

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009550.D
 Acq On : 13 Jul 2022 10:48
 Operator : KP/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 02:43:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	157421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53295	47.772	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.540%		
35) Dibromofluoromethane	7.710	113	58651	45.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.179	98	172308	49.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.477	95	90099	50.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21742	18.010	ug/l	96
3) Chloromethane	2.107	50	20766	15.404	ug/l	96
4) Vinyl Chloride	2.241	62	27299	17.786	ug/l	100
5) Bromomethane	2.619	94	20803	18.866	ug/l	100
6) Chloroethane	2.772	64	16748	18.689	ug/l	91
7) Trichlorofluoromethane	3.113	101	42840	20.905	ug/l	97
8) Diethyl Ether	3.522	74	13612	17.362	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.881	101	25199	18.149	ug/l	91
10) Methyl Iodide	4.082	142	26197	17.035	ug/l	91
11) Tert butyl alcohol	4.942	59	15816	60.081	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	21794	16.923	ug/l #	76
13) Acrolein	3.717	56	4322	60.745	ug/l	93
14) Allyl chloride	4.466	41	38297	17.284	ug/l	94
15) Acrylonitrile	5.149	53	40421	93.698	ug/l	99
16) Acetone	3.942	43	29459	76.926	ug/l	97
17) Carbon Disulfide	4.180	76	49331	14.929	ug/l	99
18) Methyl Acetate	4.466	43	22664	20.157	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	73527	18.864	ug/l	94
20) Methylene Chloride	4.710	84	32735	14.719	ug/l #	80
21) trans-1,2-Dichloroethene	5.204	96	25471	16.880	ug/l	89
22) Diisopropyl ether	6.106	45	93520	19.853	ug/l	97
23) Vinyl Acetate	6.052	43	284121	85.999	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	49346	18.576	ug/l	97
25) 2-Butanone	6.978	43	57650	93.060	ug/l	93
26) 2,2-Dichloropropane	6.972	77	50776	19.394	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	32871	18.504	ug/l	90
28) Bromochloromethane	7.326	49	19916	17.838	ug/l #	84
29) Tetrahydrofuran	7.338	42	36337	90.687	ug/l	92
30) Chloroform	7.496	83	54106	18.610	ug/l	93
31) Cyclohexane	7.777	56	40396	15.641	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	49474	19.302	ug/l	97
36) 1,1-Dichloropropene	7.911	75	37761	18.180	ug/l	98
37) Ethyl Acetate	7.064	43	24787	19.038	ug/l #	96
38) Carbon Tetrachloride	7.893	117	44218	19.905	ug/l	97
39) Methylcyclohexane	9.179	83	43006	17.249	ug/l	91
40) Benzene	8.155	78	112178	18.392	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13693	20.254	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	35625	19.455	ug/l	93
43) Isopropyl Acetate	8.265	43	46842	19.282	ug/l	95
44) Trichloroethene	8.935	130	31232	18.126	ug/l	96
45) 1,2-Dichloropropane	9.210	63	29734	19.263	ug/l	89
46) Dibromomethane	9.301	93	17790	19.637	ug/l	97
47) Bromodichloromethane	9.490	83	42732	19.817	ug/l	96
48) Methyl methacrylate	9.289	41	20567	19.650	ug/l	92
49) 1,4-Dioxane	9.295	88	5097	382.037	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	128640	100.692	ug/l	95
52) Toluene	10.240	92	73540	18.921	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	43336	19.071	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	48079	18.975	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	25657	19.631	ug/l	95
56) Ethyl methacrylate	10.508	69	33675	19.407	ug/l	89
57) 1,3-Dichloropropane	10.789	76	42009	19.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	78141	92.186	ug/l	94
59) 2-Hexanone	10.831	43	91479	103.335	ug/l	96
60) Dibromochloromethane	10.984	129	31636	19.989	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24455	19.518	ug/l	96
64) Tetrachloroethene	10.715	164	31347	16.642	ug/l	94
65) Chlorobenzene	11.514	112	85663	19.360	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	32950	19.797	ug/l	98
67) Ethyl Benzene	11.587	91	149082	19.300	ug/l	98
68) m/p-Xylenes	11.697	106	120638	40.044	ug/l	90
69) o-Xylene	12.026	106	56356	19.516	ug/l	92
70) Styrene	12.044	104	96834	20.077	ug/l	95
71) Bromoform	12.203	173	21416	20.188	ug/l #	98
73) Isopropylbenzene	12.325	105	152278	18.142	ug/l	99
74) N-amyl acetate	12.142	43	46376	19.419	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	31169	18.546	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	22880m	17.610	ug/l	
77) Bromobenzene	12.605	156	37612	18.406	ug/l	94
78) n-propylbenzene	12.666	91	191093	18.844	ug/l	98
79) 2-Chlorotoluene	12.752	91	105247	18.538	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	130275	18.568	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	11451	18.038	ug/l	87
82) 4-Chlorotoluene	12.855	91	112296	18.874	ug/l	99
83) tert-Butylbenzene	13.075	119	117486	18.822	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	129692	18.571	ug/l	98
85) sec-Butylbenzene	13.251	105	175273	19.066	ug/l	98
86) p-Isopropyltoluene	13.367	119	147325	19.226	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	76689	19.013	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	77530	18.991	ug/l	99
89) n-Butylbenzene	13.697	91	137601	19.230	ug/l	98
90) Hexachloroethane	13.959	117	28543	18.984	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	69917	18.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5524	18.752	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	41855	18.570	ug/l	98
94) Hexachlorobutadiene	15.111	225	24515	19.783	ug/l	99
95) Naphthalene	15.233	128	80561	17.287	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	36302	18.595	ug/l	98

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ClientSampleId :
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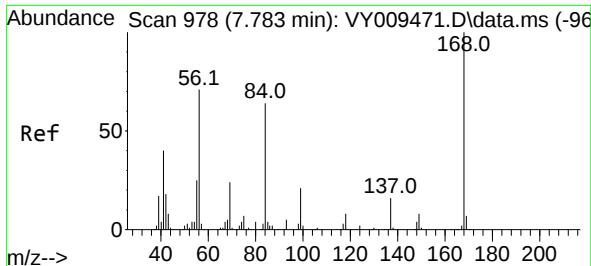
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

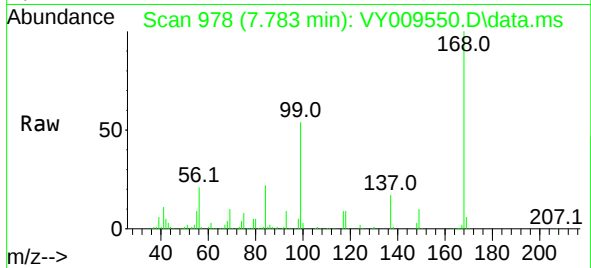
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009550.D
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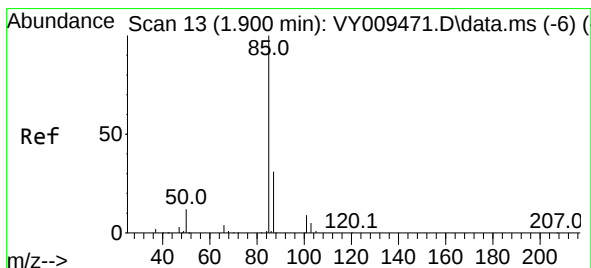
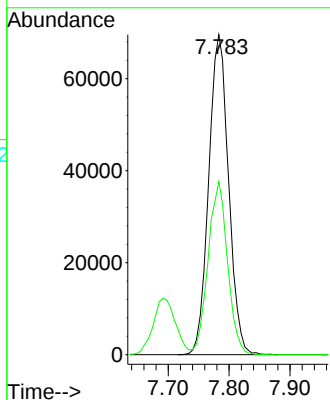
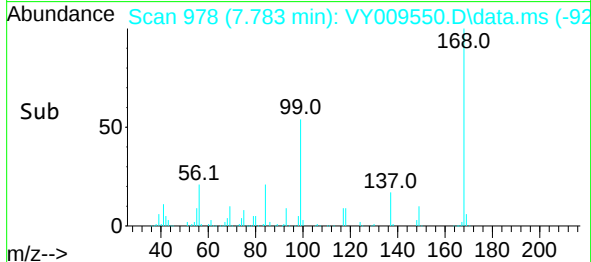
Instrument :
MSVOA_Y
ClientSampleId :
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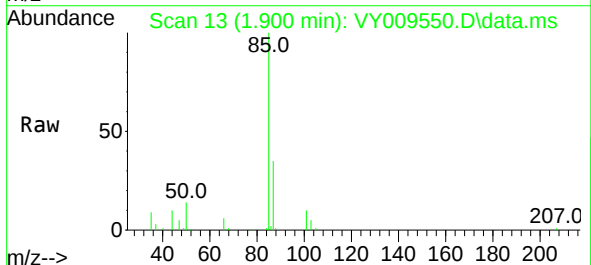
Tgt Ion:168 Resp: 15742
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3

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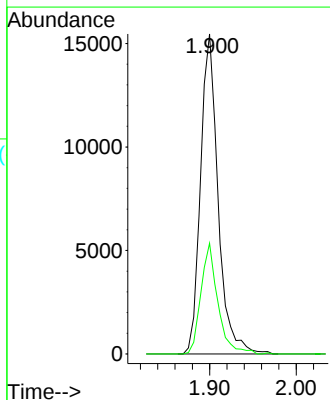
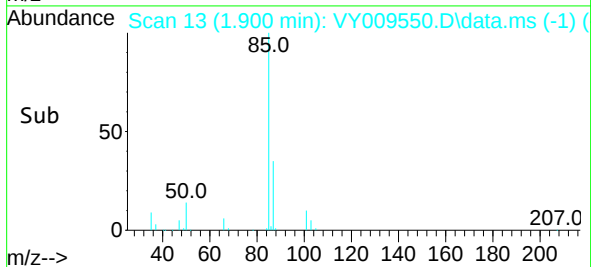
Reviewed By :John Carlone 07/14/2022
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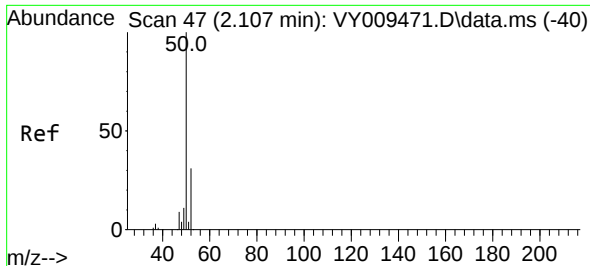


#2
Dichlorodifluoromethane
Concen: 18.010 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



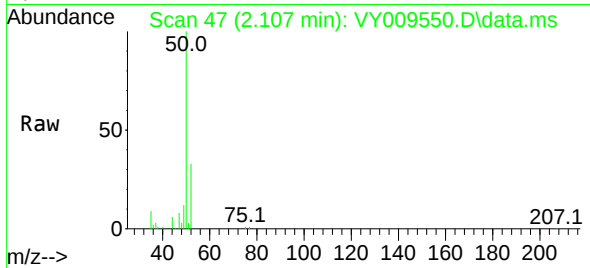
Tgt Ion: 85 Resp: 21742
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.2





#3
Chloromethane
Concen: 15.404 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

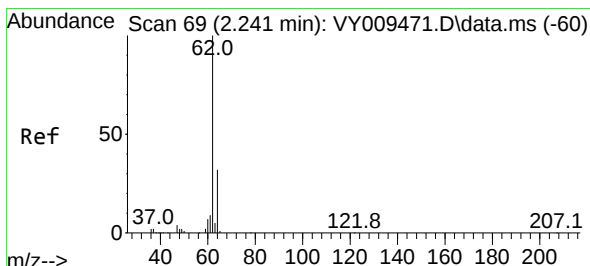
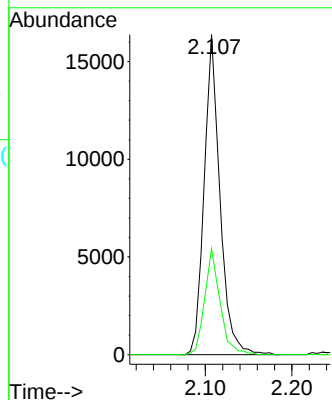
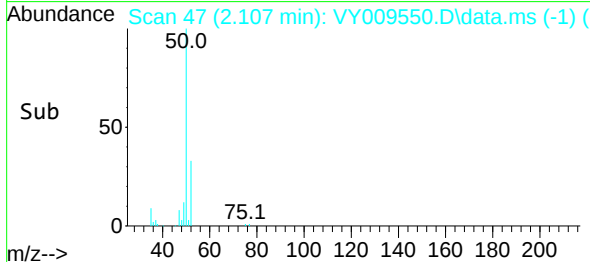
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 20760
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0

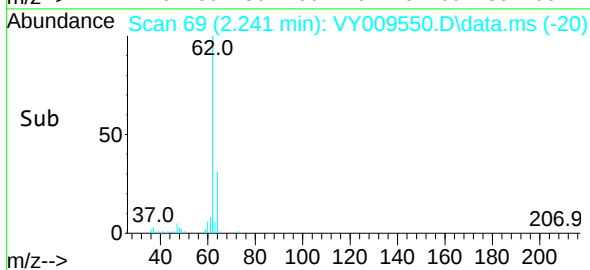
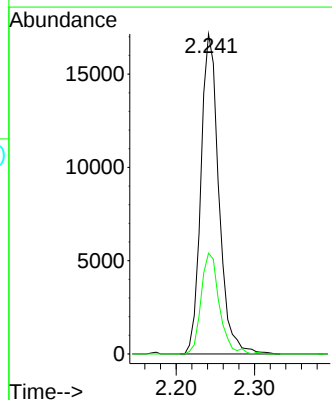
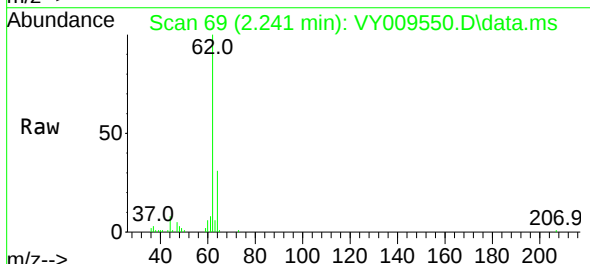
Manual Integrations
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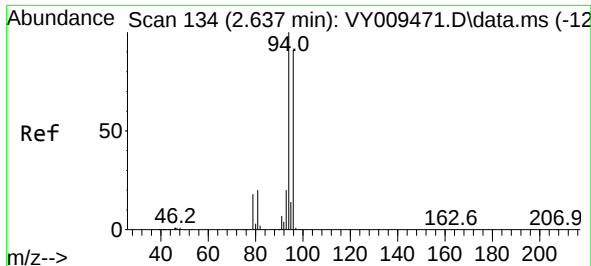
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#4
Vinyl Chloride
Concen: 17.786 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

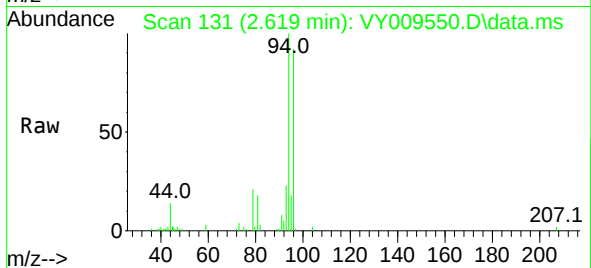
Tgt Ion: 62 Resp: 27299
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6





#5
Bromomethane
Concen: 18.866 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

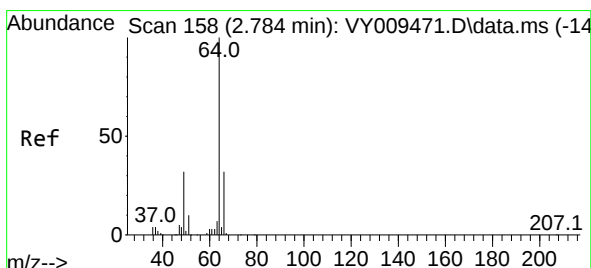
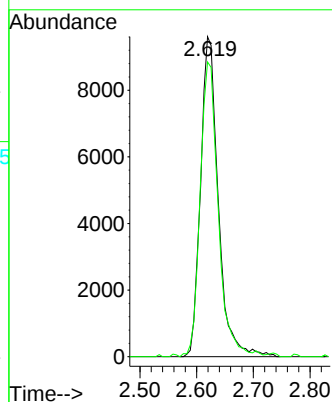
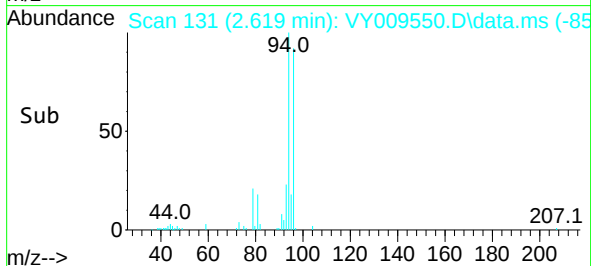
Instrument :
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Tgt Ion: 94 Resp: 2080
Ion Ratio Lower Upper
94 100
96 92.1 73.5 110.3

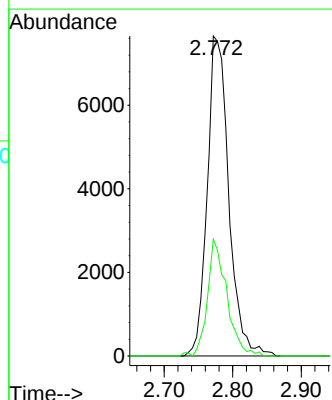
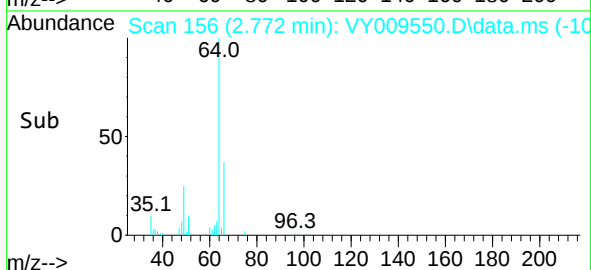
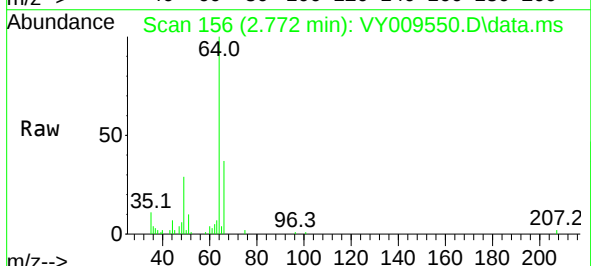
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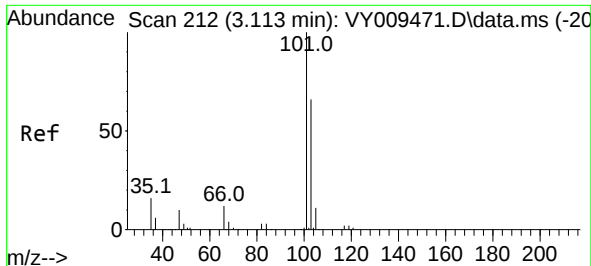
Reviewed By :John Carlone 07/14/2022
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#6
Chloroethane
Concen: 18.689 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009550.D
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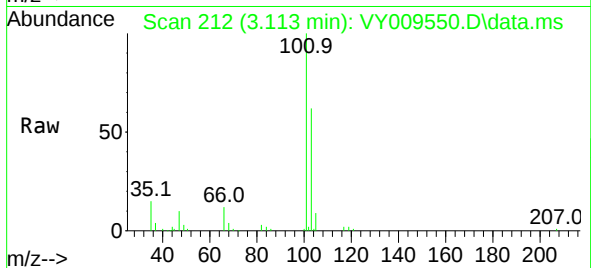
Tgt Ion: 64 Resp: 16748
Ion Ratio Lower Upper
64 100
66 36.5 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 20.905 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48

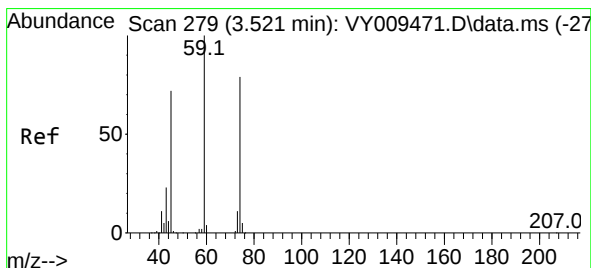
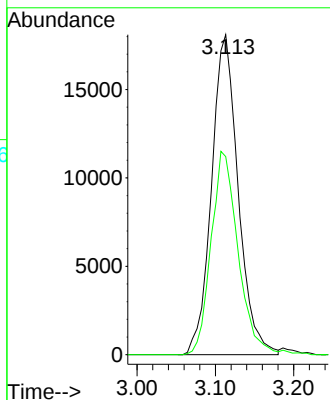
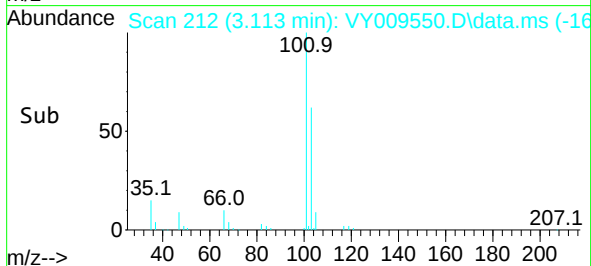
Instrument :
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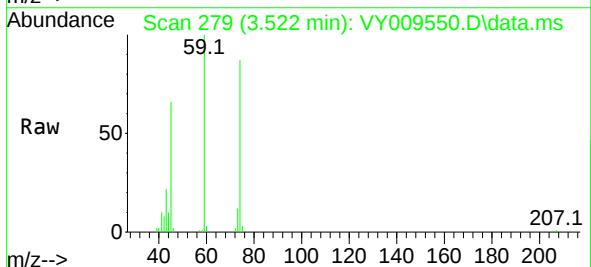
Tgt Ion:101 Resp: 42840
 Ion Ratio Lower Upper
 101 100
 103 61.9 48.0 72.0

Manual Integrations
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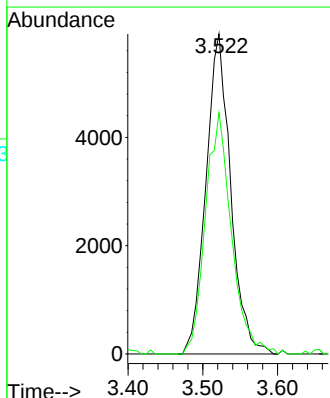
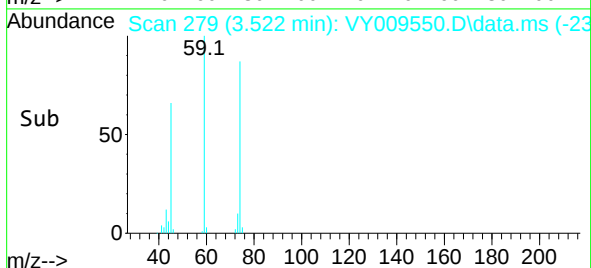
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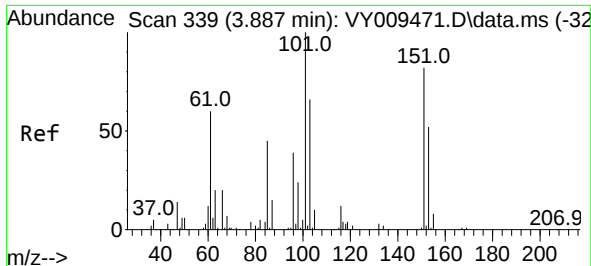


#8
 Diethyl Ether
 Concen: 17.362 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 13612
 Ion Ratio Lower Upper
 74 100
 45 79.4 55.1 165.5





