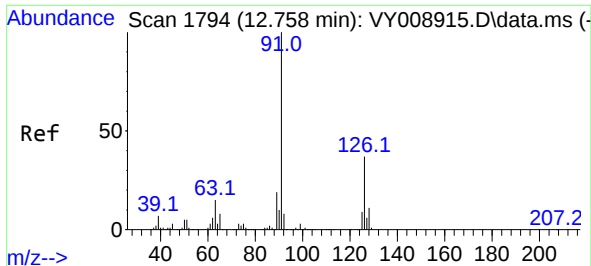


#78
n-propylbenzene
Concen: 55.077 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



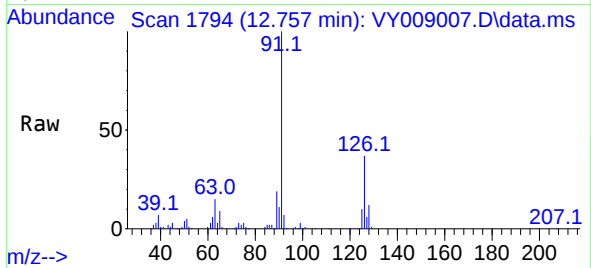
Tgt Ion: 91 Resp: 245536
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79
2-Chlorotoluene
Concen: 55.592 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

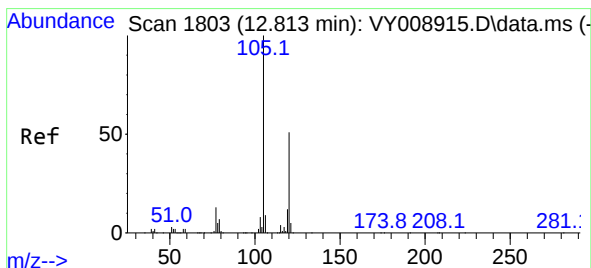
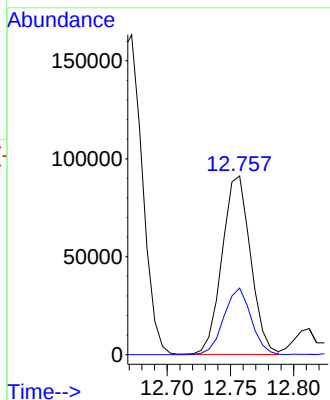
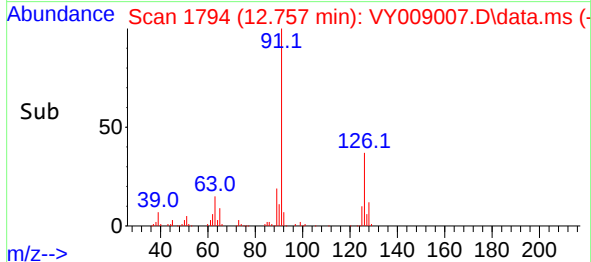
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



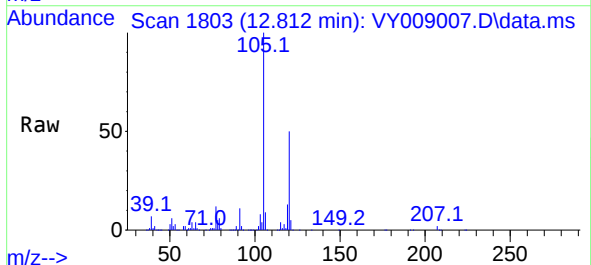
Tgt Ion: 91 Resp: 142954
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6

Manual Integrations
APPROVED

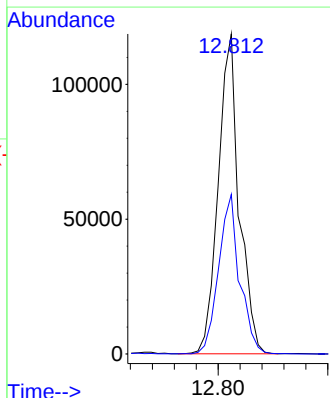
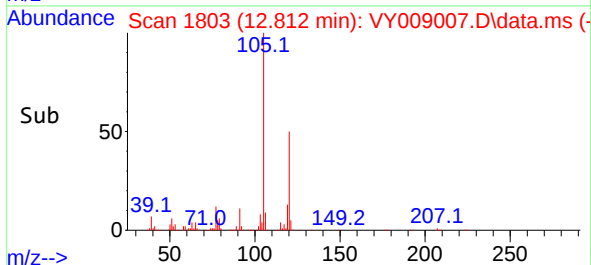
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

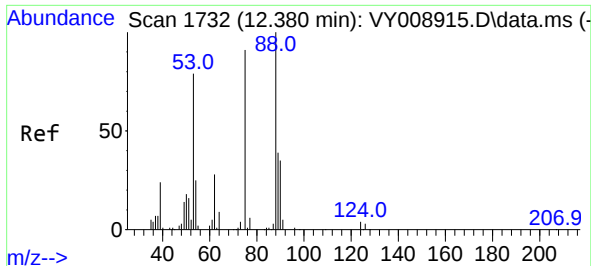


#80
1,3,5-Trimethylbenzene
Concen: 48.492 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