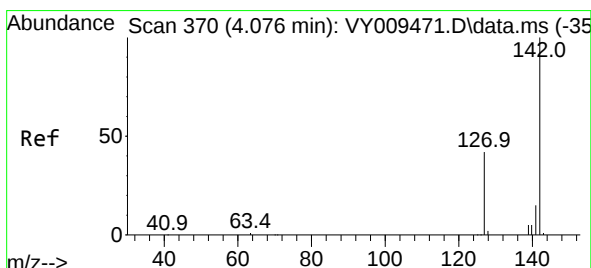
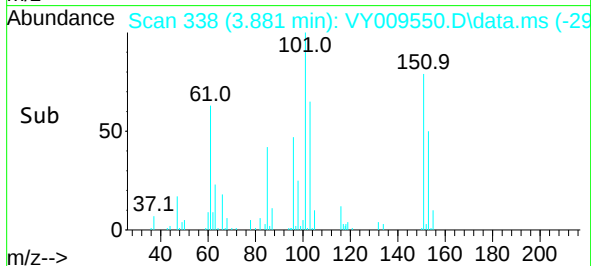
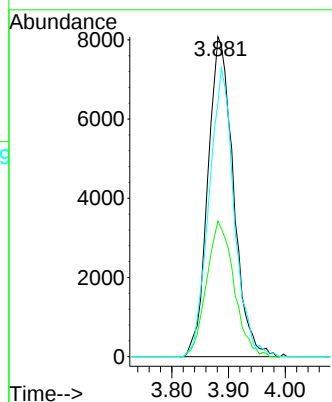
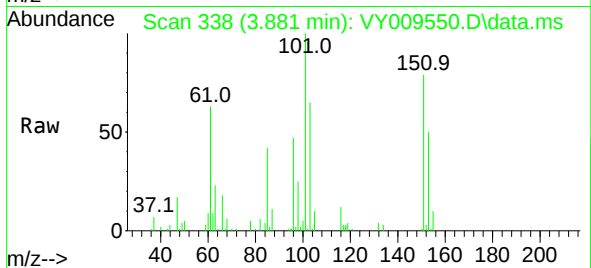
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.149 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:101 Resp: 25199
Ion Ratio Lower Upper
101 100
85 45.4 40.6 60.8
151 89.2 64.9 97.3

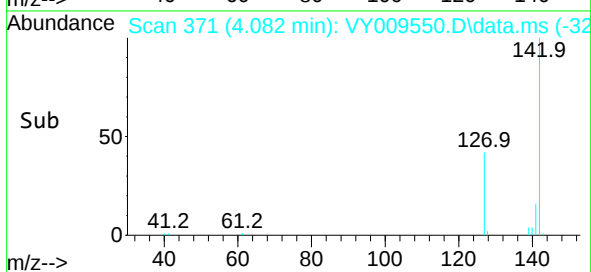
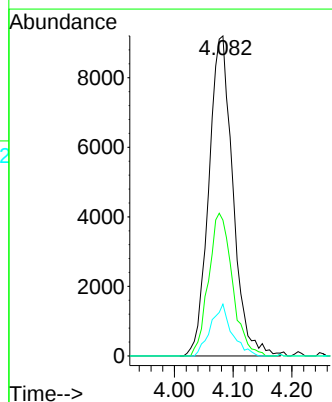
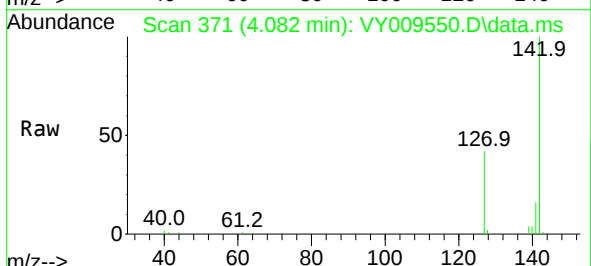
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#10
Methyl Iodide
Concen: 17.035 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

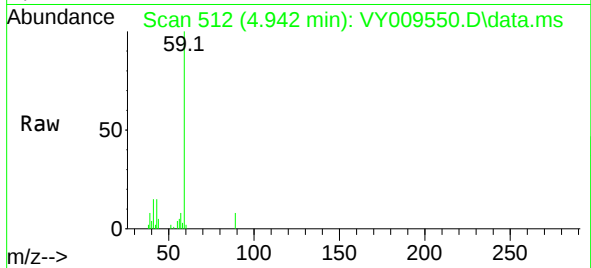
Tgt Ion:142 Resp: 26197
Ion Ratio Lower Upper
142 100
127 44.1 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 60.081 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

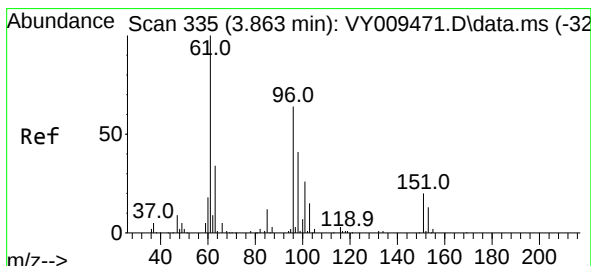
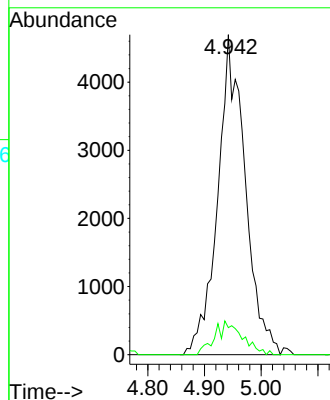
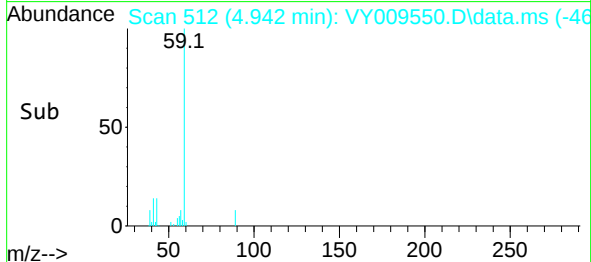
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 59 Resp: 15810
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6

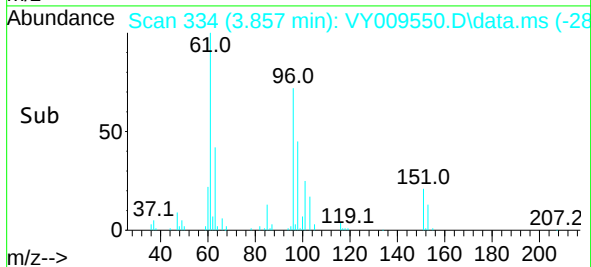
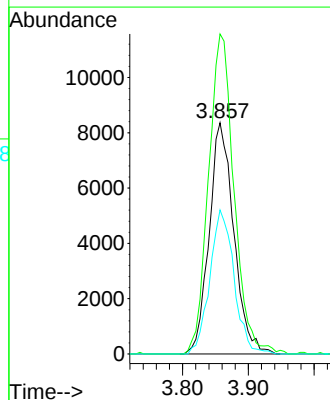
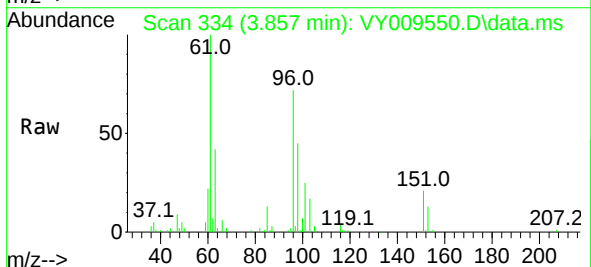
Manual Integrations
APPROVED

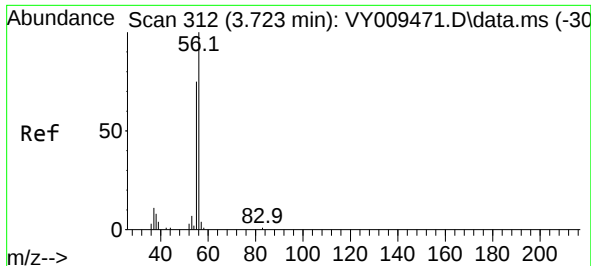
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#12
1,1-Dichloroethene
Concen: 16.923 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

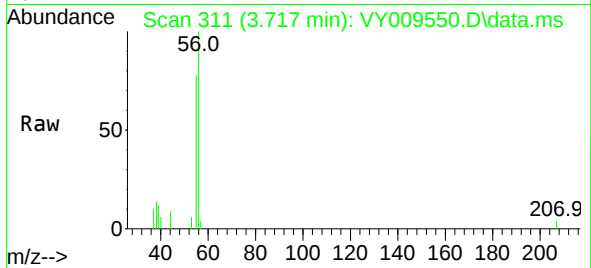
Tgt Ion: 96 Resp: 21794
Ion Ratio Lower Upper
96 100
61 138.4 145.8 218.6#
98 62.3 52.5 78.7





#13
Acrolein
Concen: 60.745 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

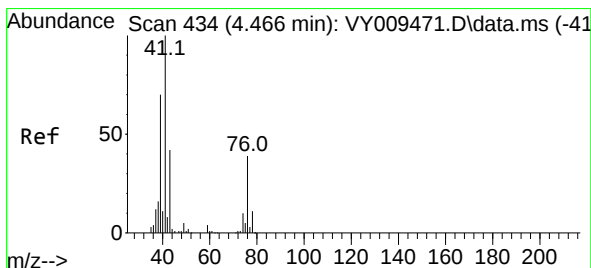
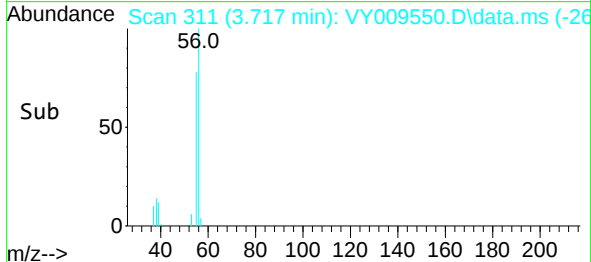
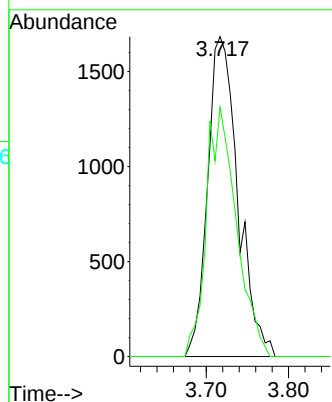
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 56 Resp: 432
Ion Ratio Lower Upper
56 100
55 77.4 57.6 86.4

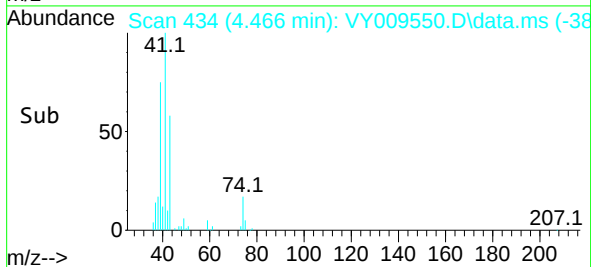
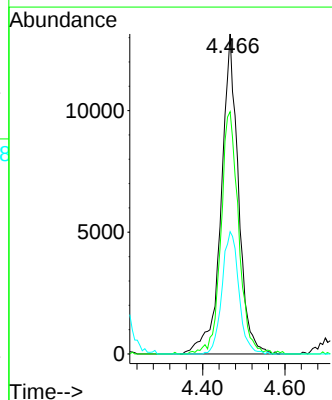
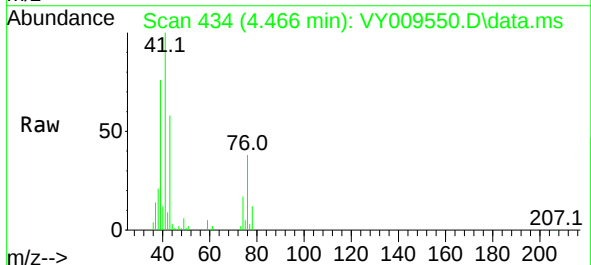
Manual Integrations
APPROVED

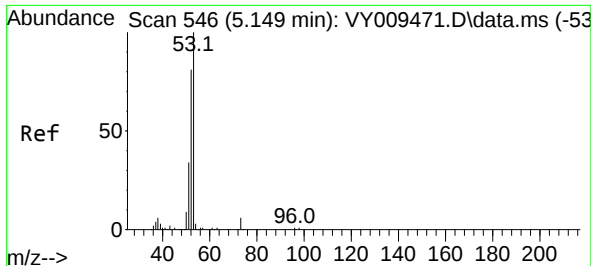
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#14
Allyl chloride
Concen: 17.284 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

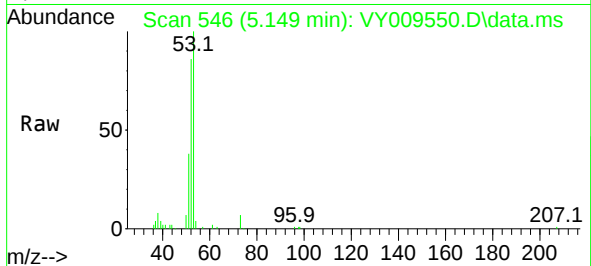
Tgt Ion: 41 Resp: 38297
Ion Ratio Lower Upper
41 100
39 77.3 58.8 88.2
76 37.4 25.1 37.7





#15
Acrylonitrile
Concen: 93.698 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

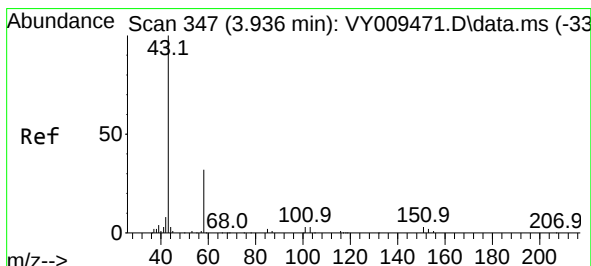
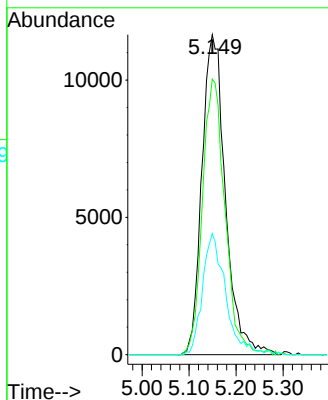
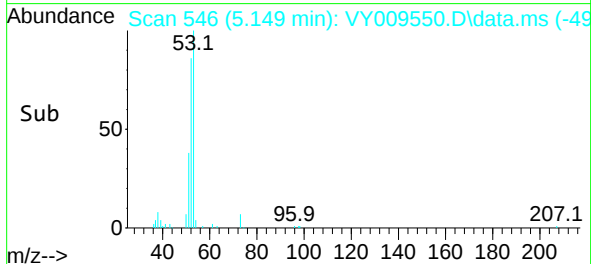
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



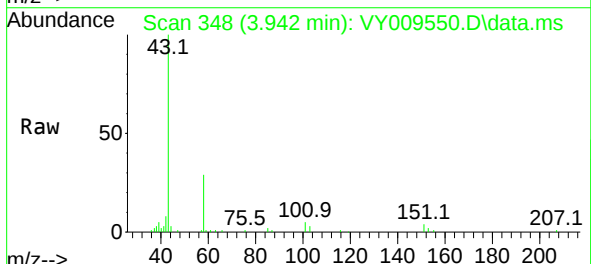
Tgt Ion: 53 Resp: 4042
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 37.2 29.8 44.6

Manual Integrations
APPROVED

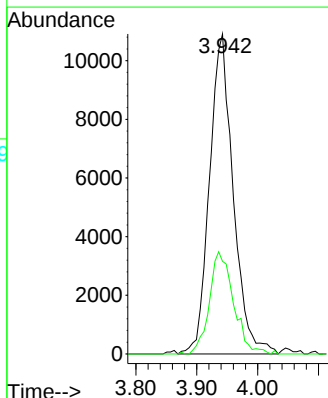
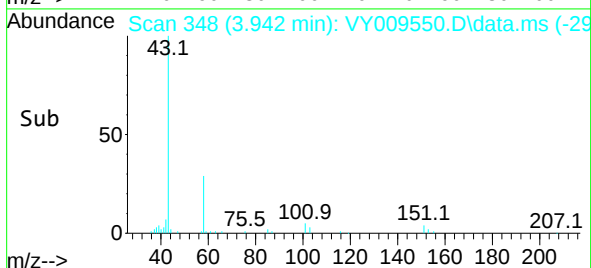
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

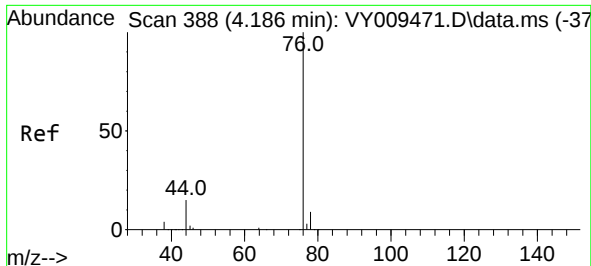


#16
Acetone
Concen: 76.926 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



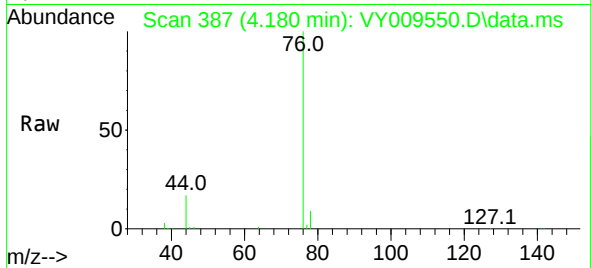
Tgt Ion: 43 Resp: 29459
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0





#17
Carbon Disulfide
Concen: 14.929 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

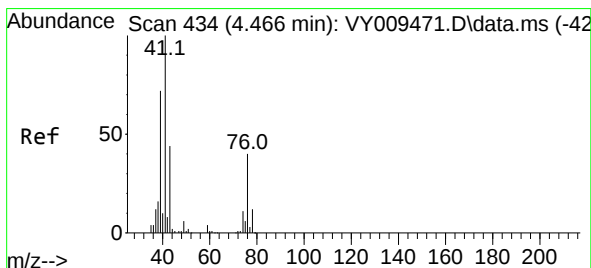
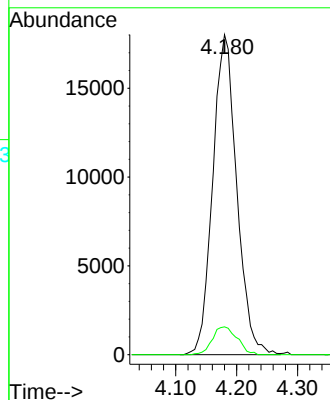
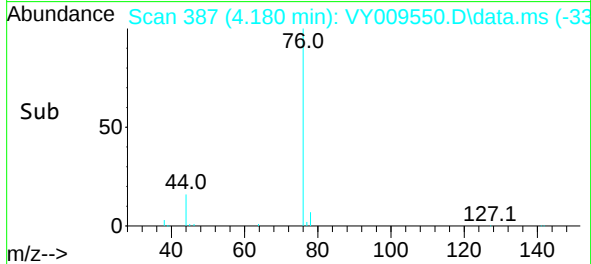
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 76 Resp: 4933
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

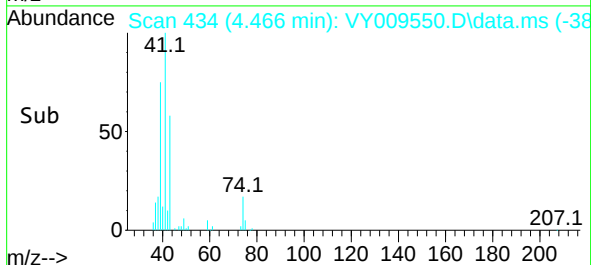
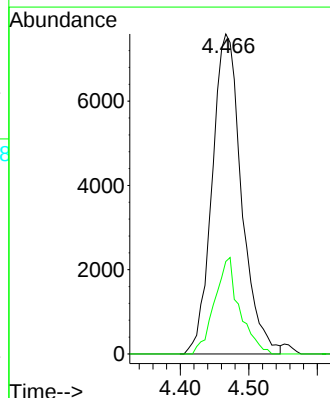
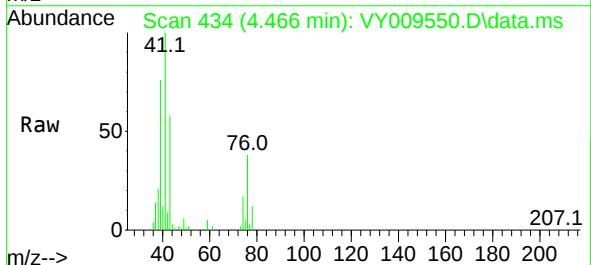
Manual Integrations
APPROVED

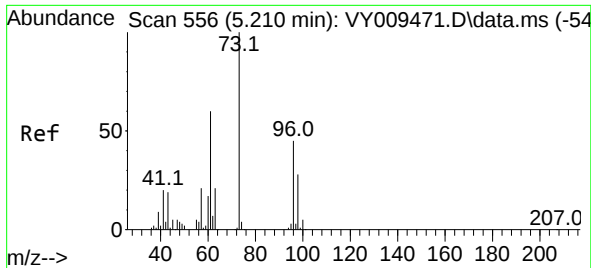
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#18
Methyl Acetate
Concen: 20.157 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

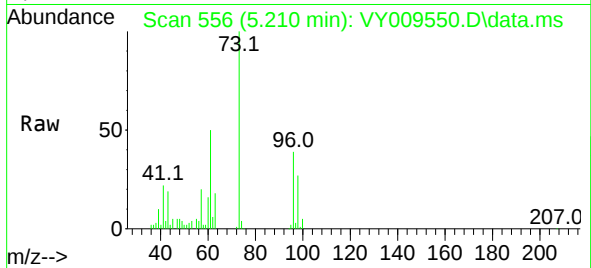
Tgt Ion: 43 Resp: 22664
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 18.864 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

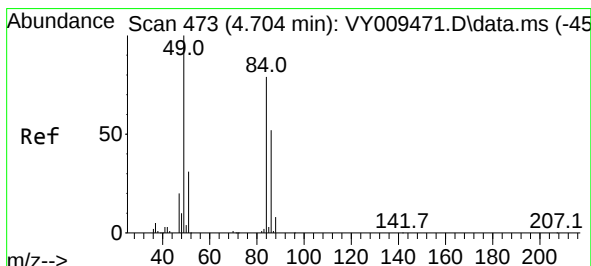
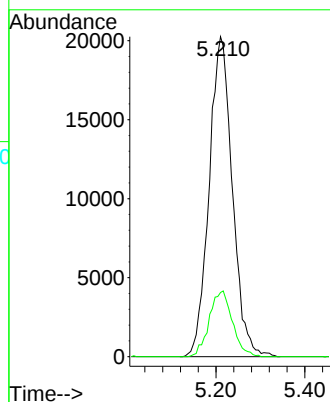
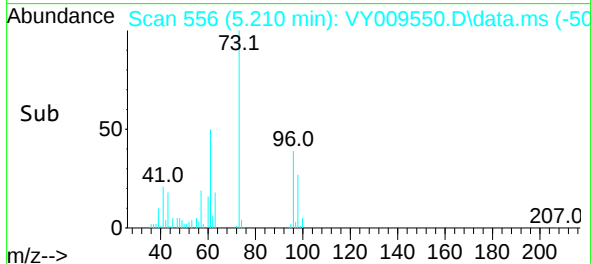
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



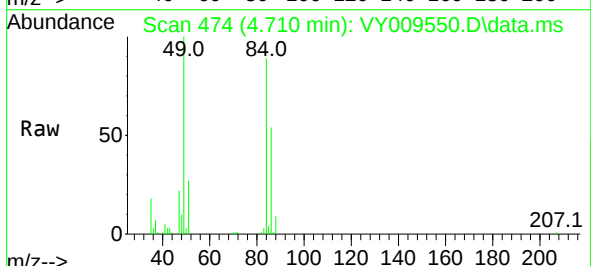
Tgt Ion: 73 Resp: 7352
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8

Manual Integrations
APPROVED

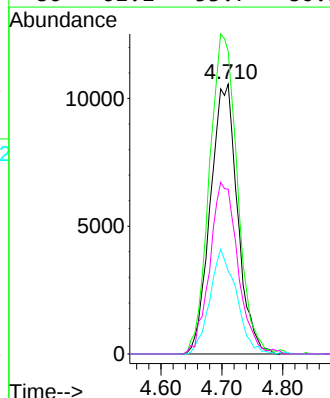
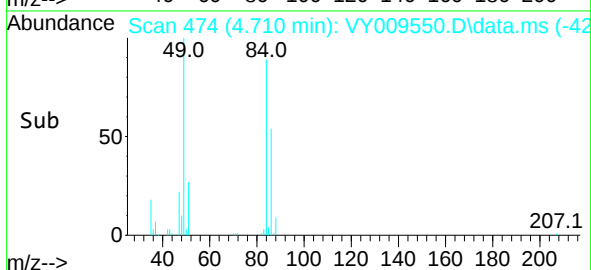
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#20
Methylene Chloride
Concen: 14.719 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