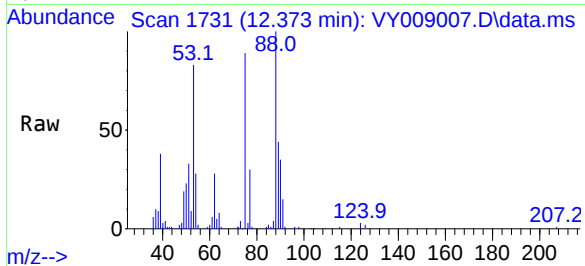
Tgt Ion:105 Resp: 156831
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 81.670 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

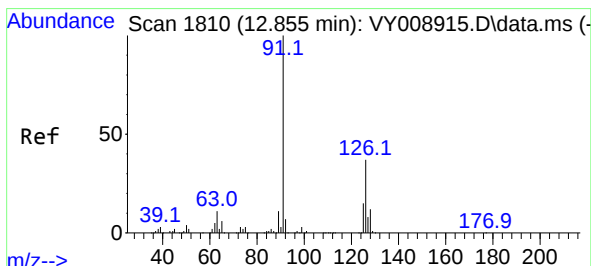
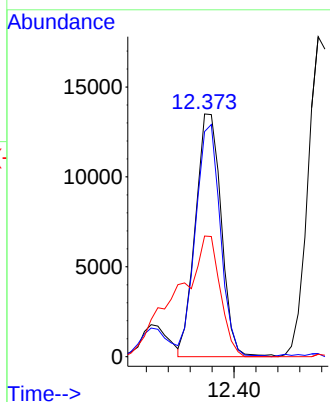
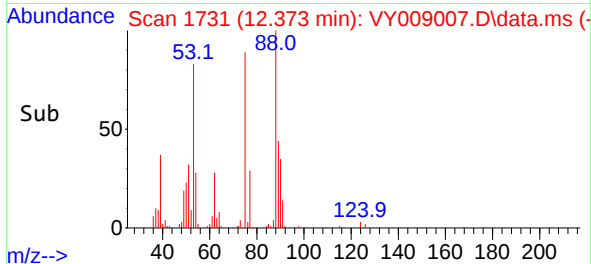
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



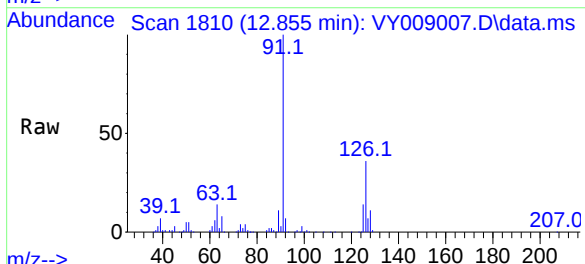
Tgt Ion: 75 Resp: 22050
Ion Ratio Lower Upper
75 100
53 92.2 85.3 127.9
89 84.3 37.0 55.4

Manual Integrations
APPROVED

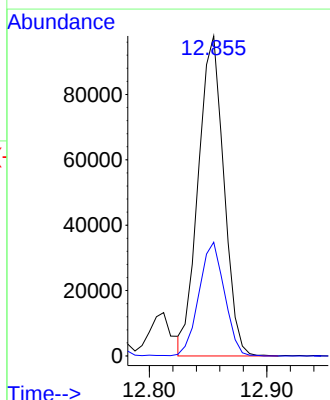
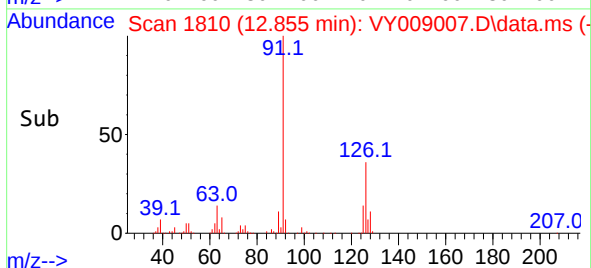
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

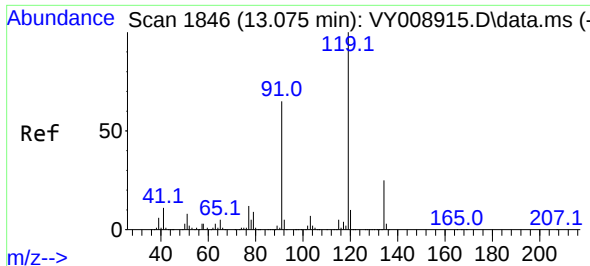


#82
4-Chlorotoluene
Concen: 53.709 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



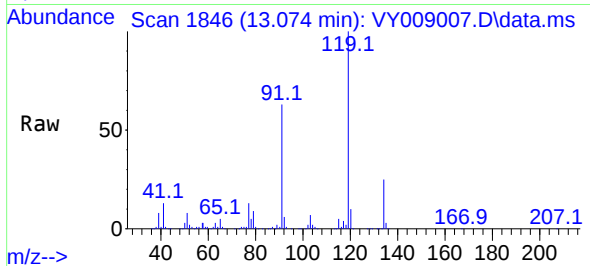
Tgt Ion: 91 Resp: 147721
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 51.709 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

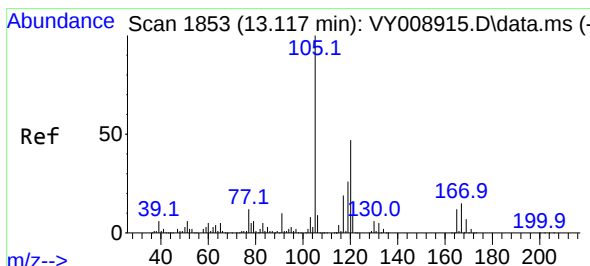
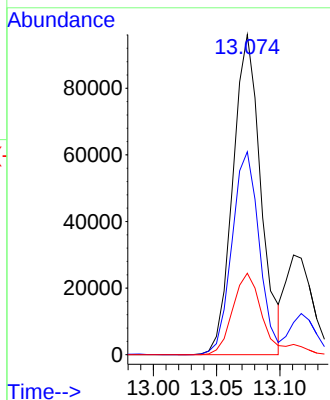
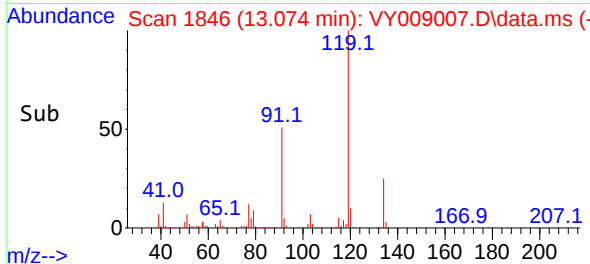
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



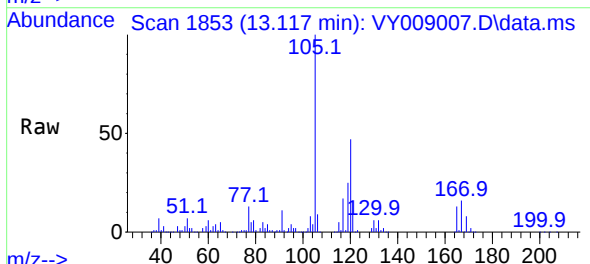
Tgt Ion:119 Resp: 148370
Ion Ratio Lower Upper
119 100
91 61.7 34.8 104.4
134 28.0 13.3 39.9

Manual Integrations
APPROVED

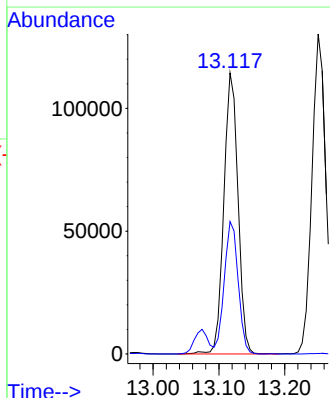
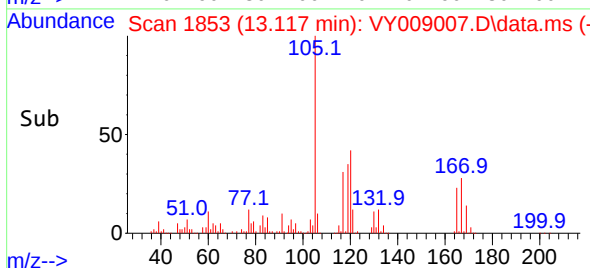
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

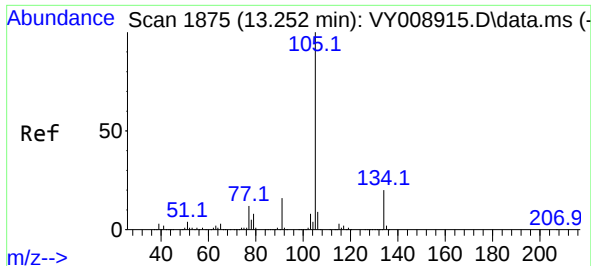


#84
1,2,4-Trimethylbenzene
Concen: 53.471 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



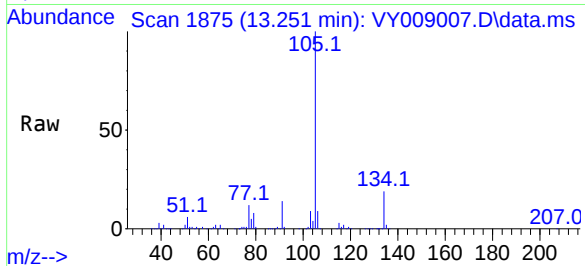
Tgt Ion:105 Resp: 171674
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 43.042 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009007.D
 Acq: 23 May 2022 15:30