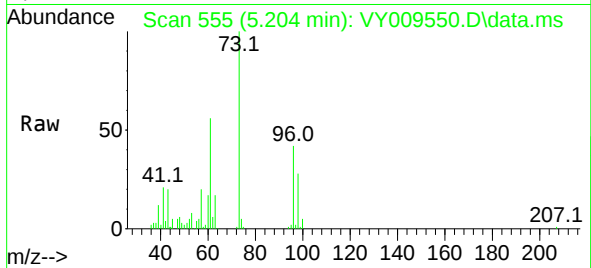
Tgt Ion: 84 Resp: 32735
Ion Ratio Lower Upper
84 100
49 112.2 114.4 171.6#
51 30.6 35.3 52.9#
86 61.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 16.880 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

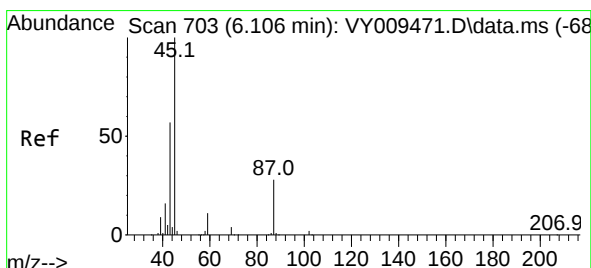
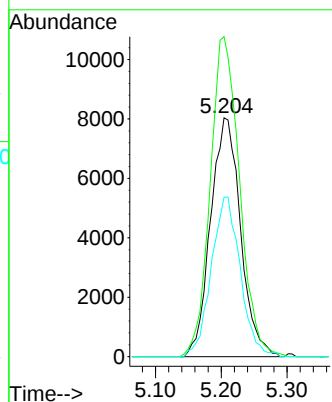
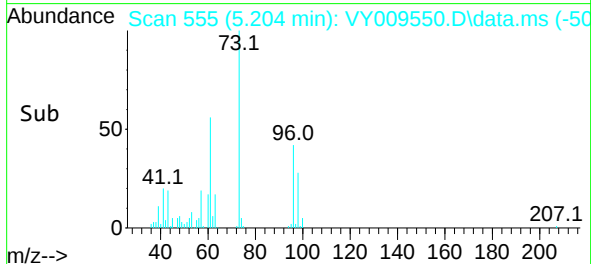
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



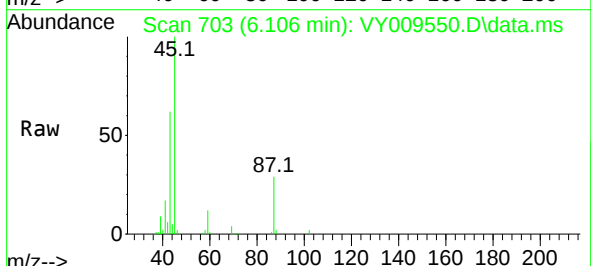
Tgt Ion: 96 Resp: 2547
Ion Ratio Lower Upper
96 100
61 134.0 120.5 180.7
98 66.7 49.8 74.8

Manual Integrations
APPROVED

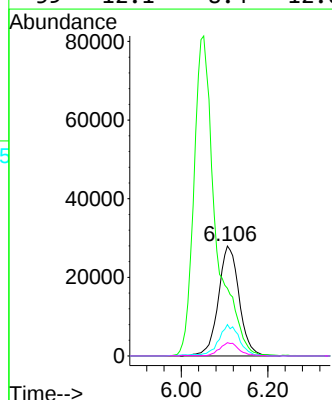
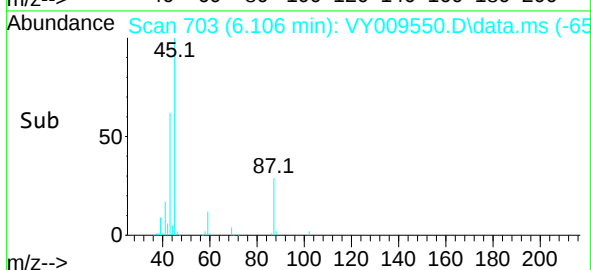
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

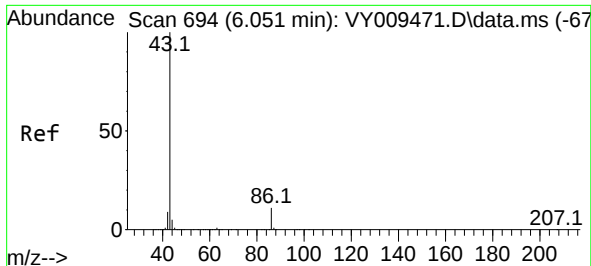


#22
Diisopropyl ether
Concen: 19.853 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



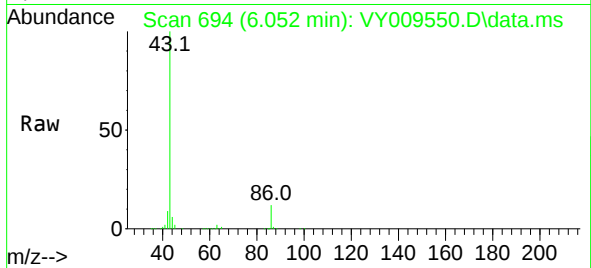
Tgt Ion: 45 Resp: 93520
Ion Ratio Lower Upper
45 100
43 61.3 49.3 73.9
87 28.5 19.2 28.8
59 12.1 8.4 12.6





#23
 Vinyl Acetate
 Concen: 85.999 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48

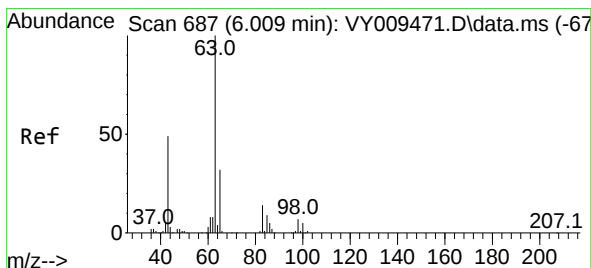
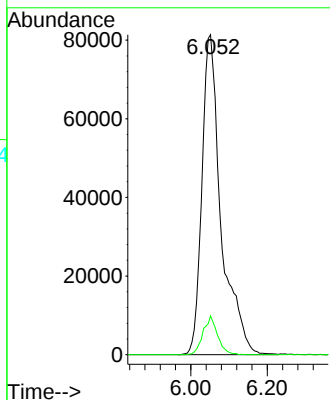
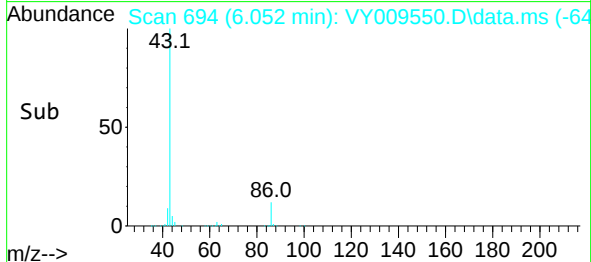
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01



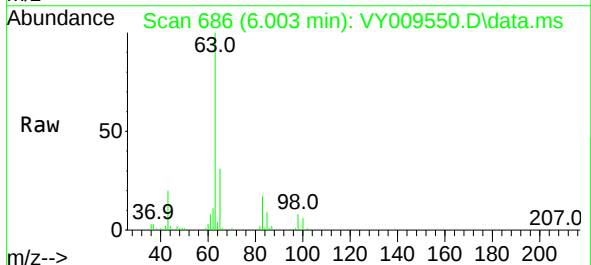
Tgt Ion: 43 Resp: 28412
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7

Manual Integrations
 APPROVED

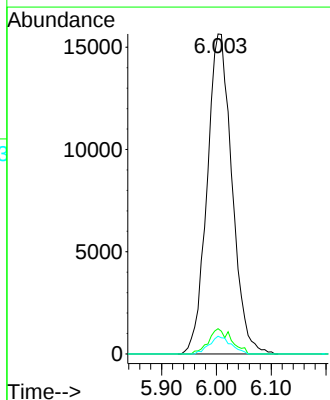
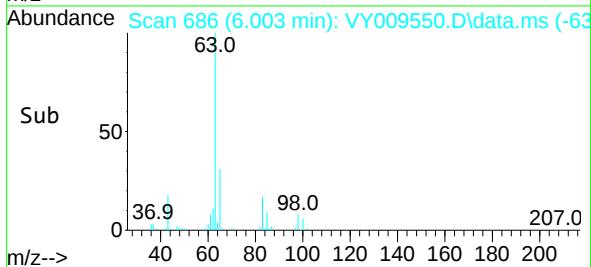
Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

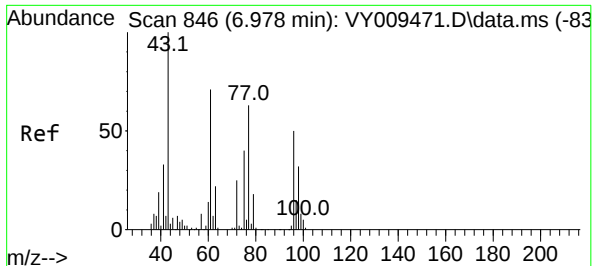


#24
 1,1-Dichloroethane
 Concen: 18.576 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48



Tgt Ion: 63 Resp: 49346
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 93.060 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 43 Resp: 57650

Ion Ratio Lower Upper

43 100

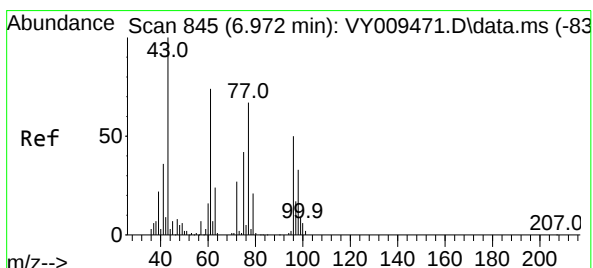
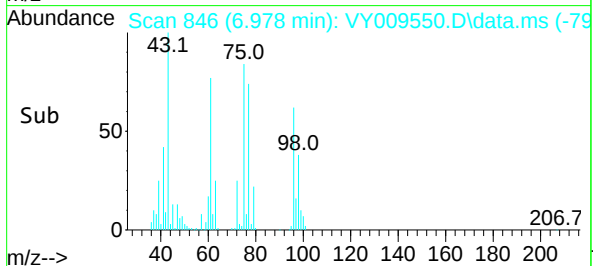
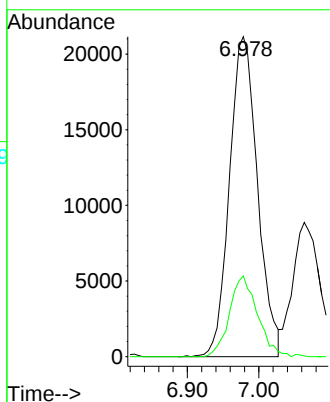
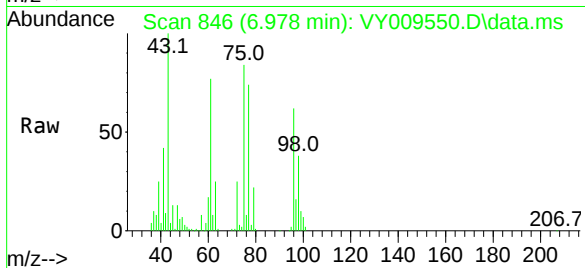
72 25.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#26

2,2-Dichloropropane

Concen: 19.394 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009550.D

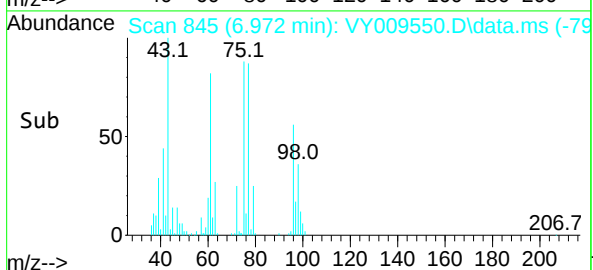
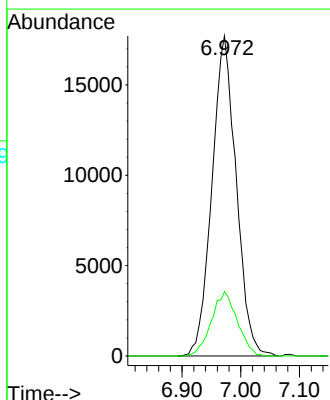
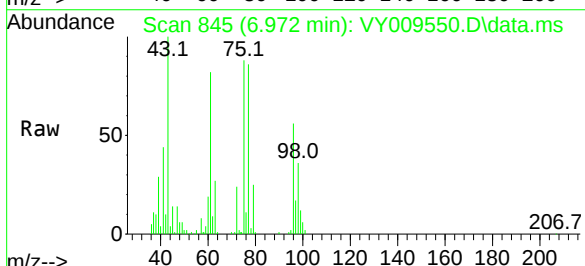
Acq: 13 Jul 2022 10:48

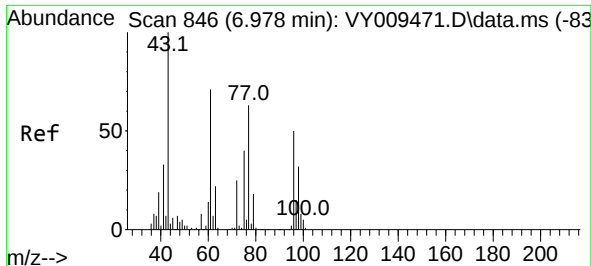
Tgt Ion: 77 Resp: 50776

Ion Ratio Lower Upper

77 100

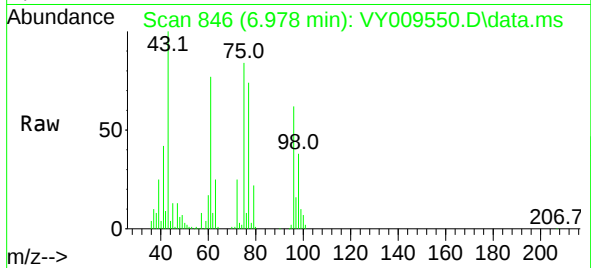
97 21.4 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.504 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48

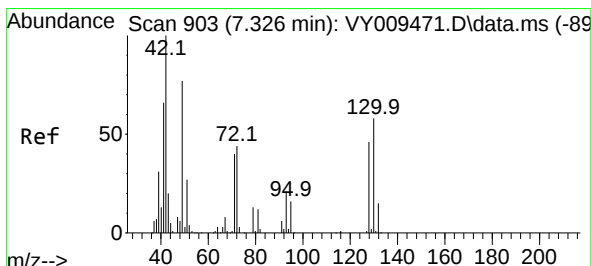
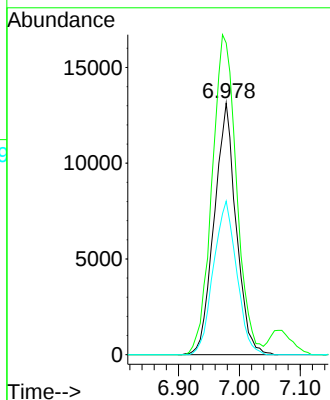
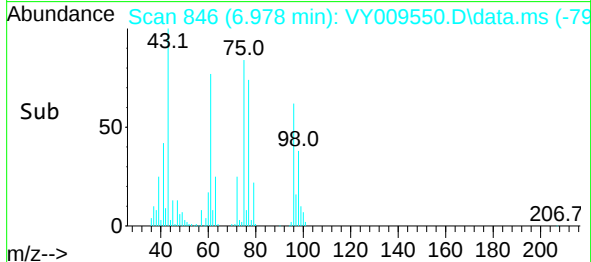
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01



Tgt Ion: 96 Resp: 3287
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 319.8
 98 64.7 0.0 127.0

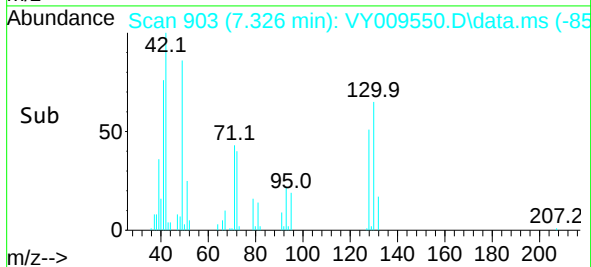
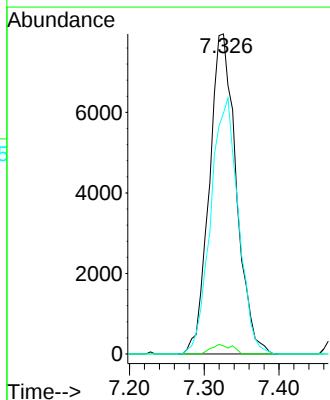
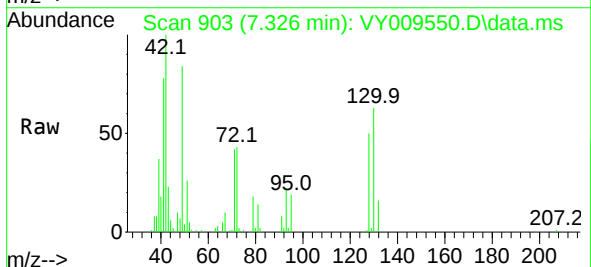
Manual Integrations
 APPROVED

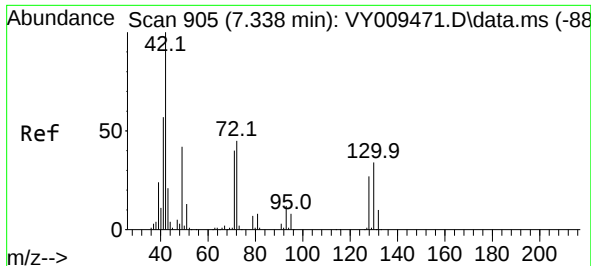
Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#28
 Bromochloromethane
 Concen: 17.838 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48

Tgt Ion: 49 Resp: 19916
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 82.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 90.687 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

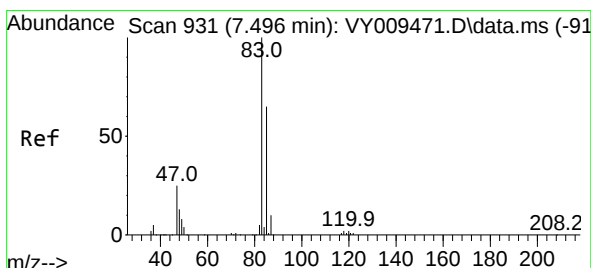
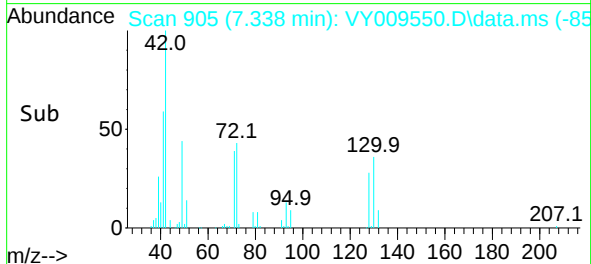
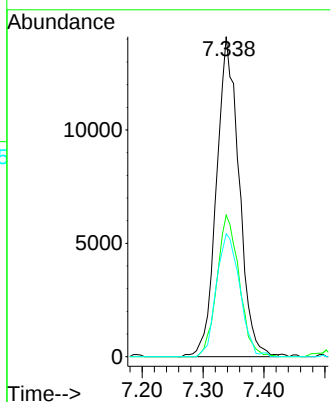
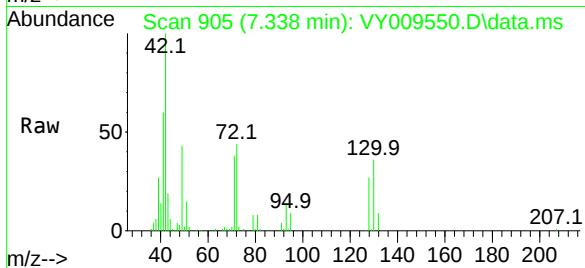
ClientSampleId :

VY0713SBS01

Tgt Ion:	42	Resp:	3633
Ion Ratio	Lower	Upper	
42	100		
72	43.7	30.3	45.5
71	39.8	29.0	43.4

Manual Integrations
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Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#30

Chloroform

Concen: 18.610 ug/l

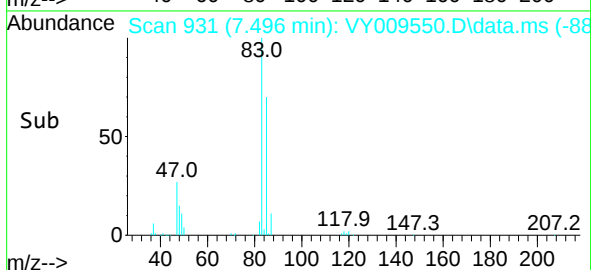
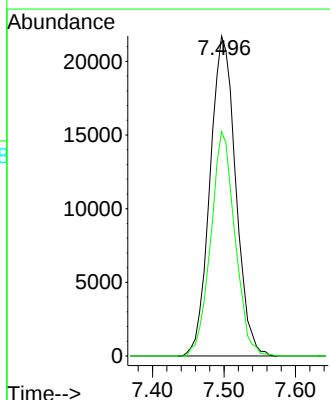
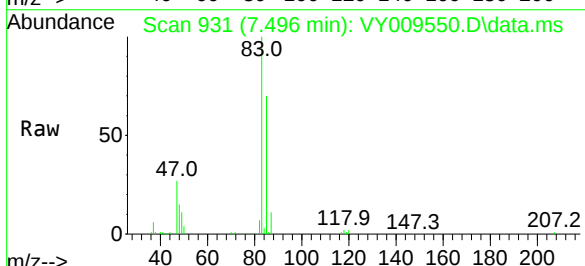
RT: 7.496 min Scan# 931

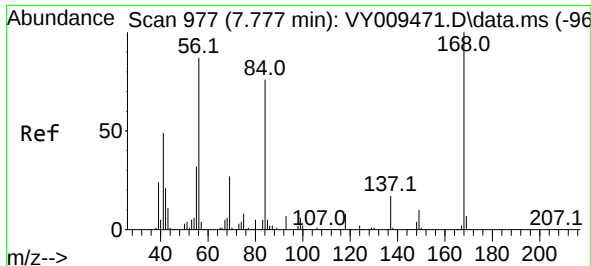
Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

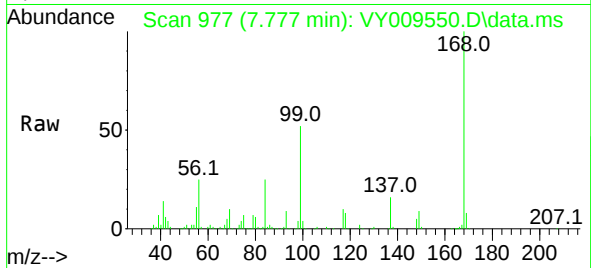
Tgt Ion:	83	Resp:	54106
Ion Ratio	Lower	Upper	
83	100		
85	70.1	51.8	77.6





#31
Cyclohexane
Concen: 15.641 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

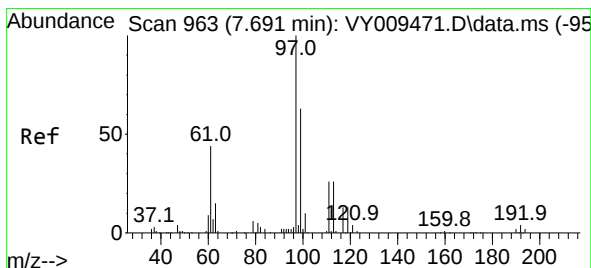
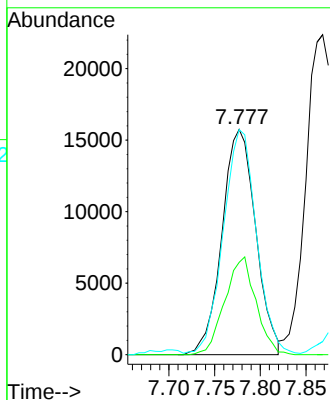
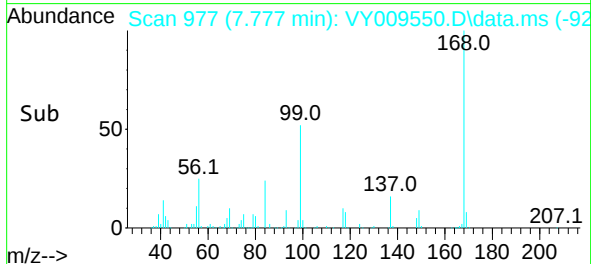
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