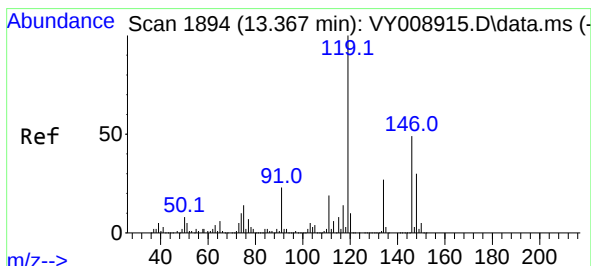
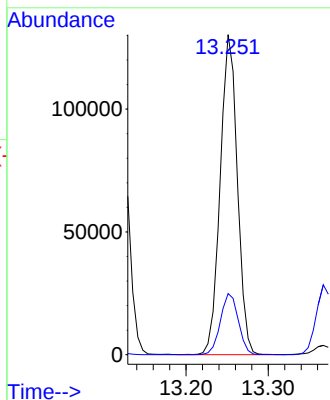
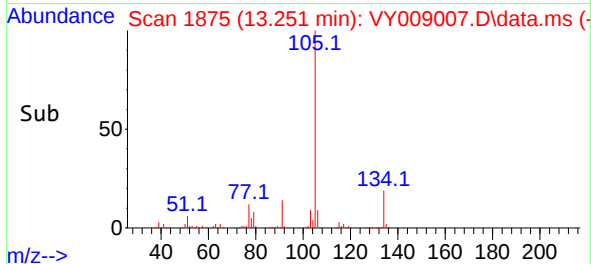
Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-01MSD



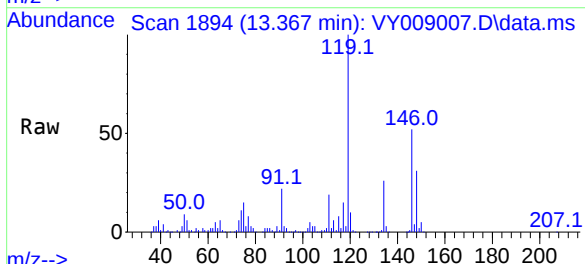
Tgt Ion:105 Resp: 188959
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
 APPROVED

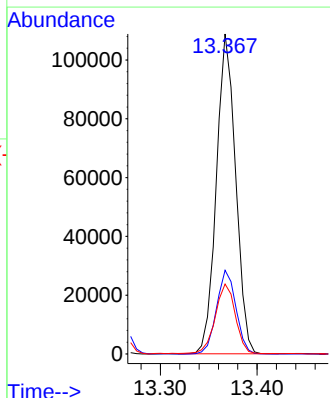
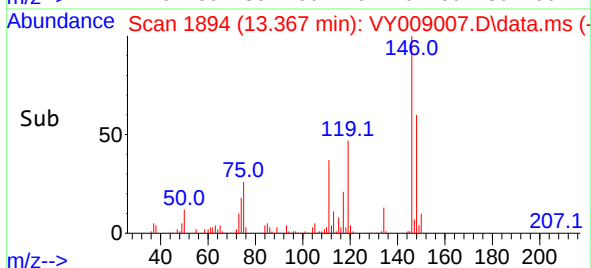
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

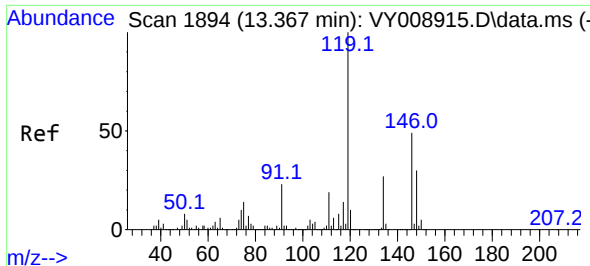


#86
 p-Isopropyltoluene
 Concen: 41.028 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009007.D
 Acq: 23 May 2022 15:30



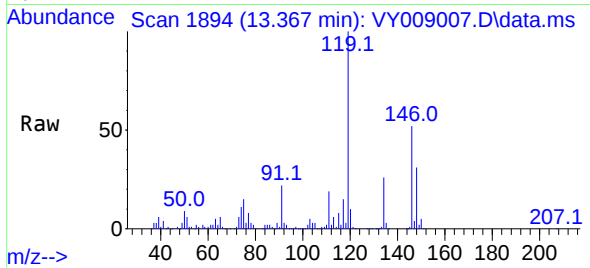
Tgt Ion:119 Resp: 150199
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.281 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