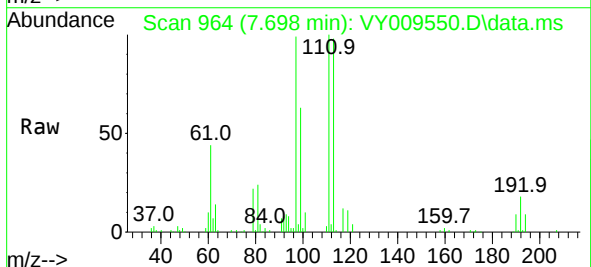
Tgt Ion: 56 Resp: 40390
Ion Ratio Lower Upper
56 100
69 41.0 26.7 40.1
84 98.1 67.2 100.8

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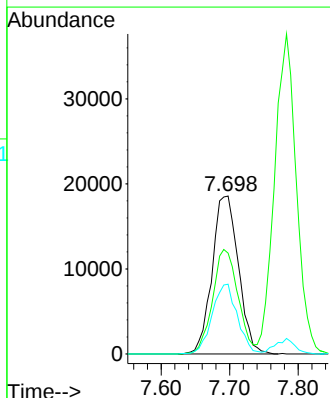
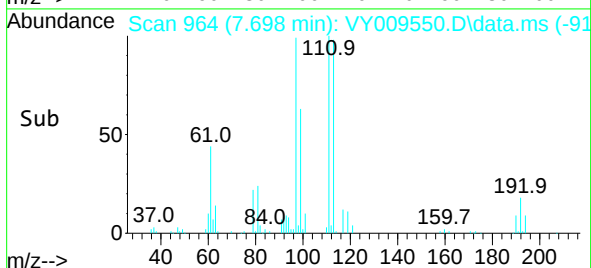
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

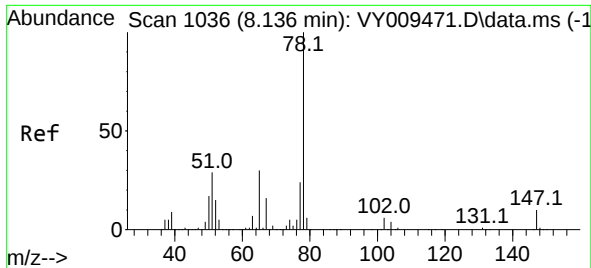


#32
1,1,1-Trichloroethane
Concen: 19.302 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



Tgt Ion: 97 Resp: 49474
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 42.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.772 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 65 Resp: 5329

Ion Ratio Lower Upper

65 100

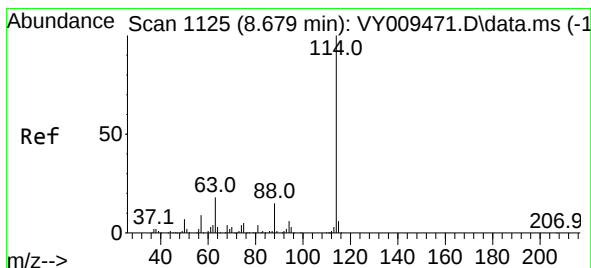
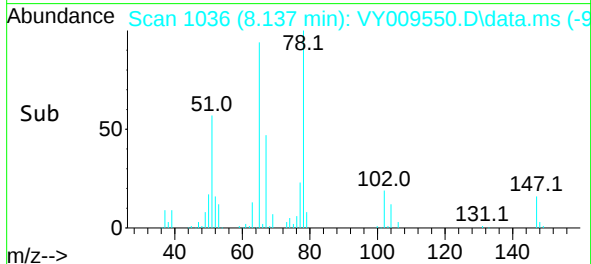
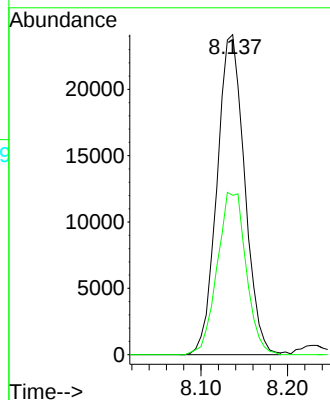
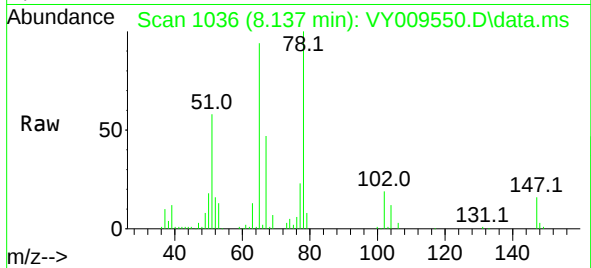
67 53.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

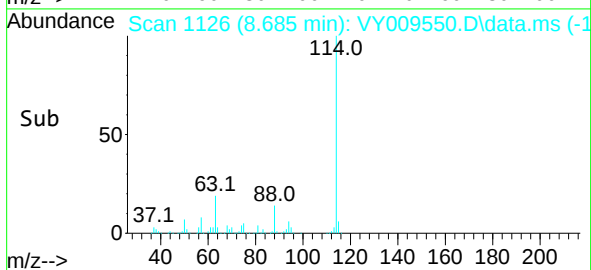
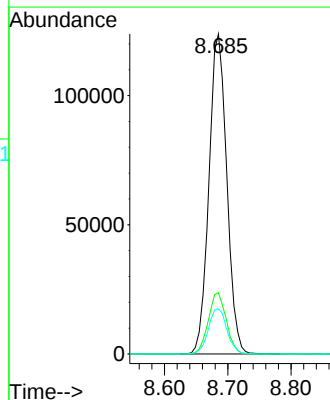
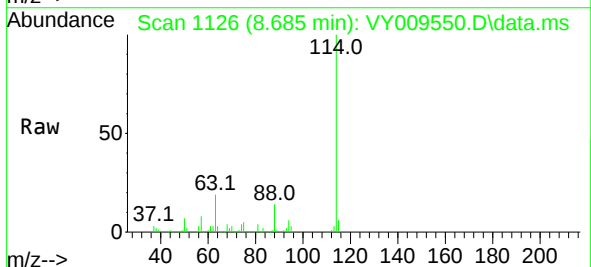
Tgt Ion:114 Resp: 242474

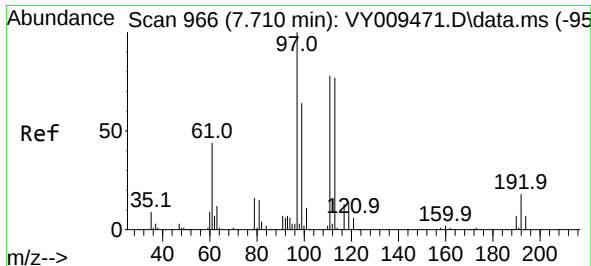
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

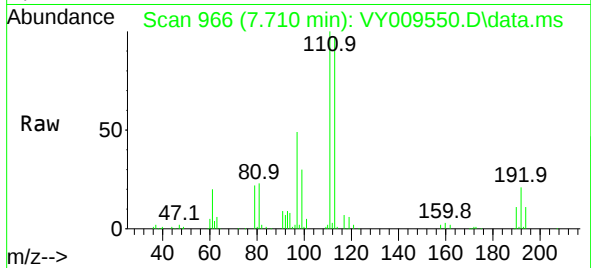
88 14.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.971 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

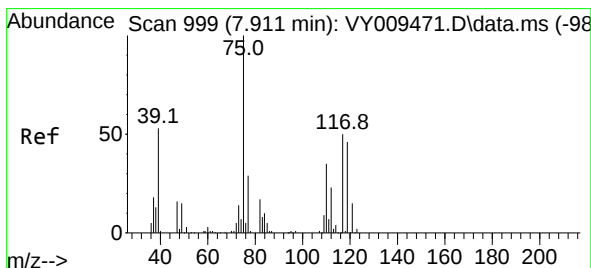
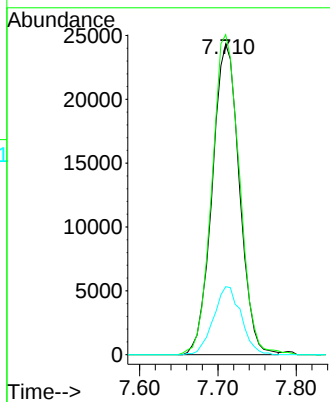
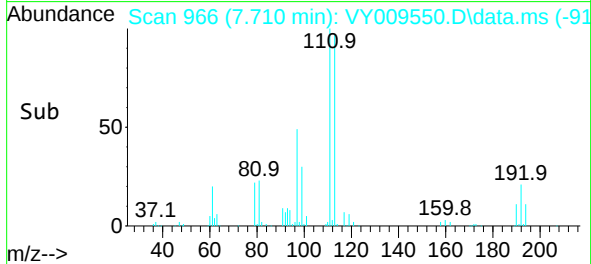
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 113 Resp: 5865
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 22.2 17.6 26.4

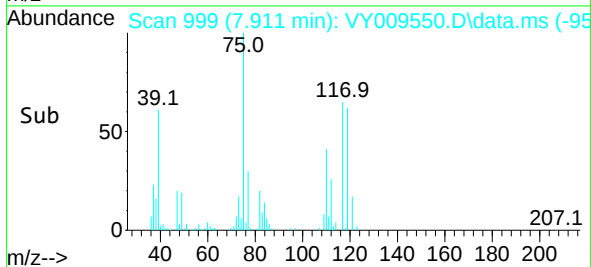
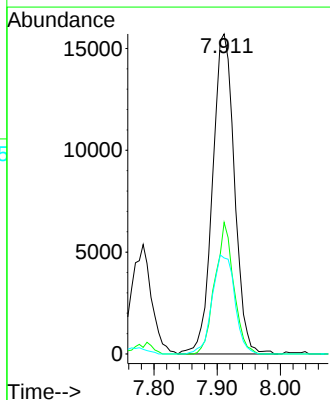
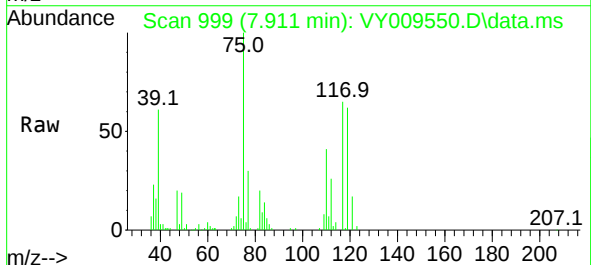
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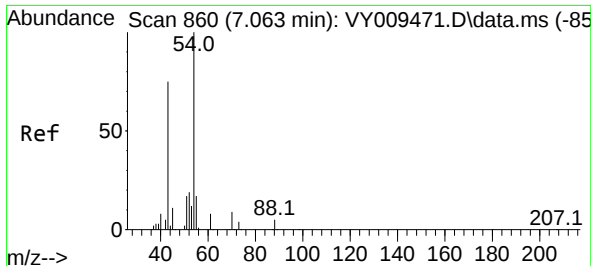
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#36
1,1-Dichloropropene
Concen: 18.180 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 75 Resp: 37761
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 19.038 ug/l

RT: 7.064 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY009550.D

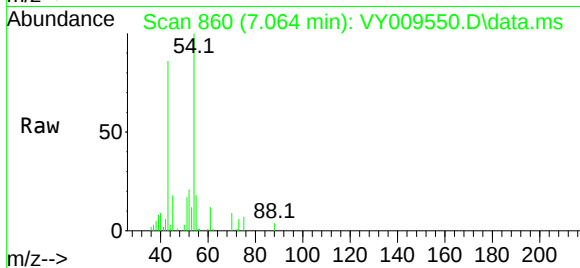
Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

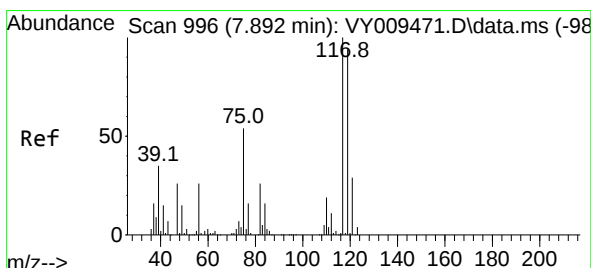
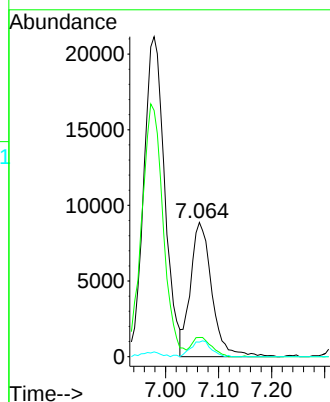
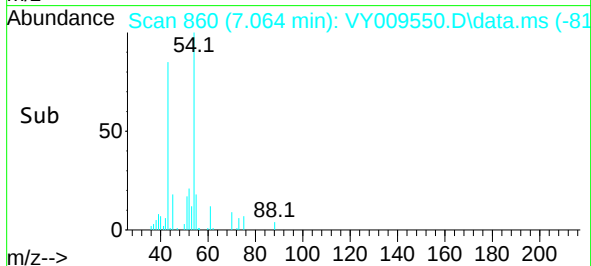


Tgt Ion:	43	Resp:	2478
Ion Ratio	Lower	Upper	
43	100		
61	13.2	9.7	14.5
70	11.2	7.1	10.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#38

Carbon Tetrachloride

Concen: 19.905 ug/l

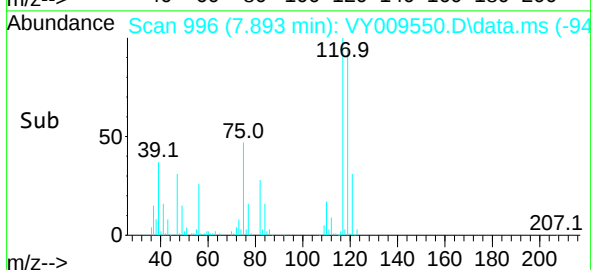
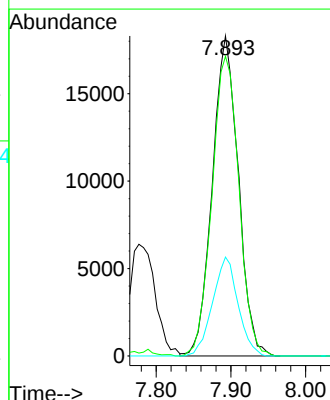
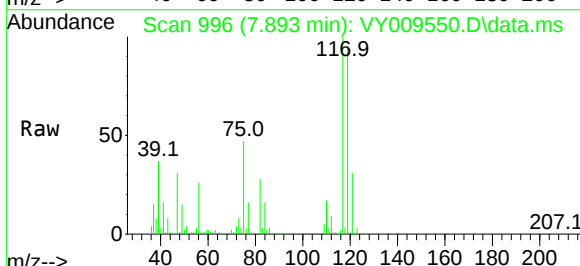
RT: 7.893 min Scan# 996

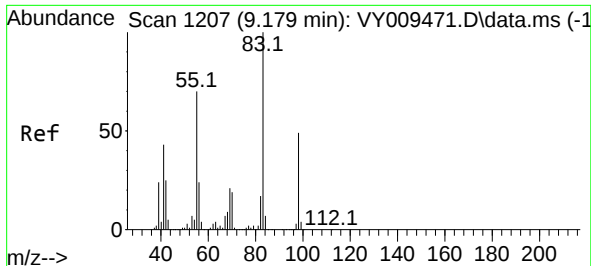
Delta R.T. 0.001 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Tgt Ion:	117	Resp:	44218
Ion Ratio	Lower	Upper	
117	100		
119	93.7	77.9	116.9
121	30.9	24.8	37.2





#39

Methylcyclohexane

Concen: 17.249 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

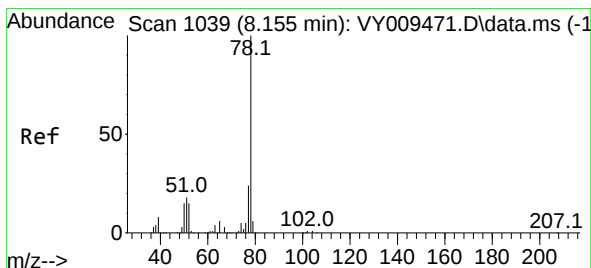
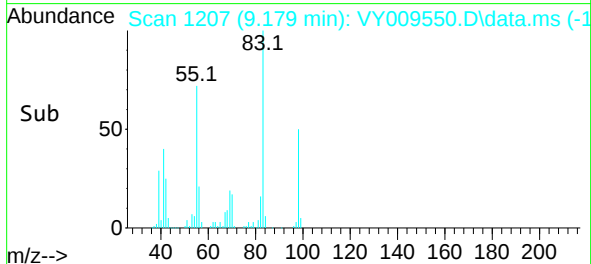
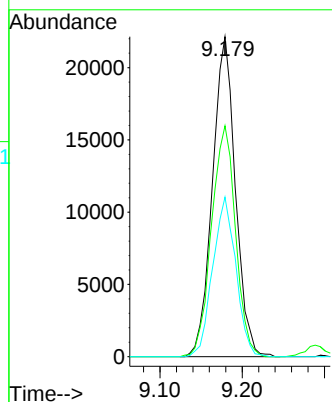
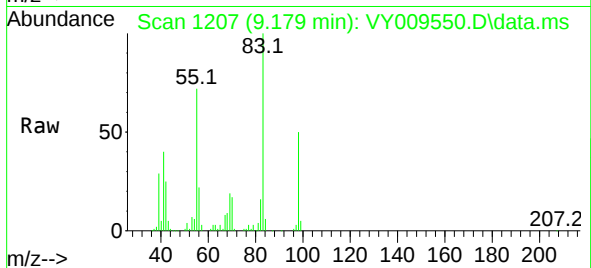
Tgt Ion: 83	Resp: 43000
Ion Ratio	Lower Upper
83 100	
55 72.2	66.5 99.7
98 49.8	37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#40

Benzene

Concen: 18.392 ug/l

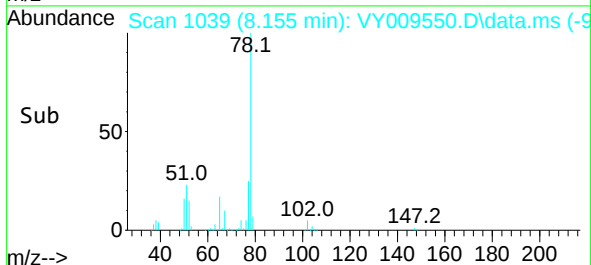
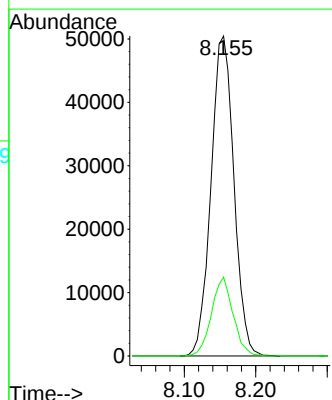
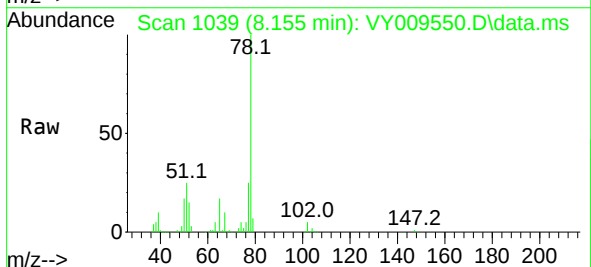
RT: 8.155 min Scan# 1039

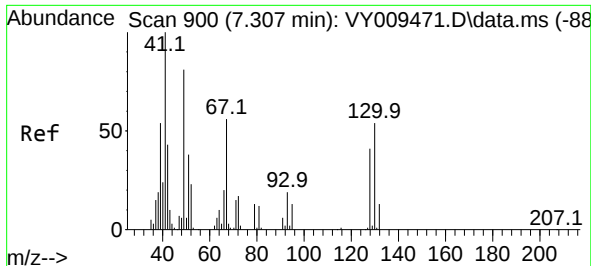
Delta R.T. -0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

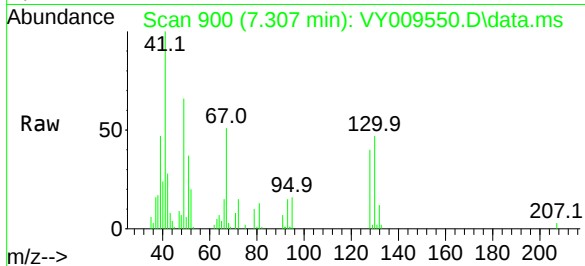
Tgt Ion: 78	Resp: 112178
Ion Ratio	Lower Upper
78 100	
77 24.7	20.4 30.6





#41
Methacrylonitrile
Concen: 20.254 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

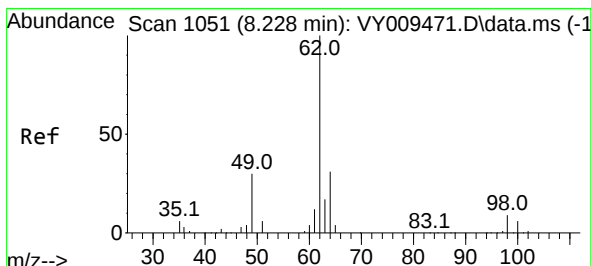
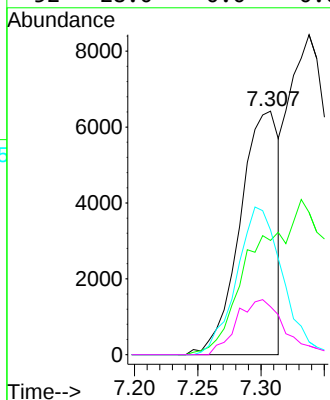
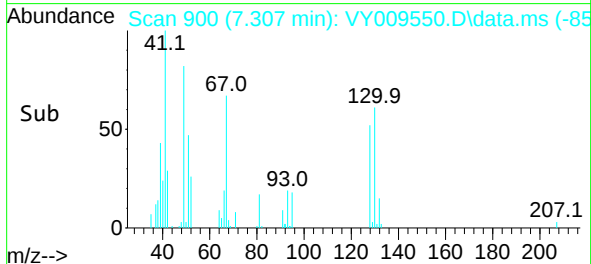
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



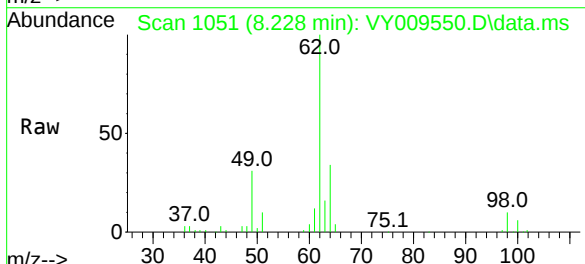
Tgt Ion: 41 Resp: 1369
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 71.5 0.0 0.0
52 28.0 0.0 0.0

Manual Integrations
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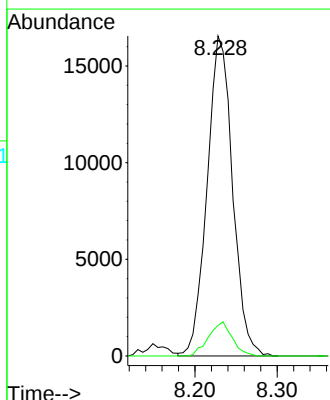
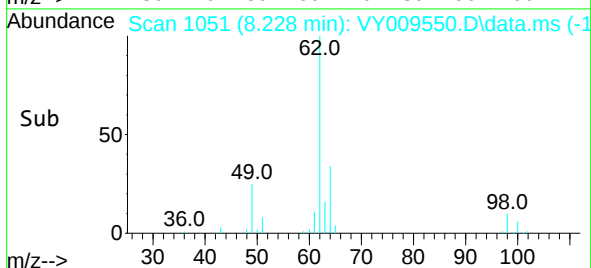
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

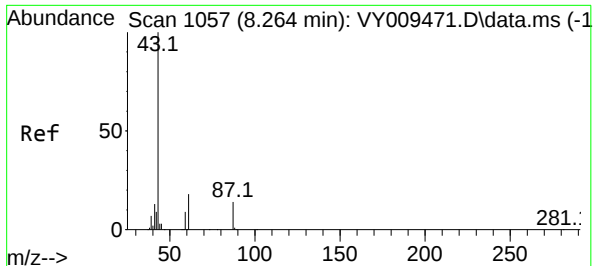


#42
1,2-Dichloroethane
Concen: 19.455 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



Tgt Ion: 62 Resp: 35625
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.282 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

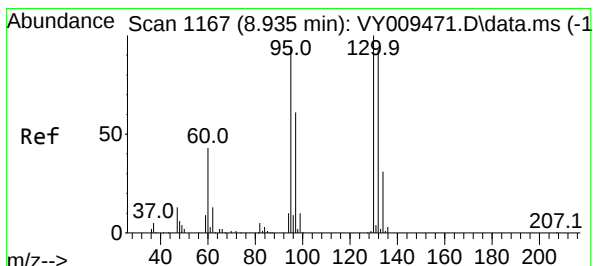
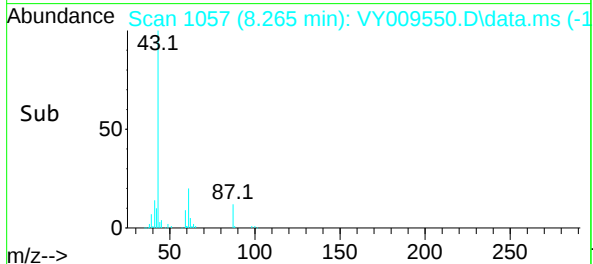
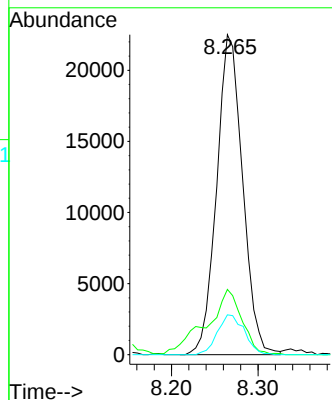
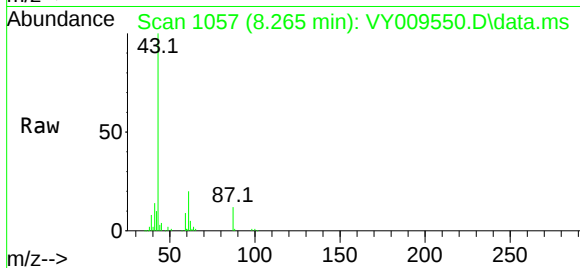
Tgt Ion: 43	Resp: 4684
Ion Ratio	Lower Upper
43	100
61	28.0 20.2 30.2
87	12.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#44

Trichloroethene

Concen: 18.126 ug/l

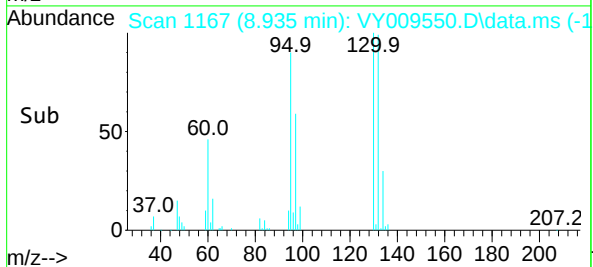
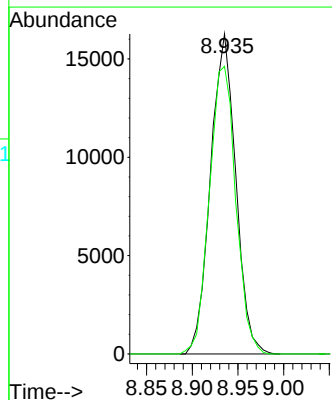
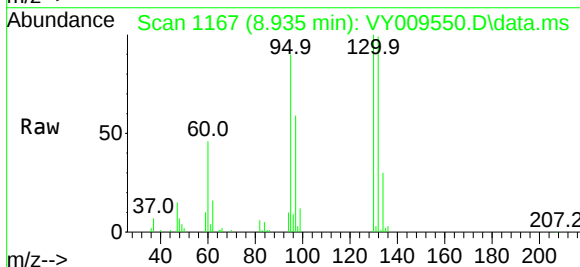
RT: 8.935 min Scan# 1167

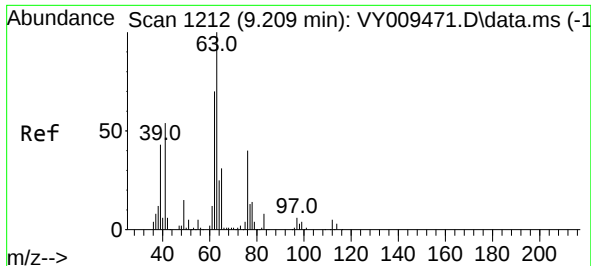
Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Tgt Ion:130	Resp: 31232
Ion Ratio	Lower Upper
130	100
95	89.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.263 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 63 Resp: 29734

Ion Ratio Lower Upper

63 100

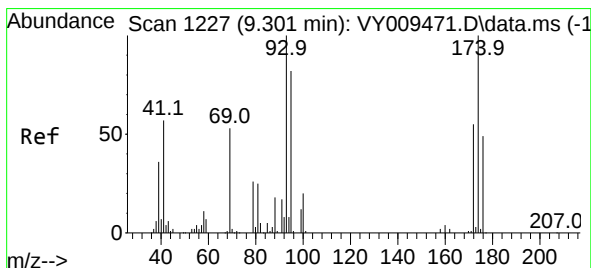
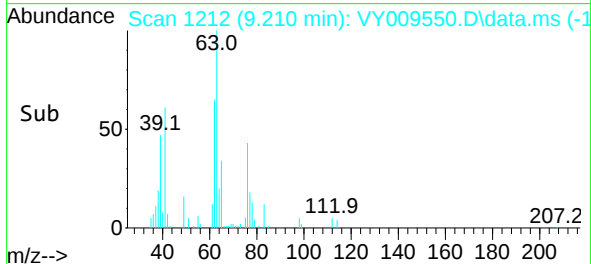
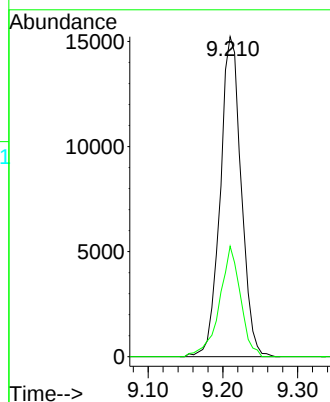
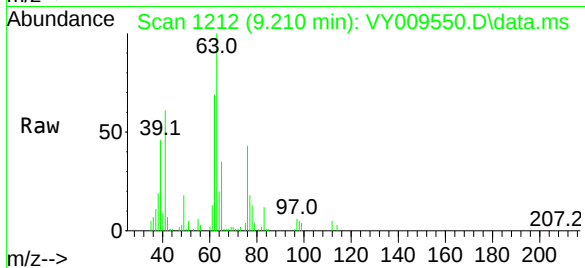
65 34.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#46

Dibromomethane

Concen: 19.637 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

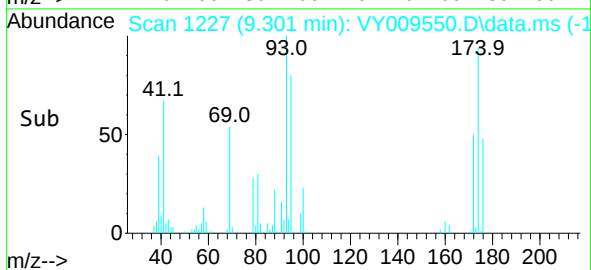
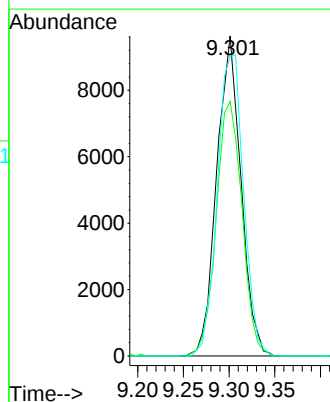
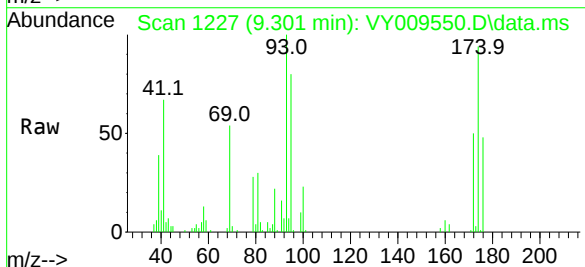
Tgt Ion: 93 Resp: 17790

Ion Ratio Lower Upper

93 100

95 84.6 64.3 96.5

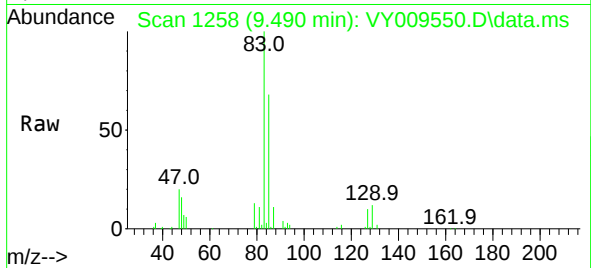
174 101.6 83.4 125.0





#47
Bromodichloromethane
Concen: 19.817 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

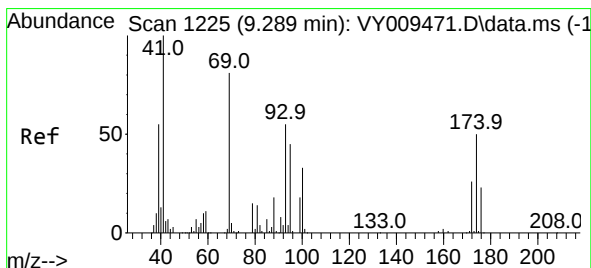
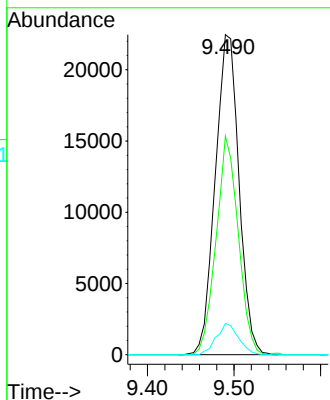
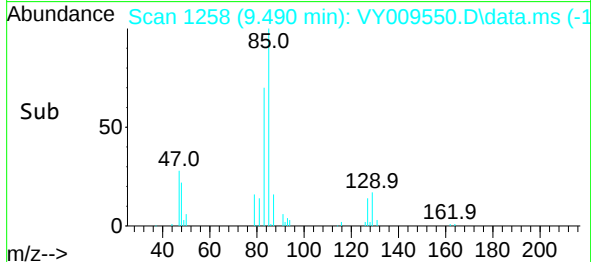
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



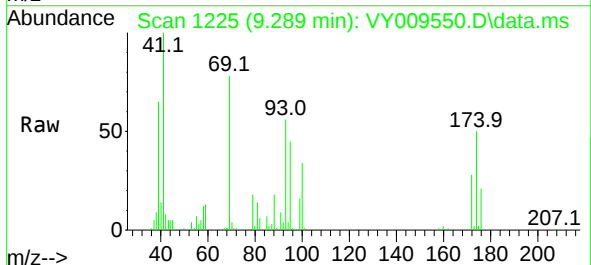
Tgt Ion: 83 Resp: 42732
Ion Ratio Lower Upper
83 100
85 68.3 51.9 77.9
127 9.8 6.6 10.0

Manual Integrations
APPROVED

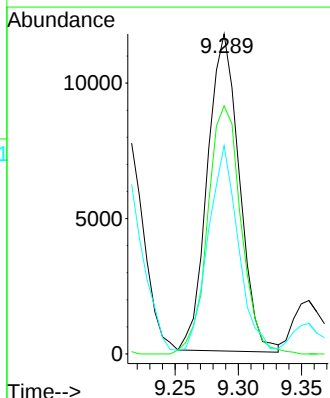
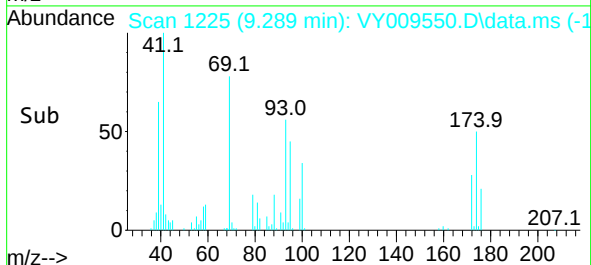
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

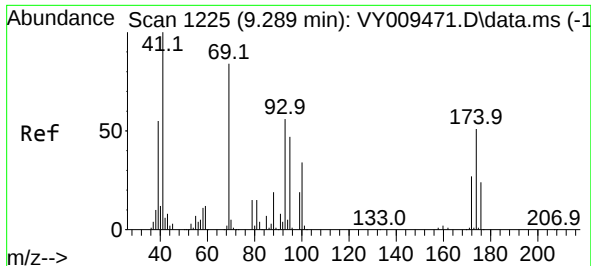


#48
Methyl methacrylate
Concen: 19.650 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



Tgt Ion: 41 Resp: 20567
Ion Ratio Lower Upper
41 100
69 81.9 58.2 87.2
39 62.8 47.4 71.0





#49

1,4-Dioxane

Concen: 382.037 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009550.D

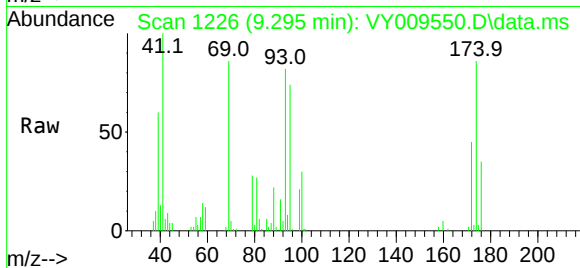
Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01



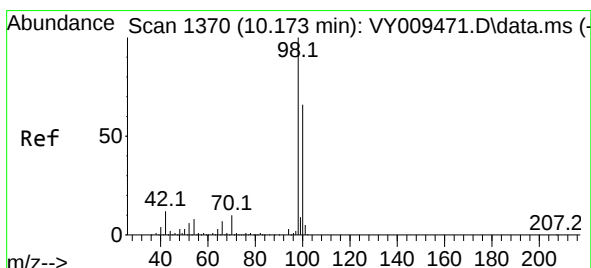
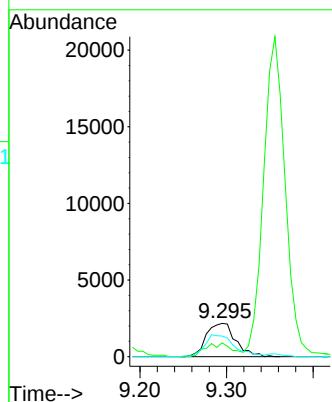
Tgt Ion:	88	Resp:	509
Ion Ratio	Lower	Upper	
88	100		
43	38.2	32.8	49.2
58	66.2	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#50

Toluene-d8

Concen: 49.115 ug/l

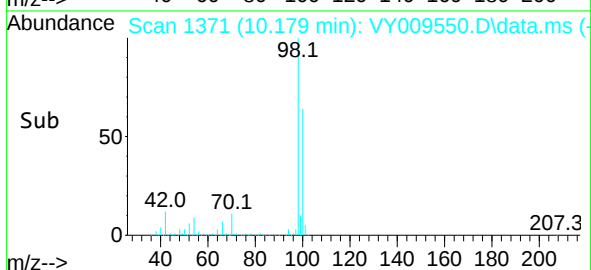
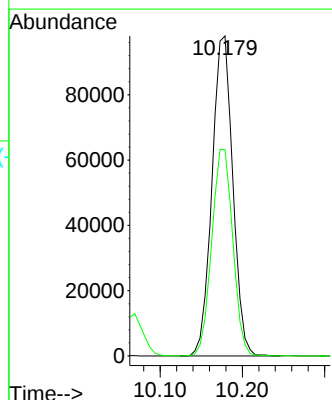
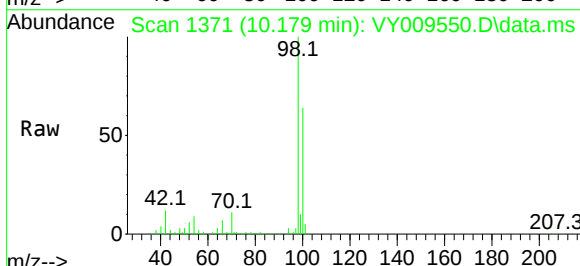
RT: 10.179 min Scan# 1371

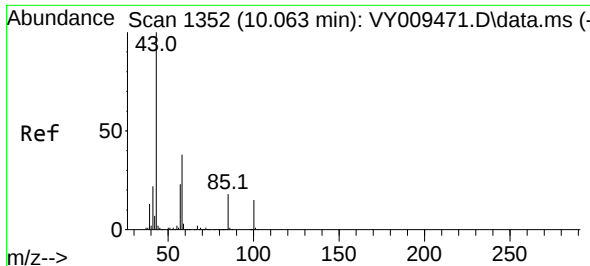
Delta R.T. 0.006 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

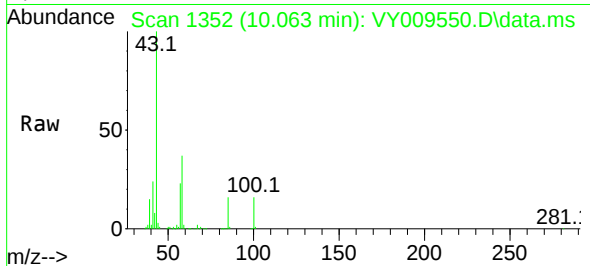
Tgt Ion:	98	Resp:	172308
Ion Ratio	Lower	Upper	
98	100		
100	65.4	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 100.692 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

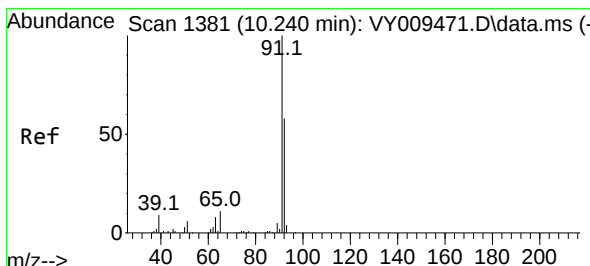
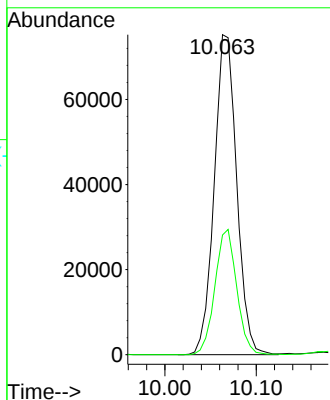
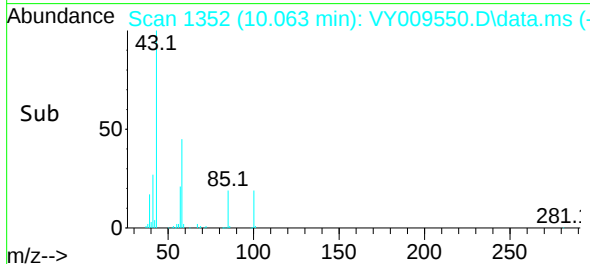
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 43 Resp: 128640
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1

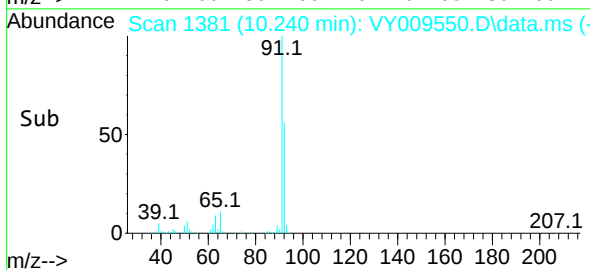
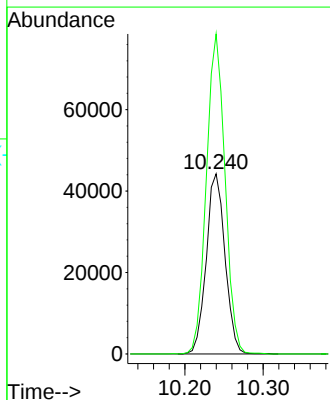
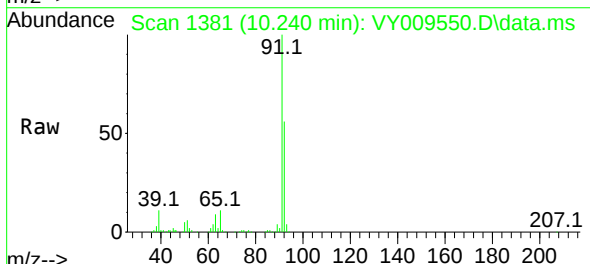
Manual Integrations
APPROVED

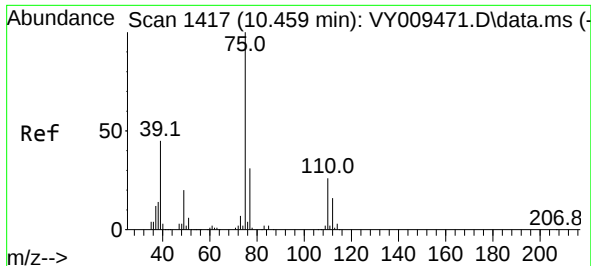
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#52
Toluene
Concen: 18.921 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

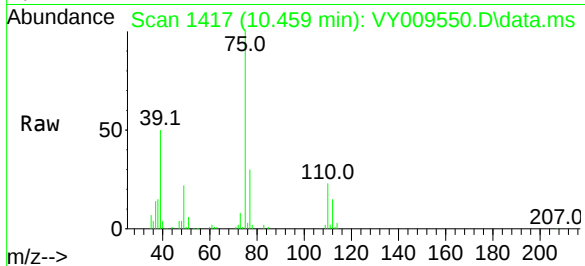
Tgt Ion: 92 Resp: 73540
Ion Ratio Lower Upper
92 100
91 176.5 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 19.071 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

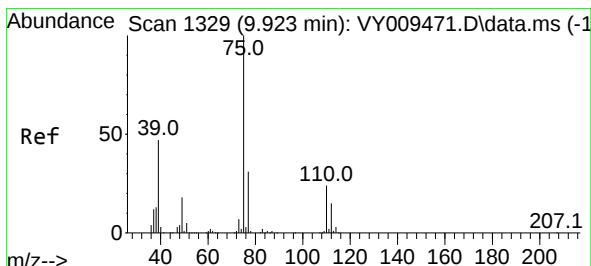
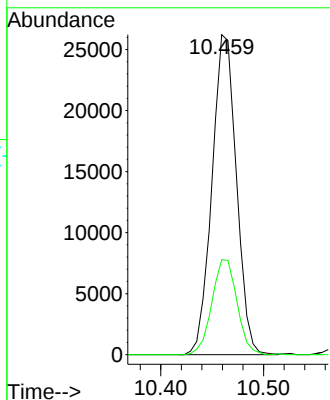
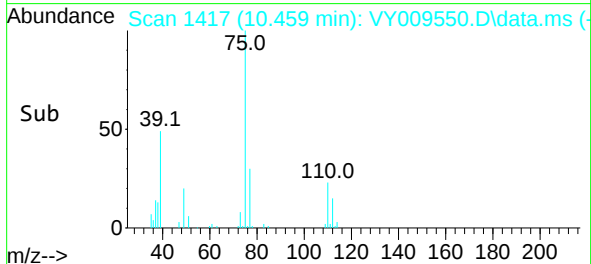
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 75 Resp: 43330
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2

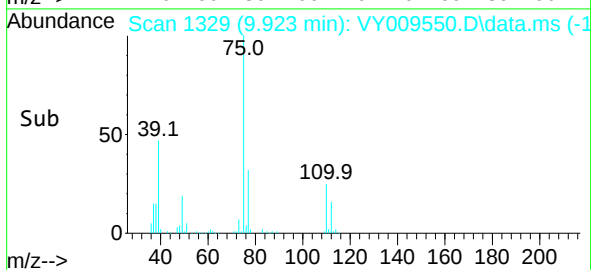
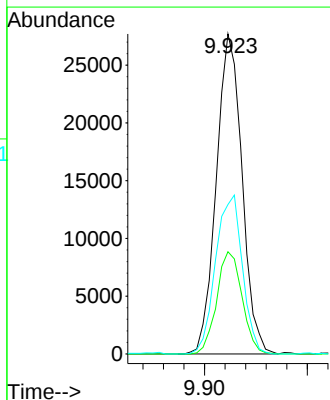
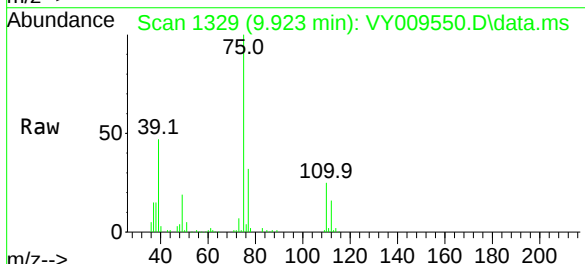
Manual Integrations
APPROVED