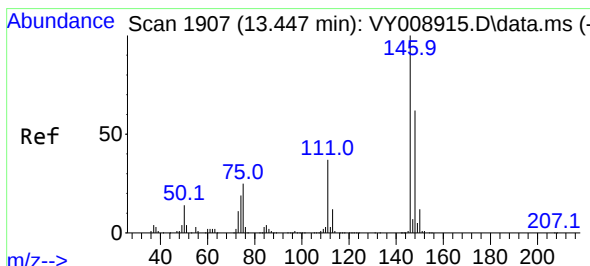
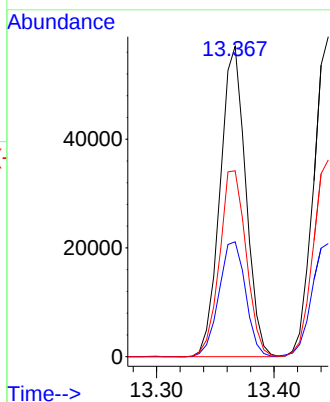
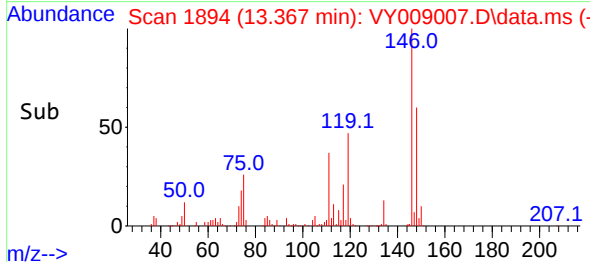
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



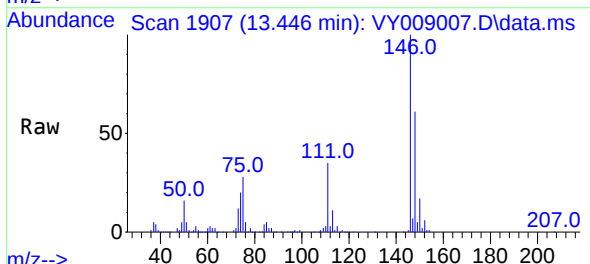
Tgt Ion:146 Resp: 86397
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 62.4 31.6 95.0

Manual Integrations
APPROVED

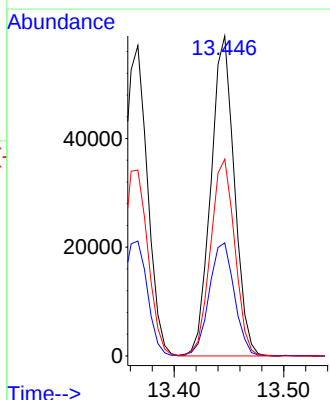
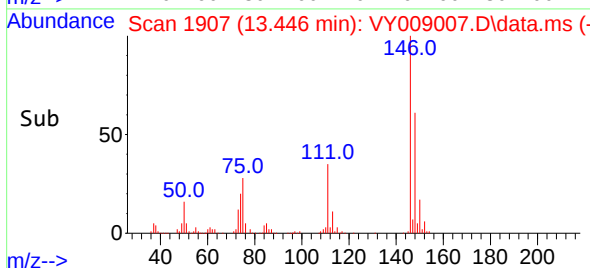
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

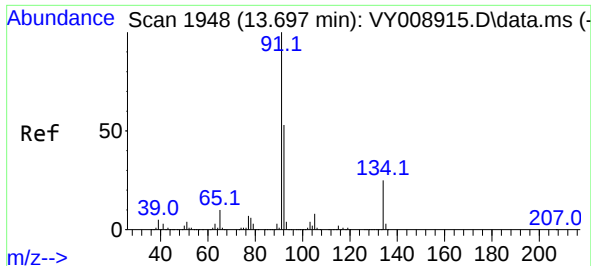


#88
1,4-Dichlorobenzene
Concen: 45.753 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



Tgt Ion:146 Resp: 87705
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.4 32.6 97.8





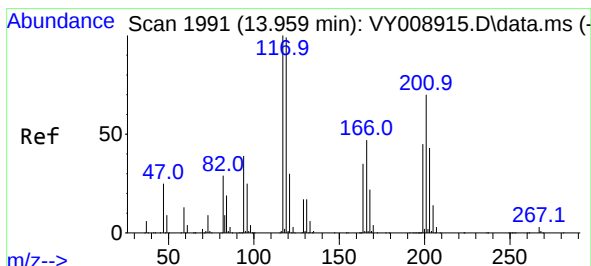
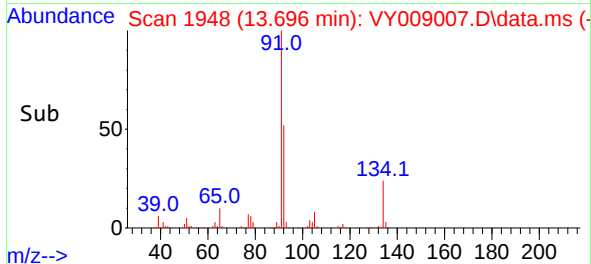
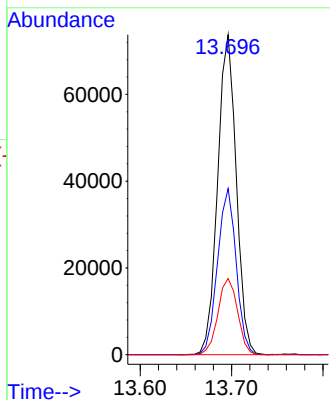
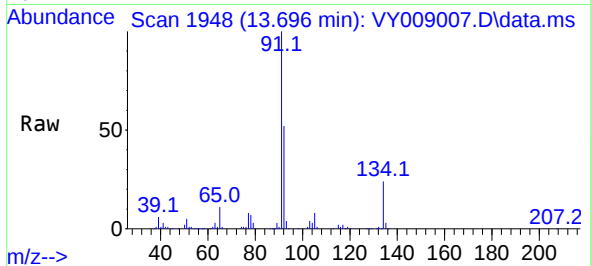
#89
n-Butylbenzene
Concen: 31.226 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD

Tgt Ion: 91 Resp: 10458
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 25.1 13.0 38.9

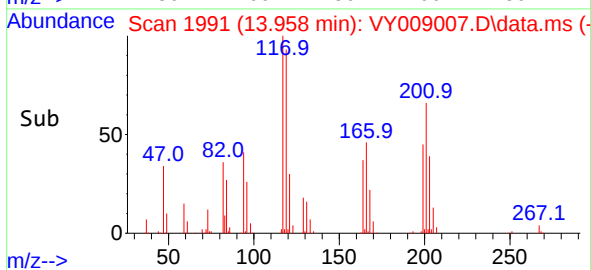
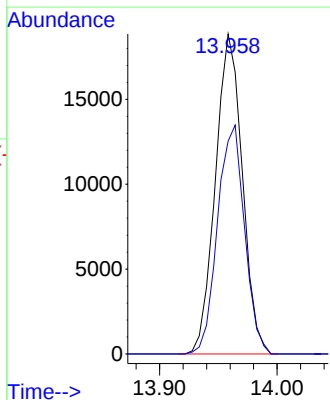
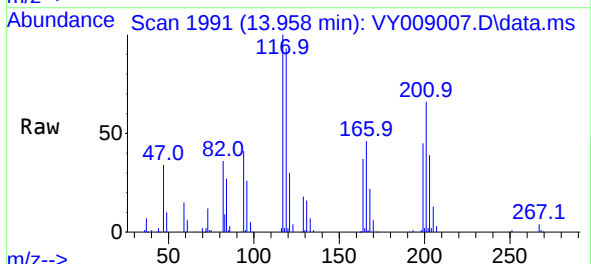
Manual Integrations
APPROVED

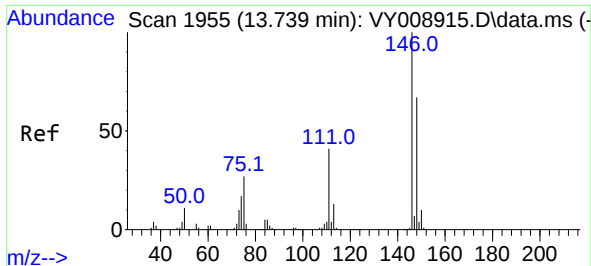
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 43.731 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

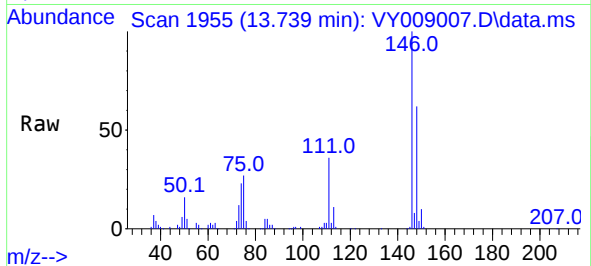
Tgt Ion:117 Resp: 30002
Ion Ratio Lower Upper
117 100
201 71.8 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 36.478 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

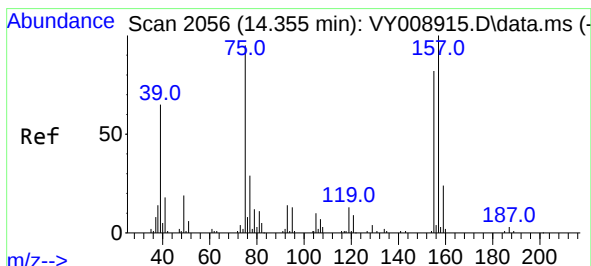
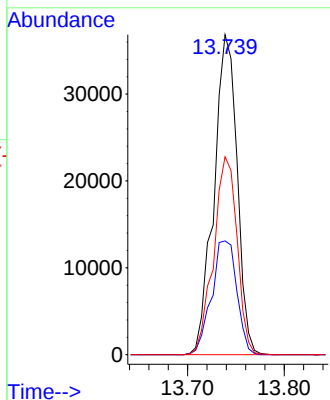
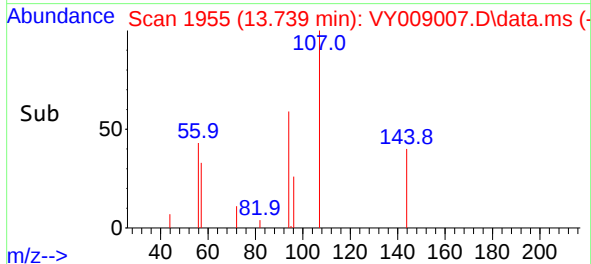
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