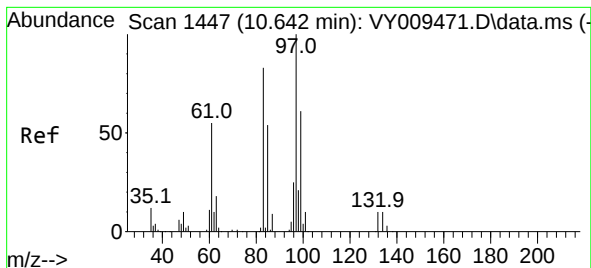
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#54
cis-1,3-Dichloropropene
Concen: 18.975 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 75 Resp: 48079
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 46.7 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 19.631 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

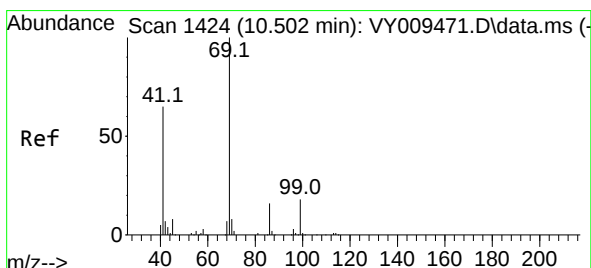
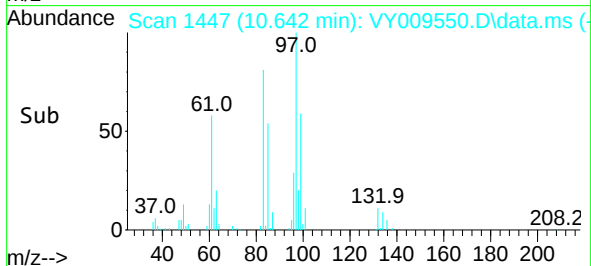
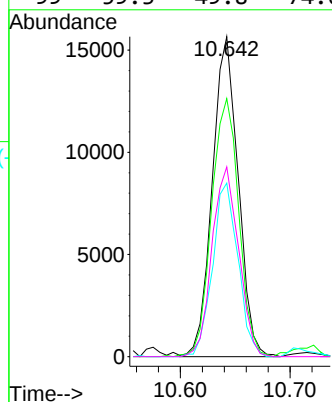
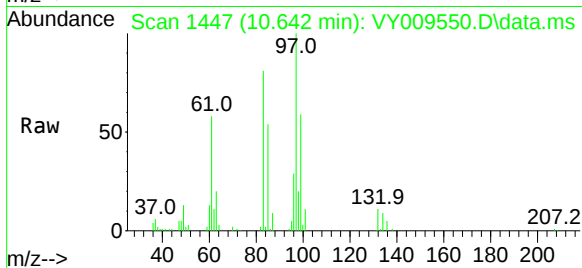
Tgt Ion: 97	Resp: 2565
Ion Ratio	Lower Upper
97 100	
83 80.1	69.8 104.8
85 54.2	44.3 66.5
99 59.3	49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#56

Ethyl methacrylate

Concen: 19.407 ug/l

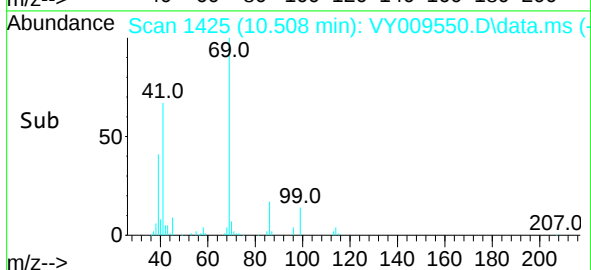
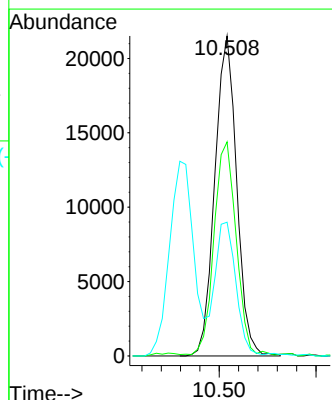
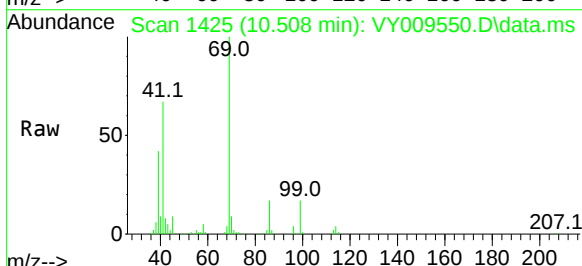
RT: 10.508 min Scan# 1425

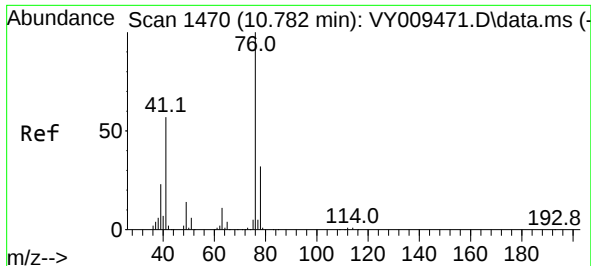
Delta R.T. 0.006 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Tgt Ion: 69	Resp: 33675
Ion Ratio	Lower Upper
69 100	
41 67.2	63.4 95.0
39 40.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.498 ug/l

RT: 10.789 min Scan# 1470

Delta R.T. 0.007 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 76 Resp: 42009

Ion Ratio Lower Upper

76 100

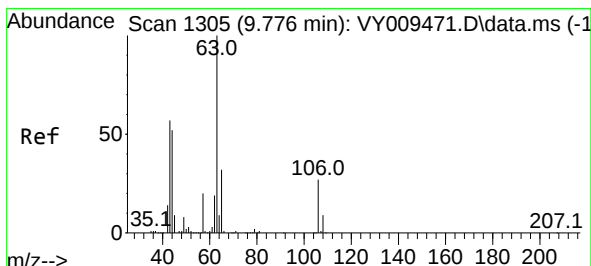
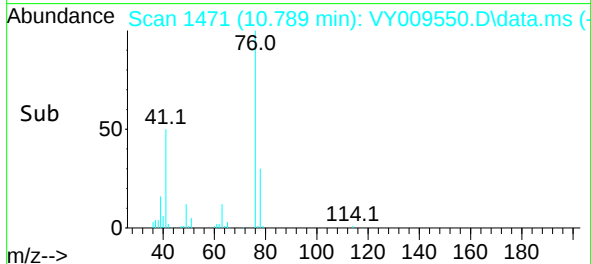
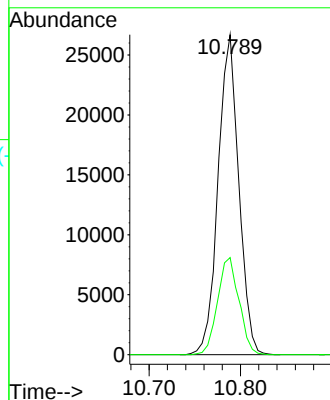
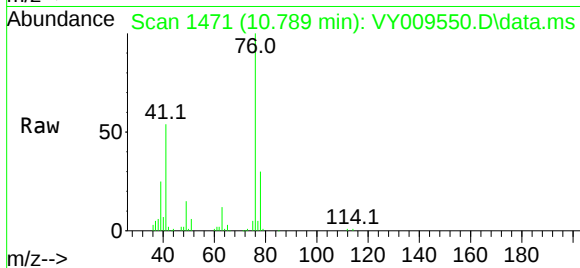
78 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.186 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY009550.D

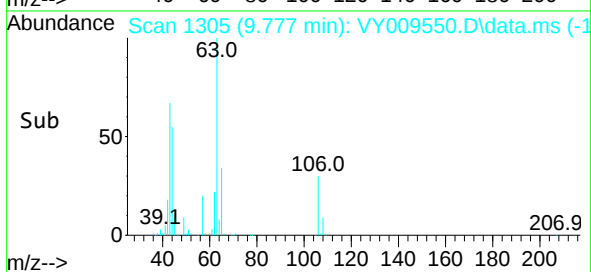
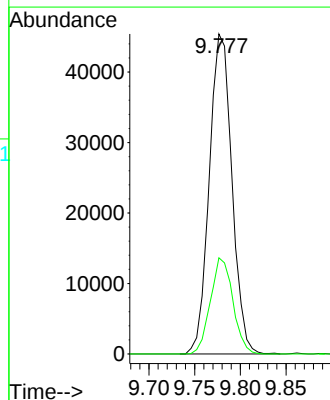
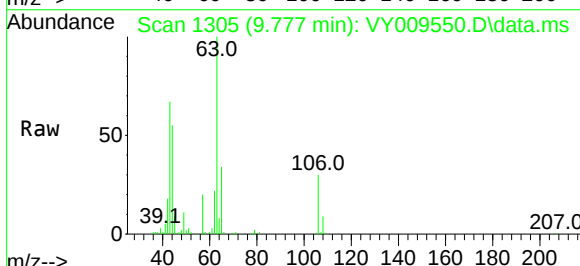
Acq: 13 Jul 2022 10:48

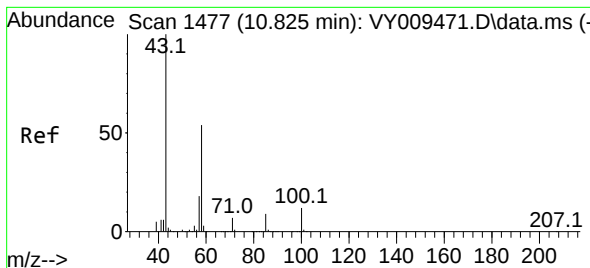
Tgt Ion: 63 Resp: 78141

Ion Ratio Lower Upper

63 100

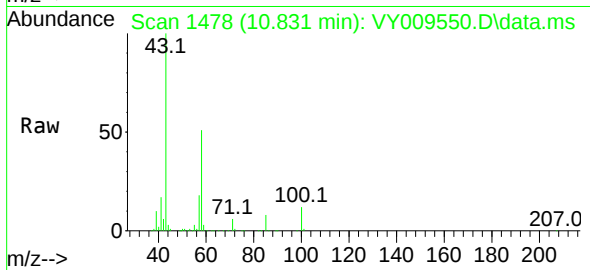
106 29.8 21.5 32.3





#59
2-Hexanone
Concen: 103.335 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

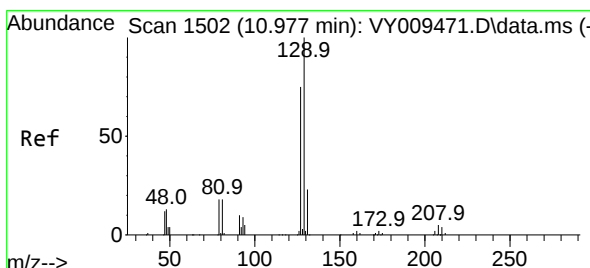
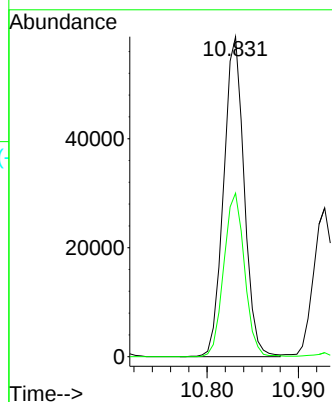
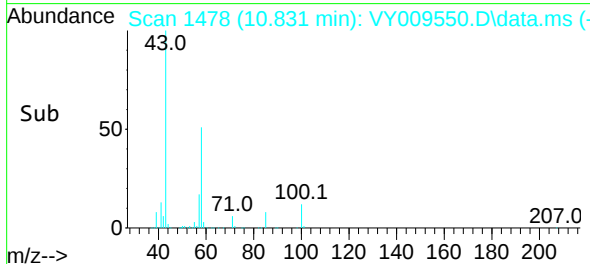
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 43 Resp: 91479
Ion Ratio Lower Upper
43 100
58 51.7 24.4 73.4

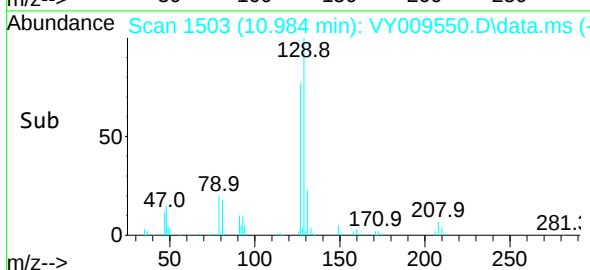
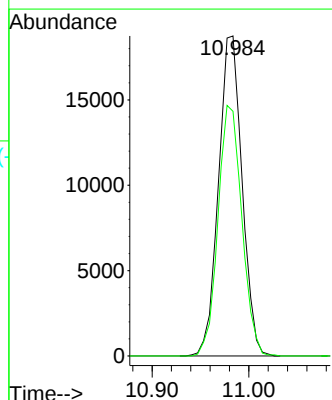
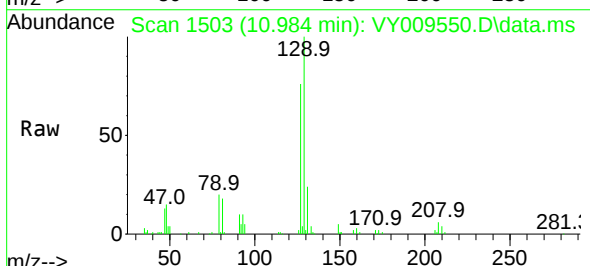
Manual Integrations
APPROVED

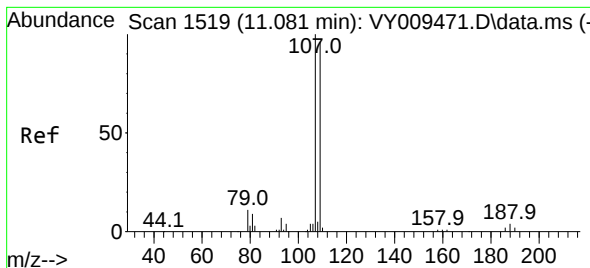
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#60
Dibromochloromethane
Concen: 19.989 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion:129 Resp: 31636
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1





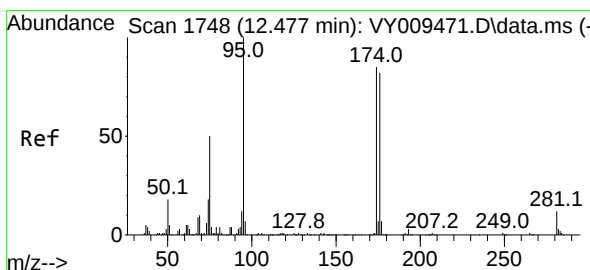
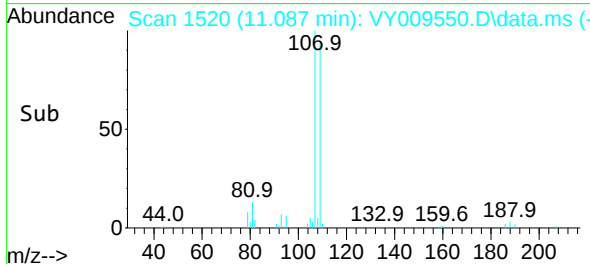
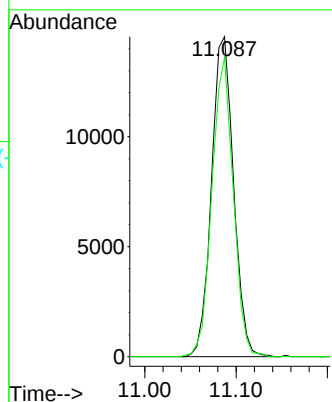
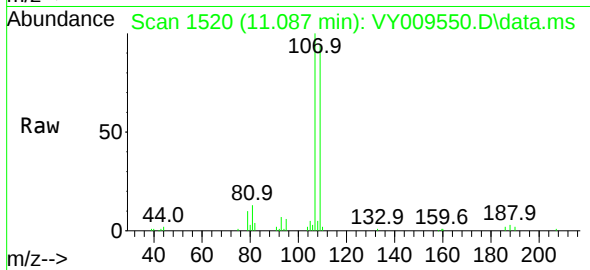
#61
1,2-Dibromoethane
Concen: 19.518 ug/l
RT: 11.087 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:107 Resp: 2445
Ion Ratio Lower Upper
107 100
109 90.4 75.4 113.2

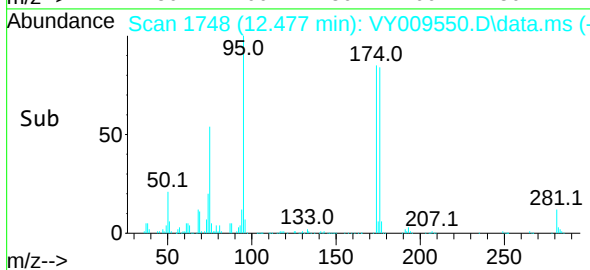
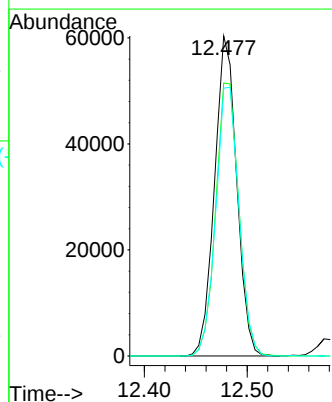
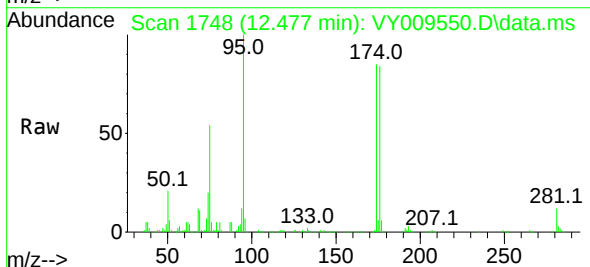
Manual Integrations
APPROVED

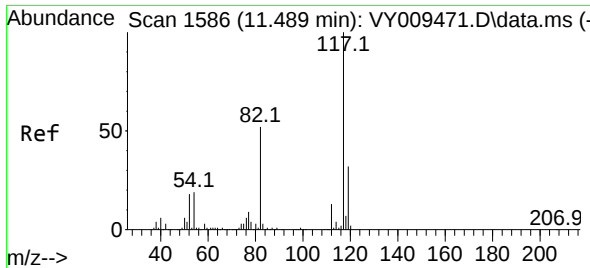
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#62
4-Bromofluorobenzene
Concen: 50.029 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

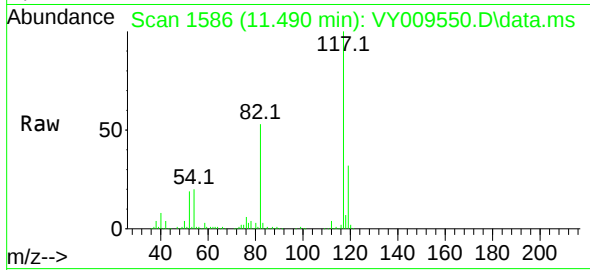
Tgt Ion: 95 Resp: 90099
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 87.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.001 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

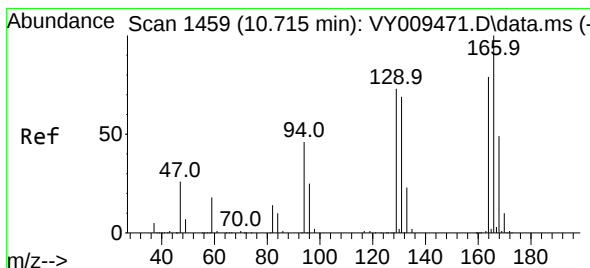
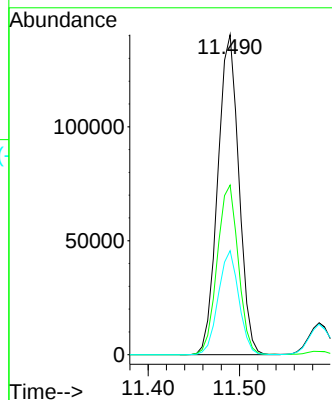
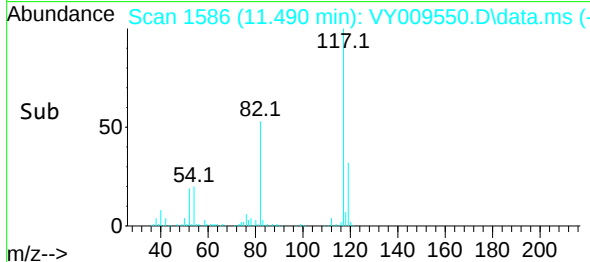
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion:117 Resp: 225292
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.5 25.4 38.0

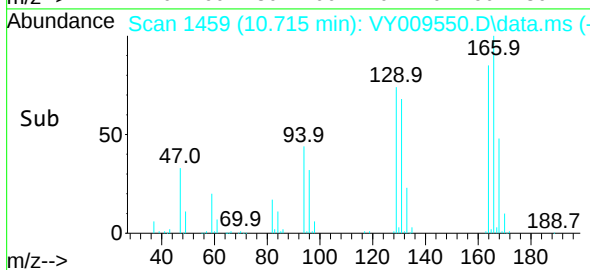
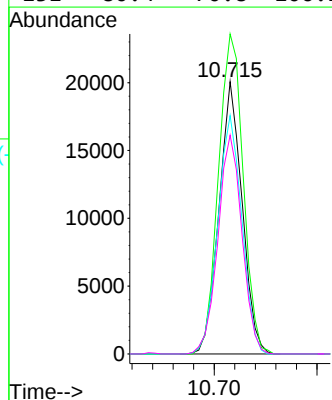
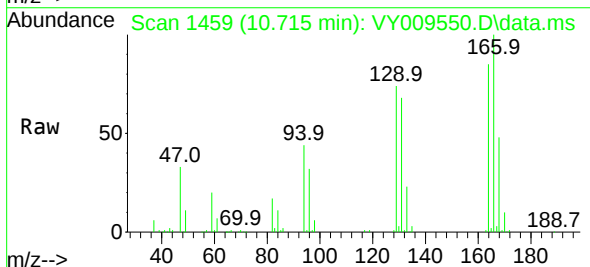
Manual Integrations
APPROVED

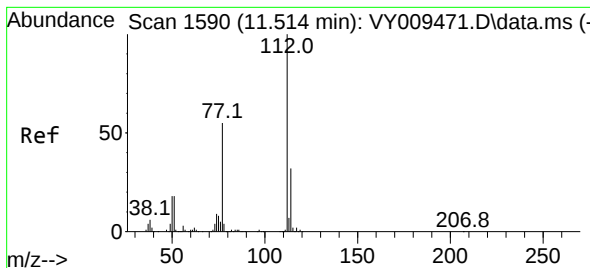
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#64
Tetrachloroethene
Concen: 16.642 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion:164 Resp: 31347
Ion Ratio Lower Upper
164 100
166 117.5 100.4 150.6
129 87.6 71.4 107.0
131 80.4 70.8 106.2





#65

Chlorobenzene

Concen: 19.360 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion:112 Resp: 8566

Ion Ratio Lower Upper

112 100

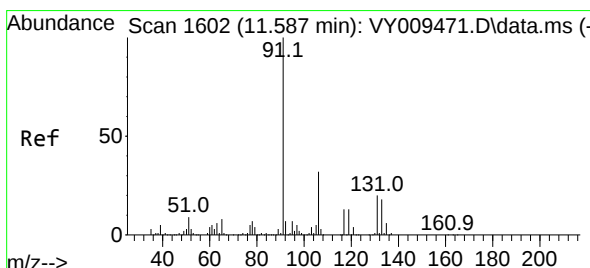
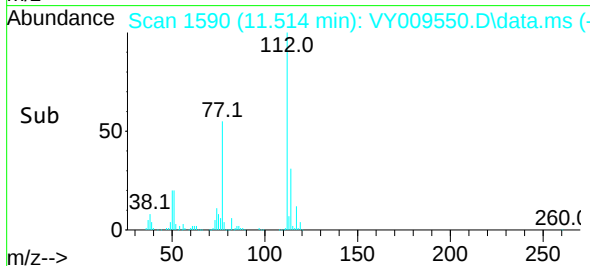
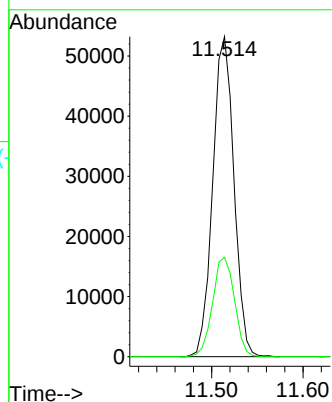
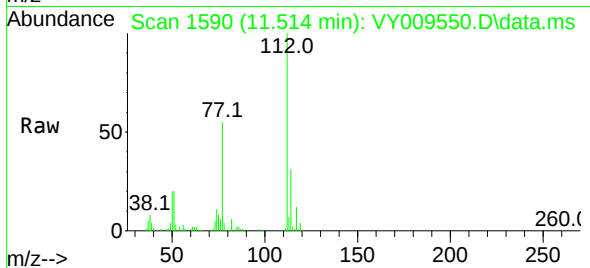
114 31.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 19.797 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