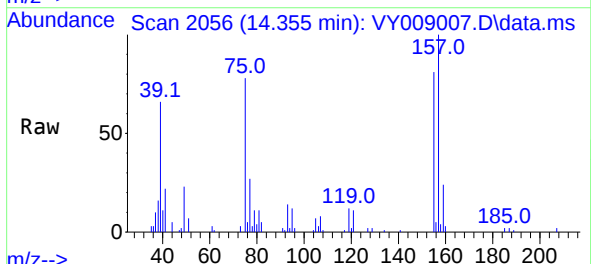
Tgt Ion:146 Resp: 61439
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 62.4 32.3 96.9

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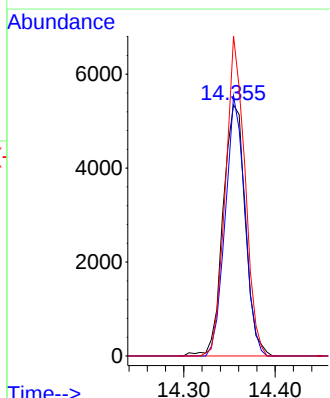
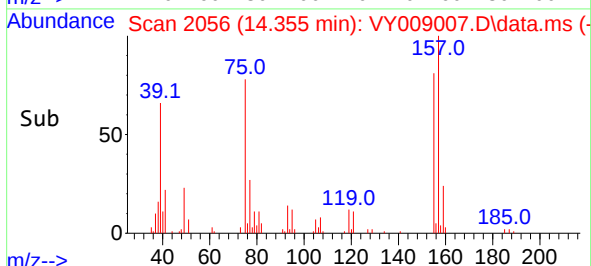
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

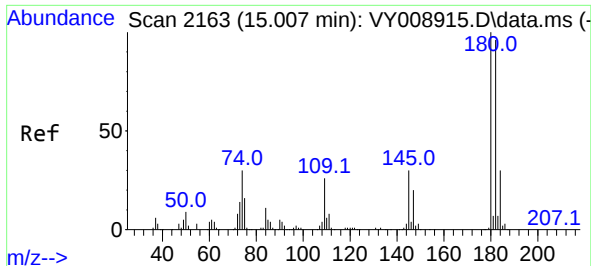


#92
1,2-Dibromo-3-Chloropropane
Concen: 73.361 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



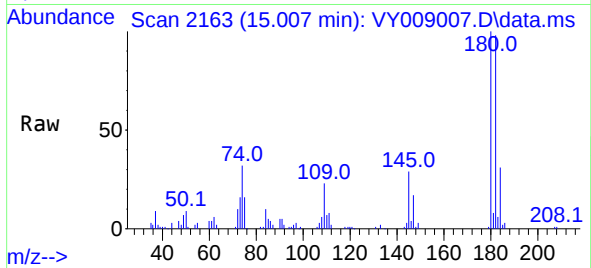
Tgt Ion: 75 Resp: 9053
Ion Ratio Lower Upper
75 100
155 91.1 38.0 113.9
157 111.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 22.182 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

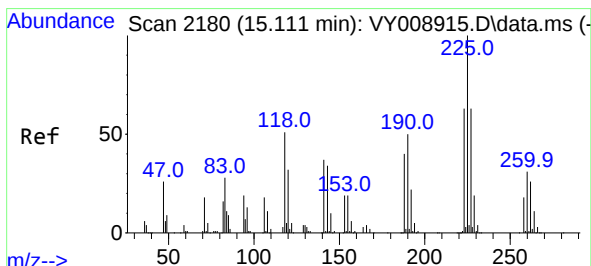
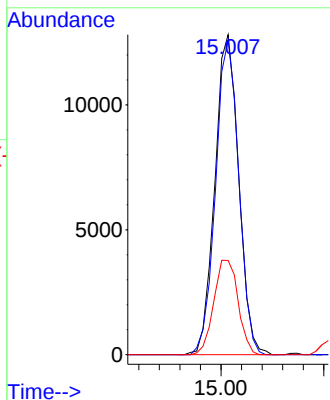
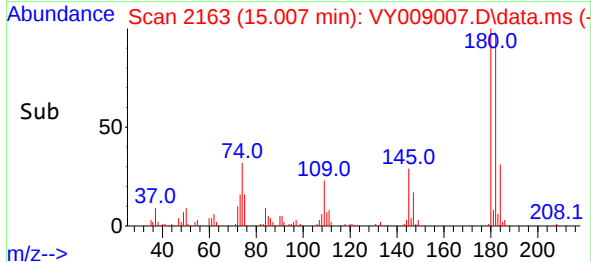
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



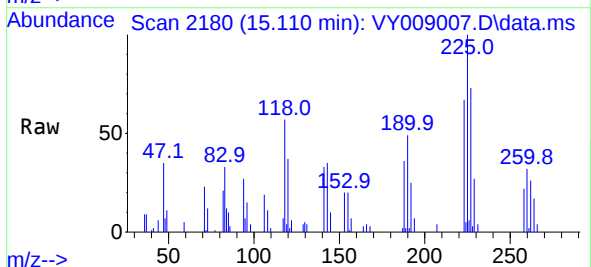
Tgt Ion:180 Resp: 20504
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 30.2 14.6 43.8