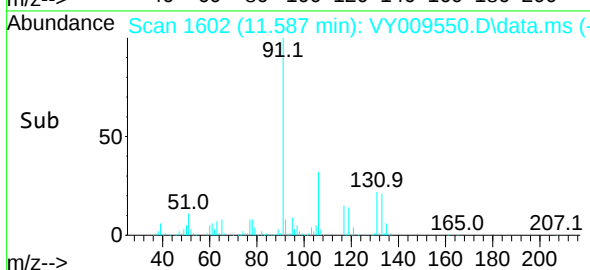
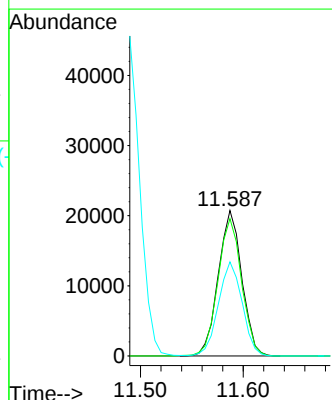
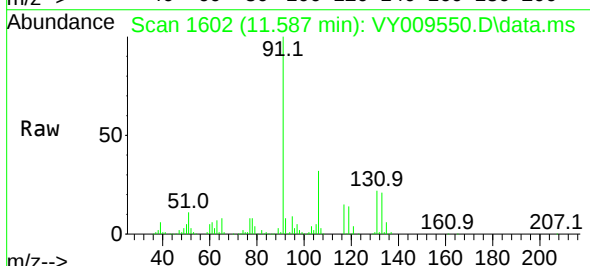
Tgt Ion:131 Resp: 32950

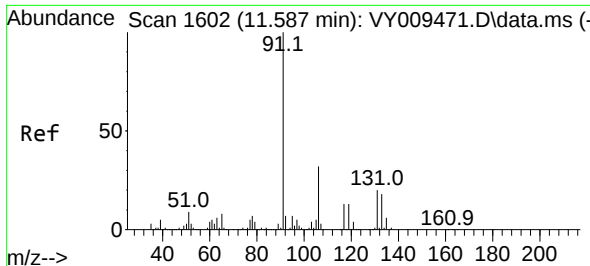
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

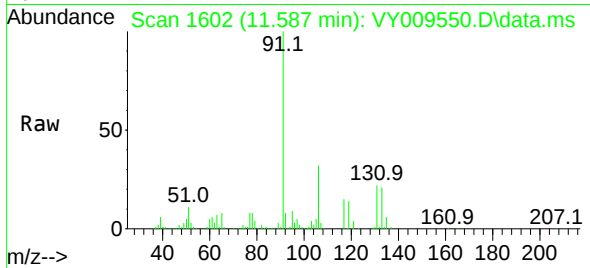
119 65.2 30.8 92.3





#67
Ethyl Benzene
Concen: 19.300 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

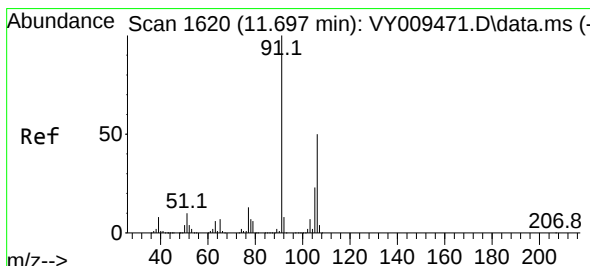
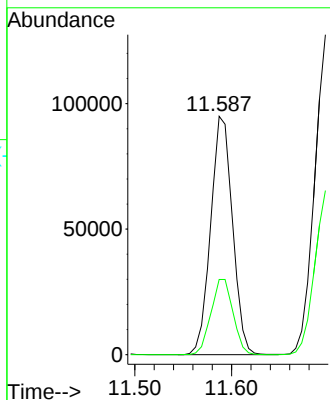
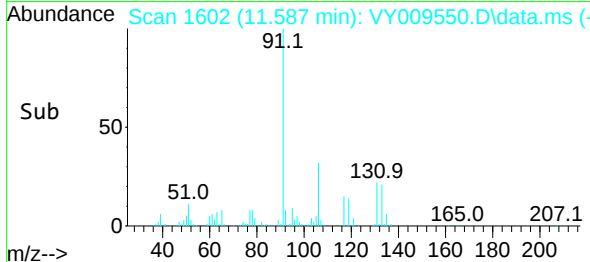
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



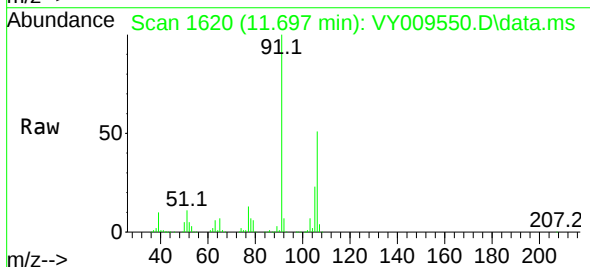
Tgt Ion: 91 Resp: 149082
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

Manual Integrations
APPROVED

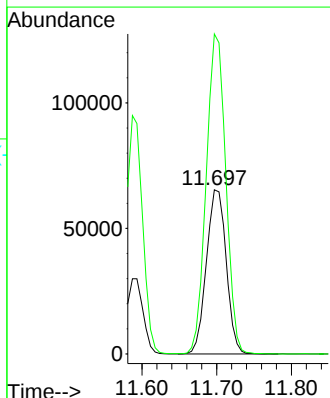
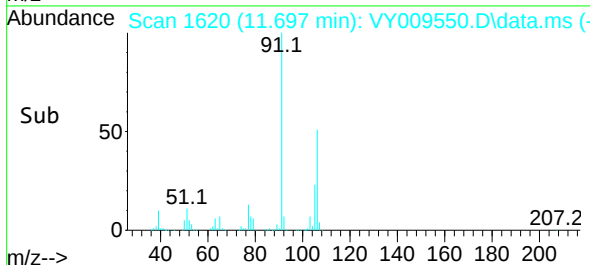
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

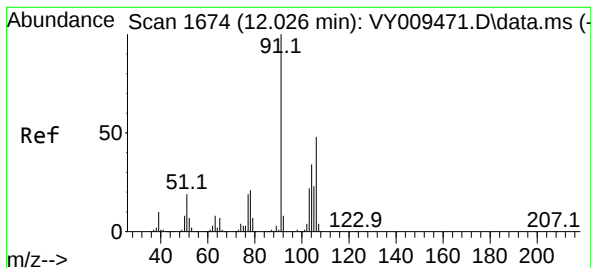


#68
m/p-Xylenes
Concen: 40.044 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



Tgt Ion:106 Resp: 120638
Ion Ratio Lower Upper
106 100
91 192.3 166.6 249.8





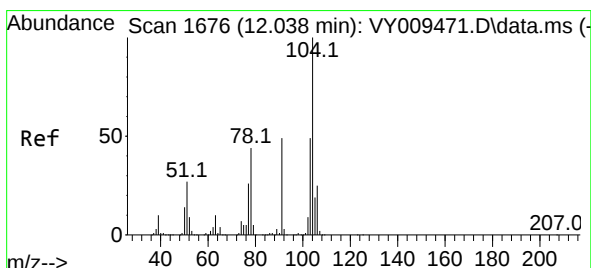
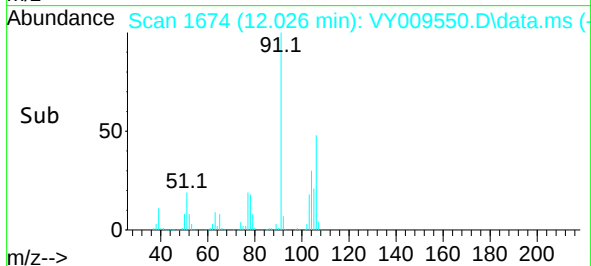
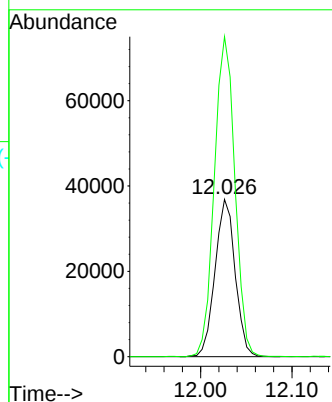
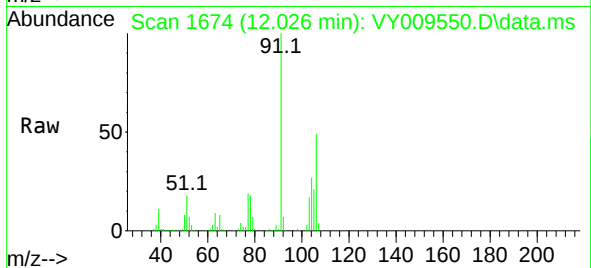
#69
o-Xylene
Concen: 19.516 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:106 Resp: 56350
Ion Ratio Lower Upper
106 100
91 207.9 110.3 331.0

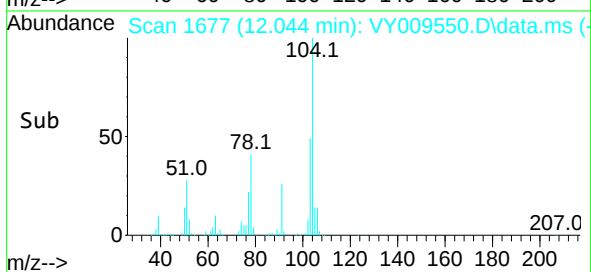
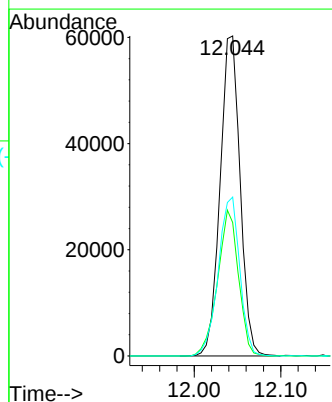
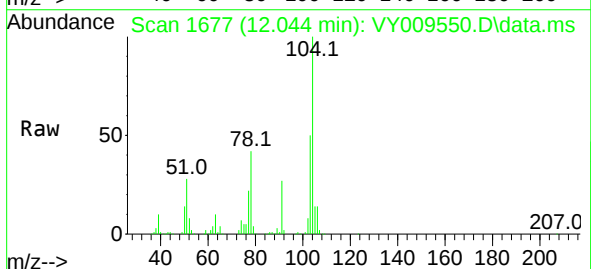
Manual Integrations
APPROVED

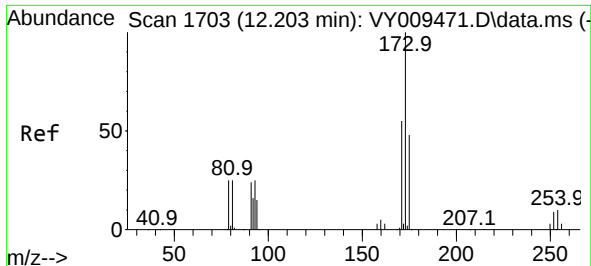
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#70
Styrene
Concen: 20.077 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

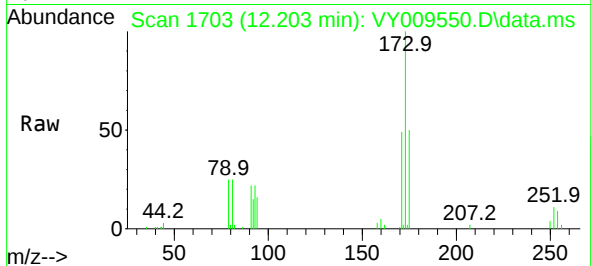
Tgt Ion:104 Resp: 96834
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 53.3 44.4 66.6





#71
Bromoform
Concen: 20.188 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

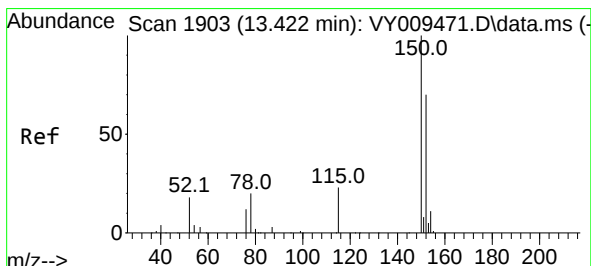
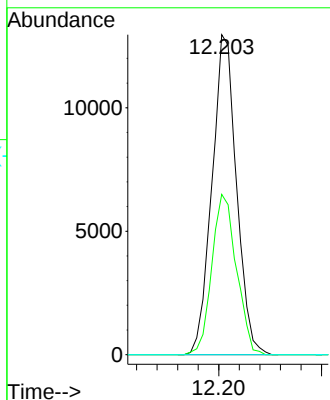
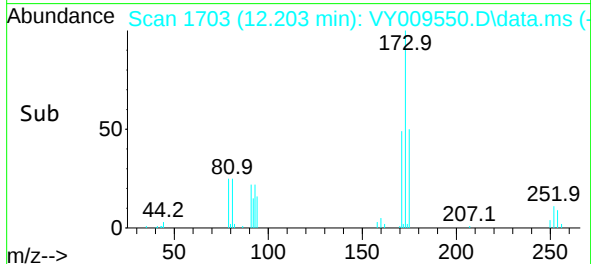
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



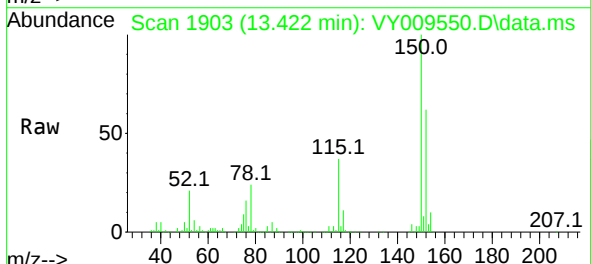
Tgt Ion:173 Resp: 21410
Ion Ratio Lower Upper
173 100
175 50.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

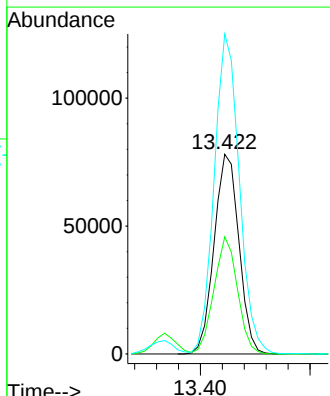
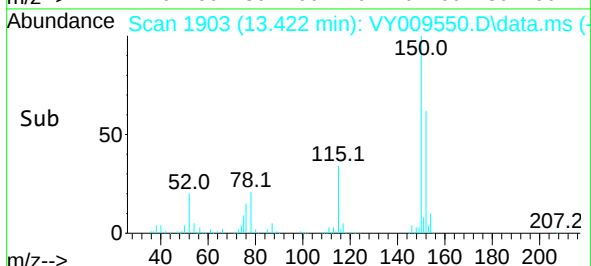
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



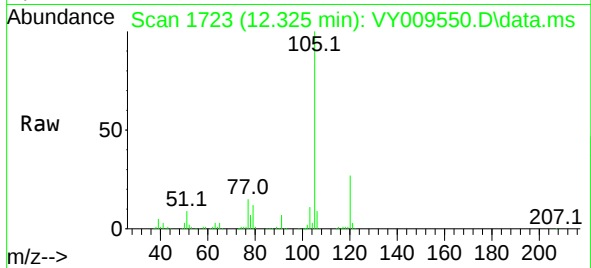
Tgt Ion:152 Resp: 122734
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 162.3 0.0 347.6





#73
Isopropylbenzene
Concen: 18.142 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

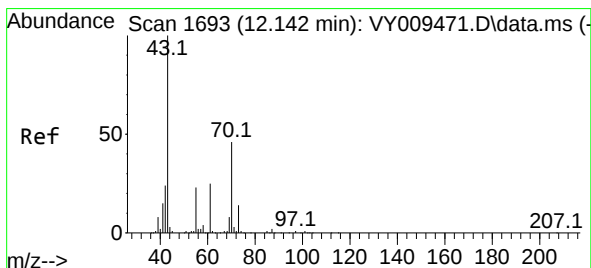
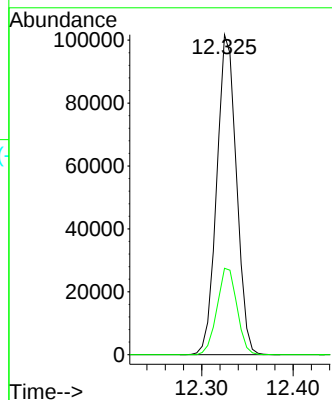
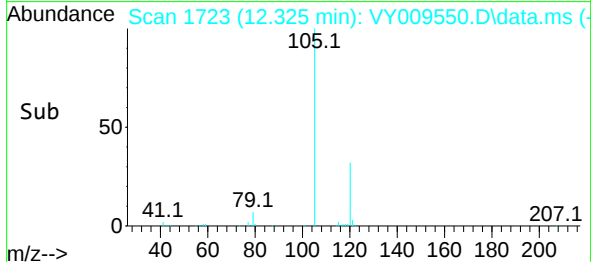
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion:105 Resp: 152278
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

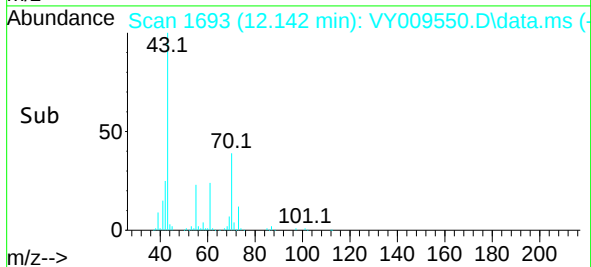
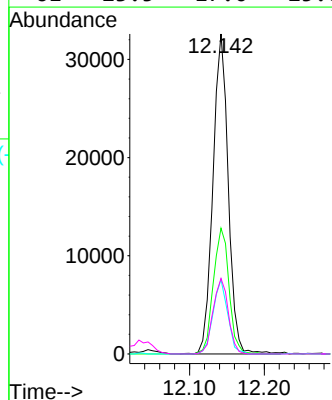
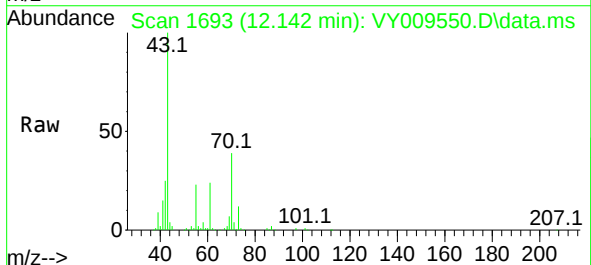
Manual Integrations
APPROVED

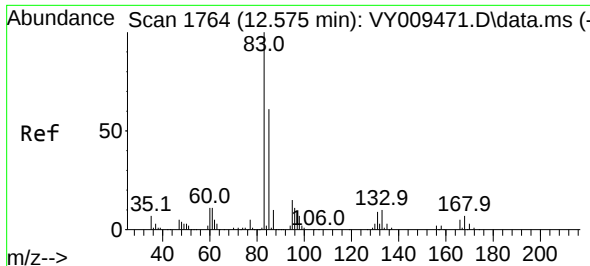
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#74
N-ethyl acetate
Concen: 19.419 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 43 Resp: 46376
Ion Ratio Lower Upper
43 100
70 40.3 28.7 43.1
55 22.2 17.3 25.9
61 23.5 17.0 25.6





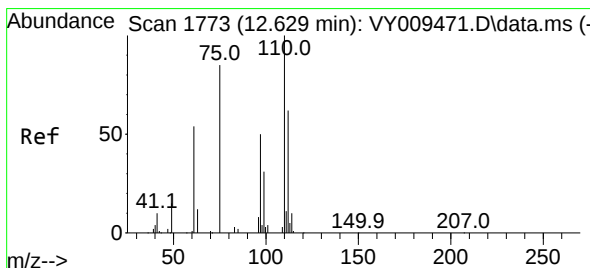
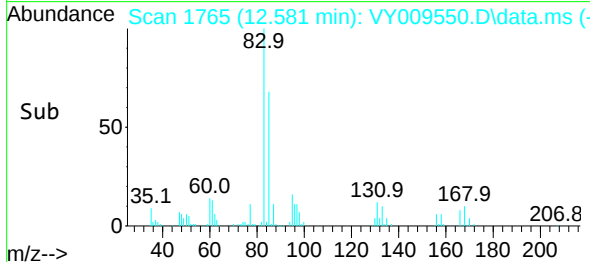
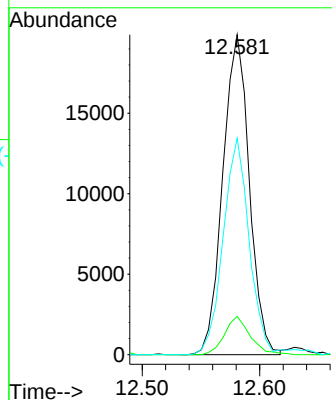
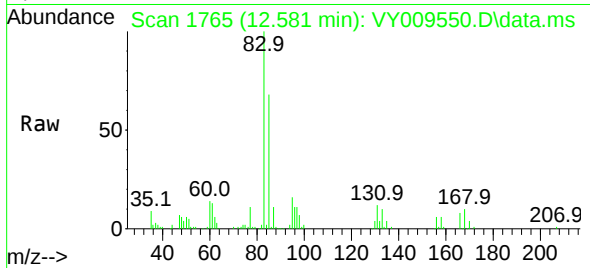
#75
1,1,2,2-Tetrachloroethane
Concen: 18.546 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 83 Resp: 31169
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 66.7 32.3 96.8

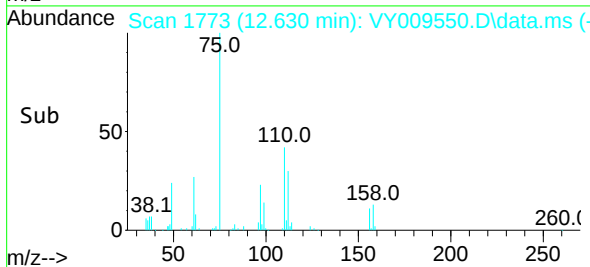
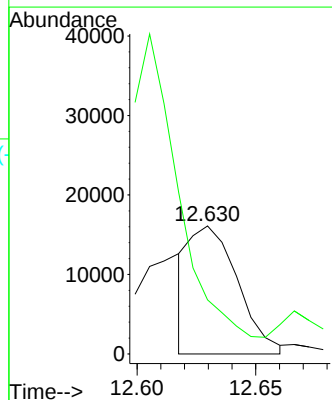
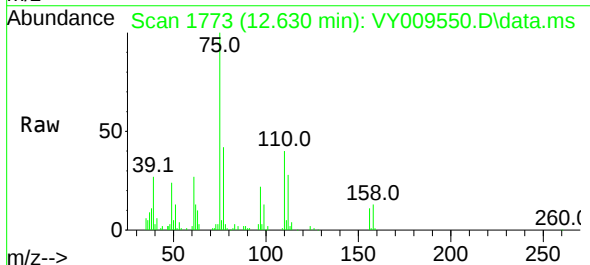
Manual Integrations
APPROVED

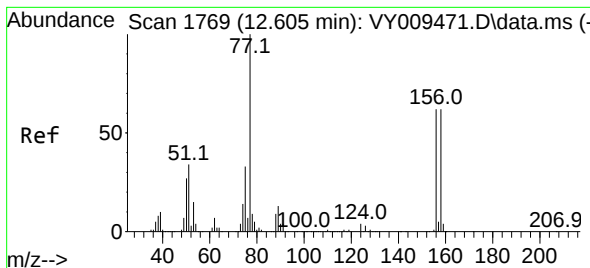
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#76
1,2,3-Trichloropropane
Concen: 17.610 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 75 Resp: 22880
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.406 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