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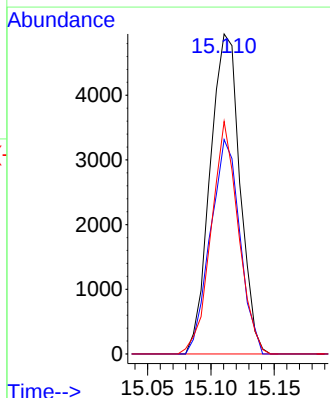
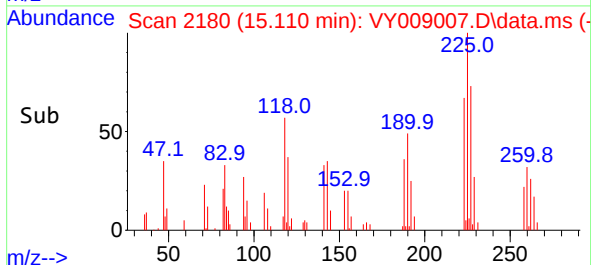
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

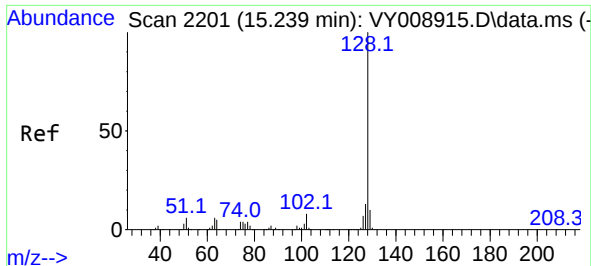


#94
Hexachlorobutadiene
Concen: 16.102 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.001 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



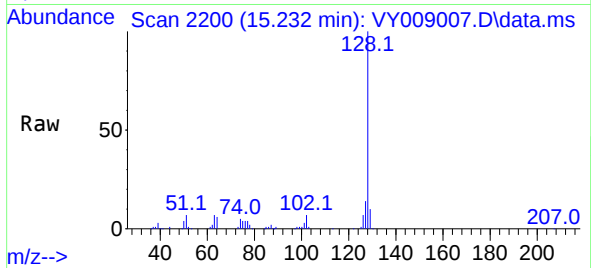
Tgt Ion:225 Resp: 8112
Ion Ratio Lower Upper
225 100
223 66.0 30.8 92.3
227 66.2 31.6 94.7





#95
Naphthalene
Concen: 39.266 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30

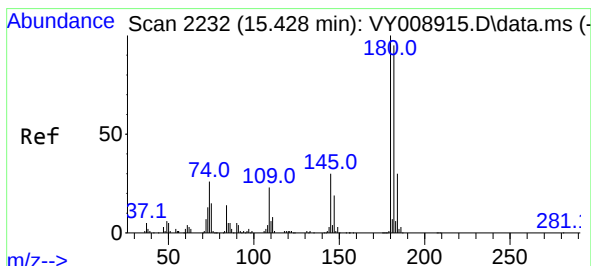
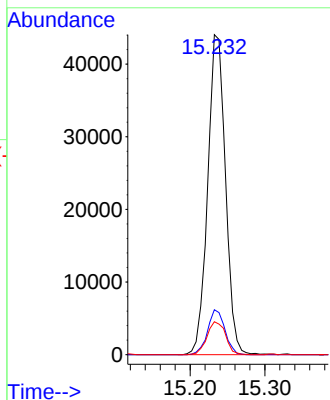
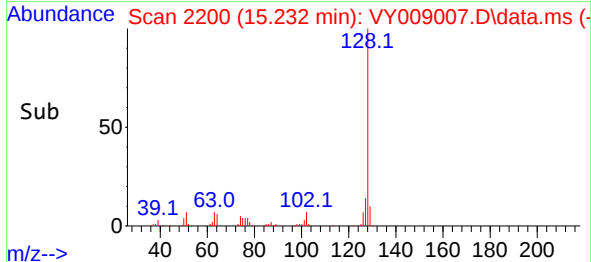
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-01MSD



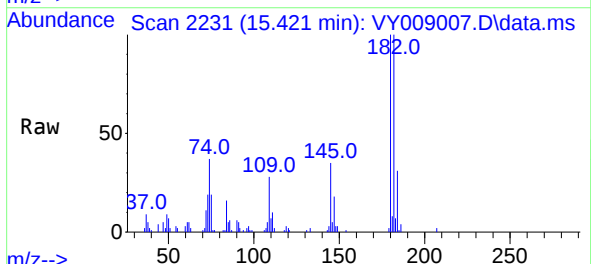
Tgt Ion:128 Resp: 7291
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.693 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.007 min
Lab File: VY009007.D
Acq: 23 May 2022 15:30



Tgt Ion:180 Resp: 17425
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 31.0 15.3 45.9