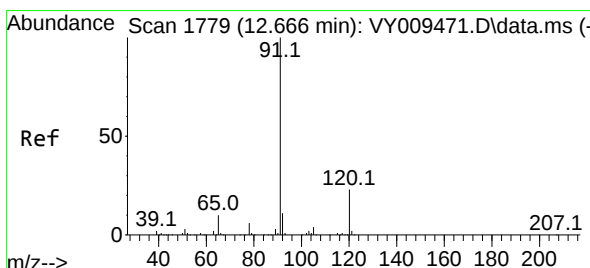
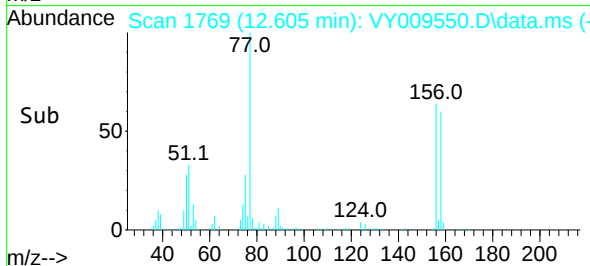
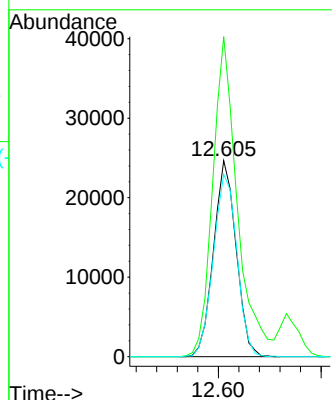
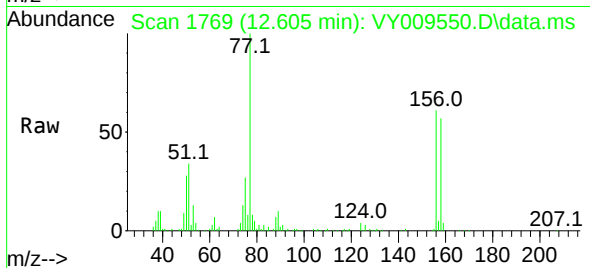
Tgt Ion:	156	Resp:	3761
Ion Ratio	Lower	Upper	
156	100		
77	178.5	95.5	286.4
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#78

n-propylbenzene

Concen: 18.844 ug/l

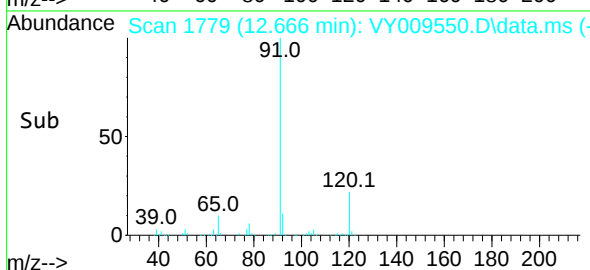
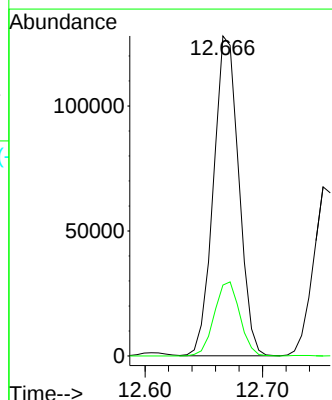
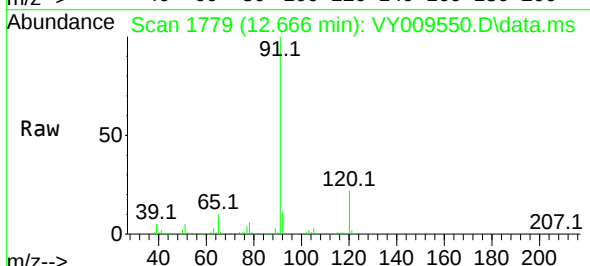
RT: 12.666 min Scan# 1779

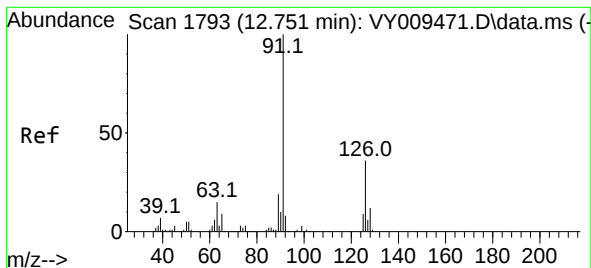
Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Tgt Ion:	91	Resp:	191093
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.3	33.9





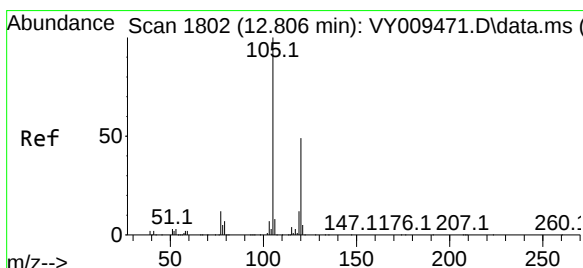
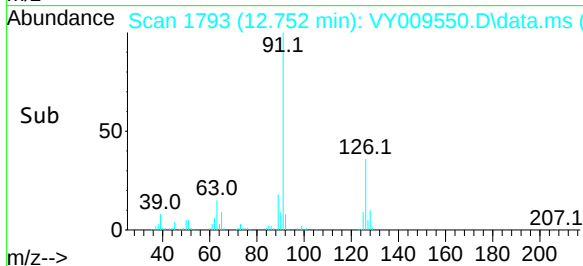
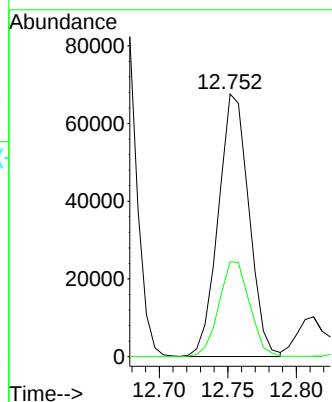
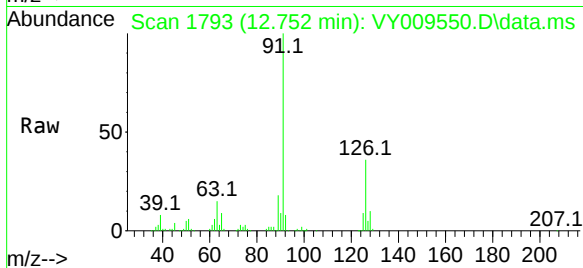
#79
2-Chlorotoluene
Concen: 18.538 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 91 Resp: 10524
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6

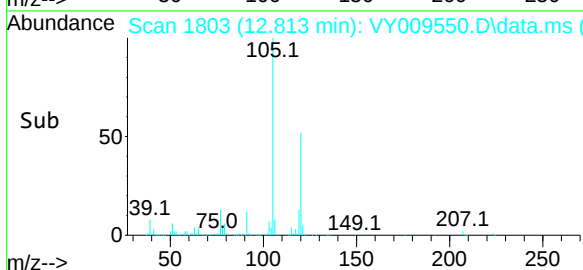
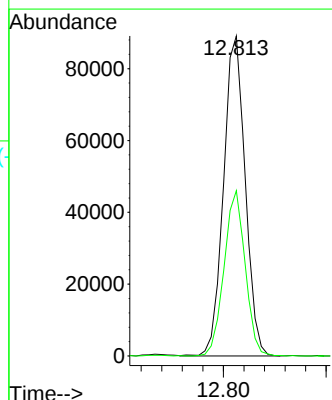
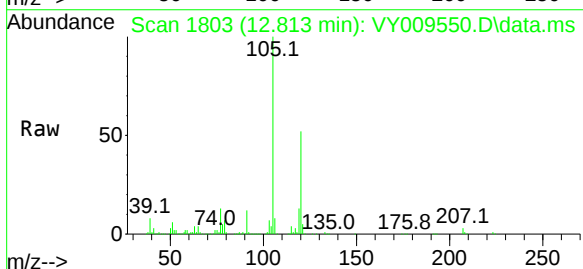
Manual Integrations
APPROVED

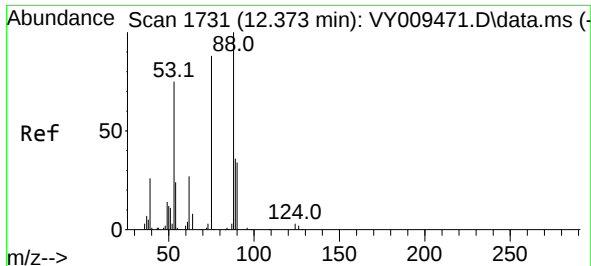
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.568 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.007 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

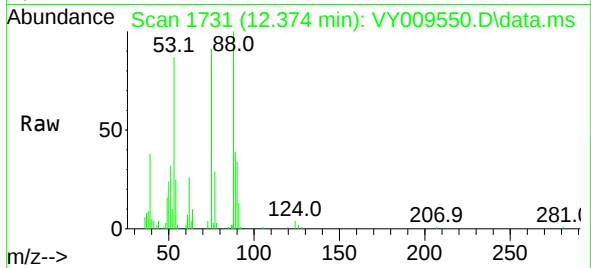
Tgt Ion:105 Resp: 130275
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.038 ug/l
RT: 12.374 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

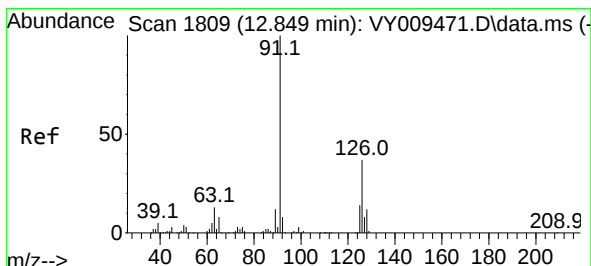
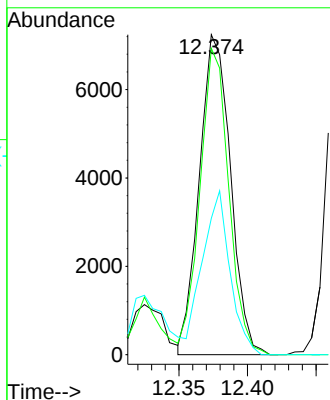
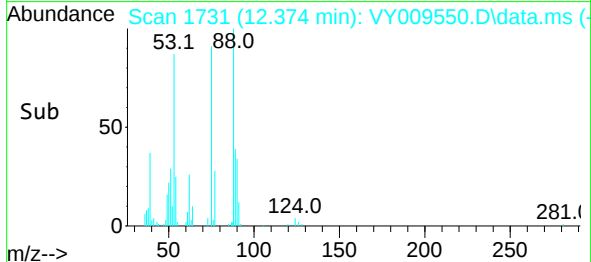
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
53 88.6 85.3 127.9
89 45.1 37.0 55.4

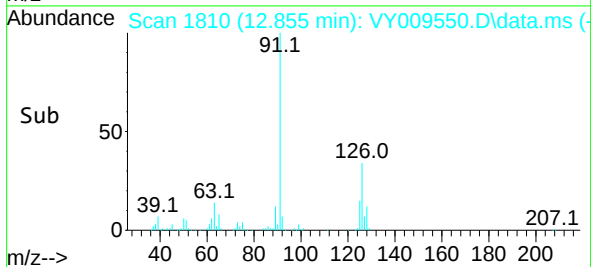
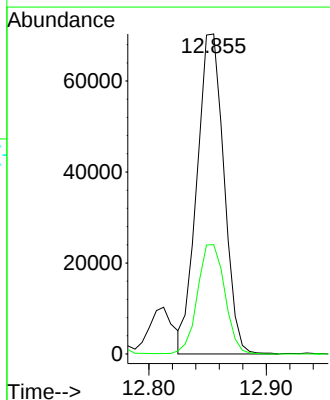
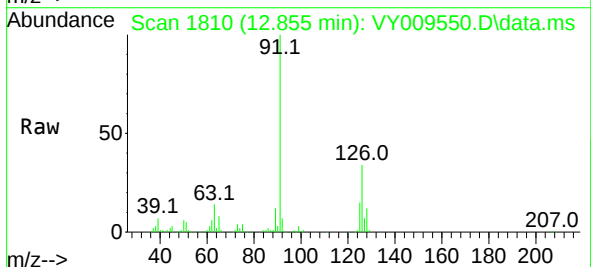
Manual Integrations
APPROVED

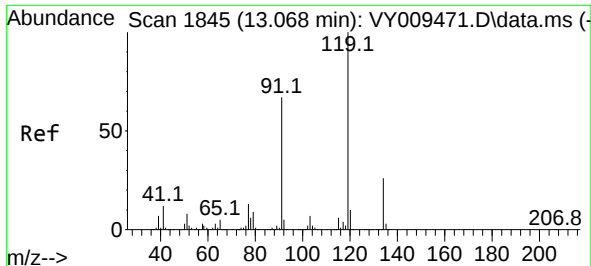
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#82
4-Chlorotoluene
Concen: 18.874 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

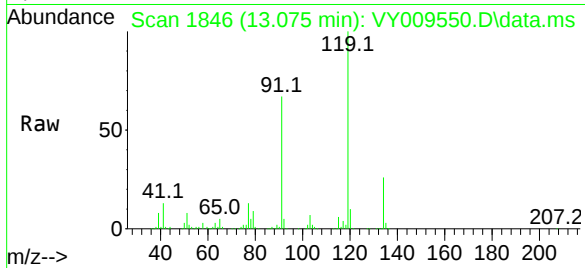
Tgt Ion: 91 Resp: 112296
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.822 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.007 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

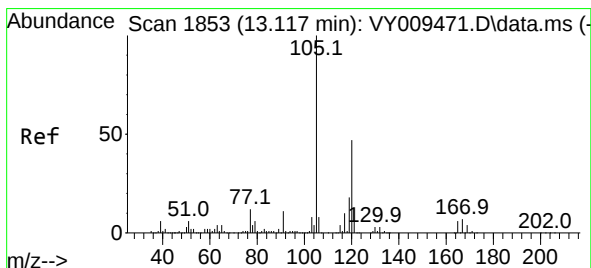
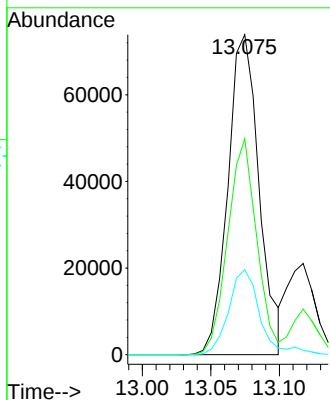
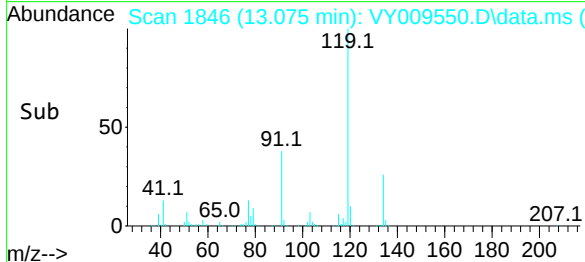
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



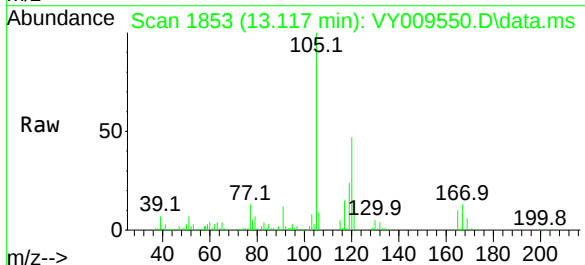
Tgt Ion:119 Resp: 117480
Ion Ratio Lower Upper
119 100
91 62.6 34.8 104.4
134 26.7 13.3 39.9

Manual Integrations
APPROVED

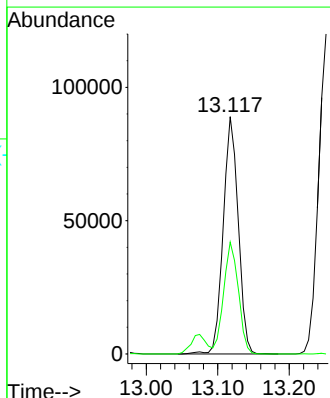
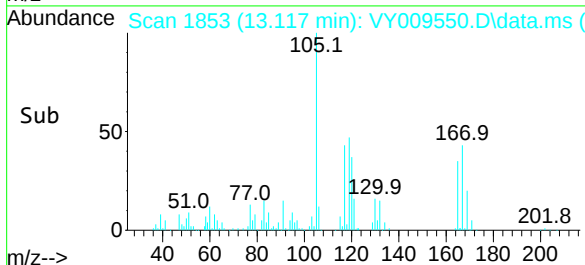
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

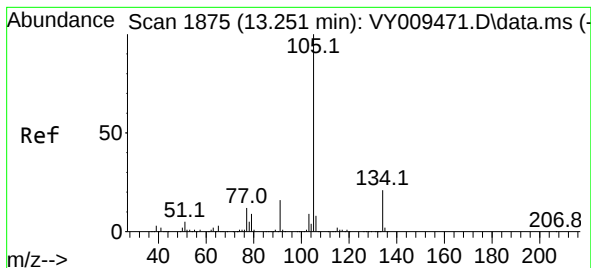


#84
1,2,4-Trimethylbenzene
Concen: 18.571 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48



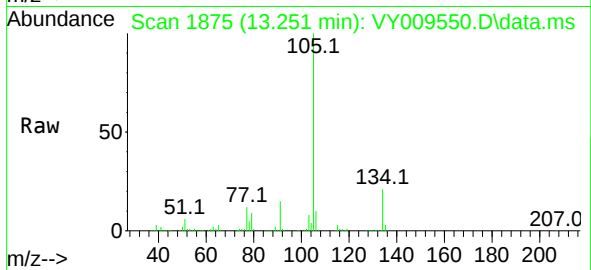
Tgt Ion:105 Resp: 129692
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.066 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48

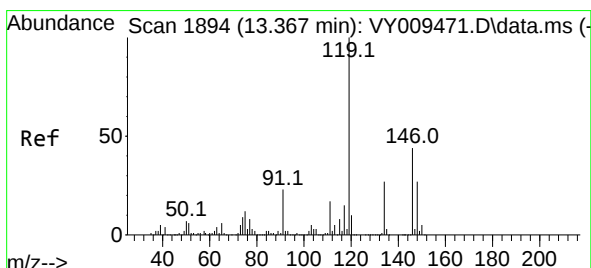
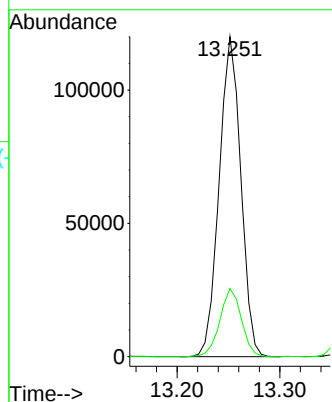
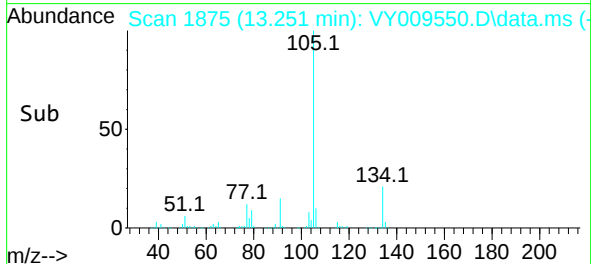
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01



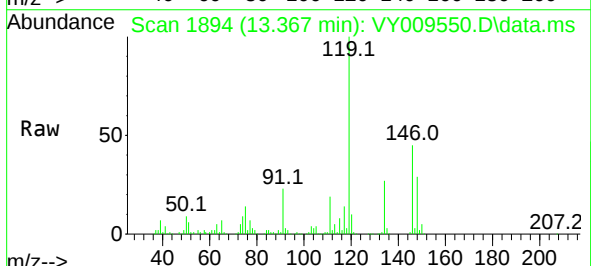
Tgt Ion:105 Resp: 17527
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4

Manual Integrations
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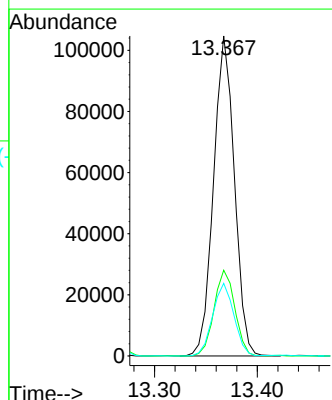
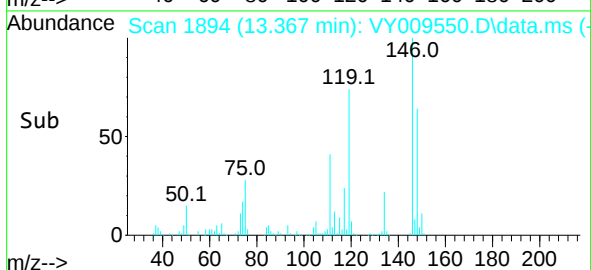
Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

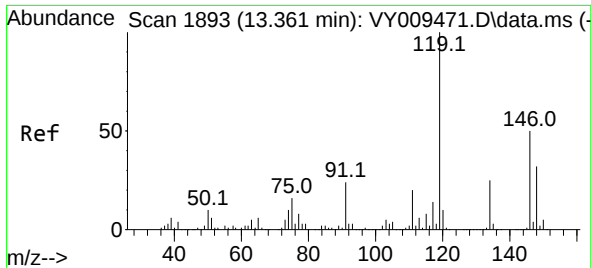


#86
 p-Isopropyltoluene
 Concen: 19.226 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009550.D
 Acq: 13 Jul 2022 10:48



Tgt Ion:119 Resp: 147325
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.013 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

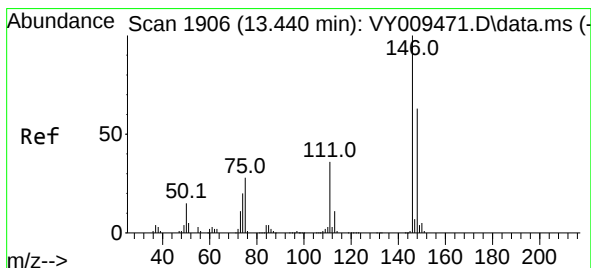
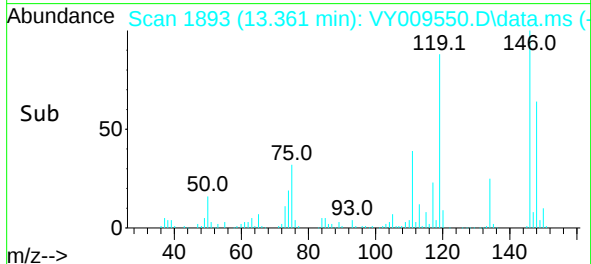
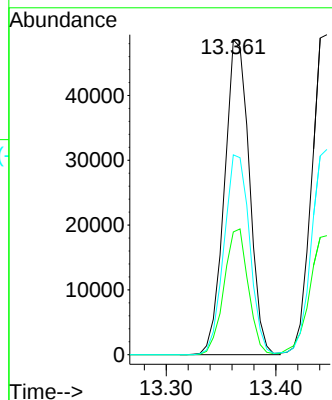
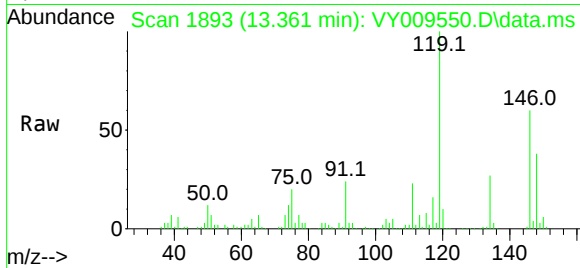
Tgt Ion:146	Resp:	76689
Ion Ratio	Lower	Upper
146	100	
111	38.9	19.5 58.5
148	65.1	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#88

1,4-Dichlorobenzene

Concen: 18.991 ug/l

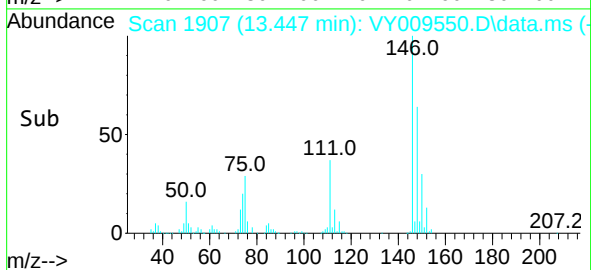
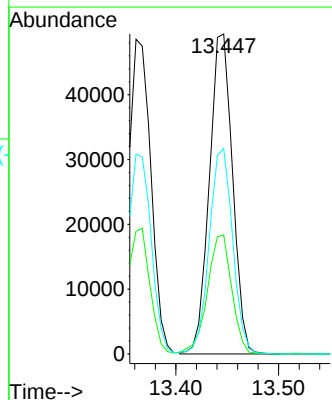
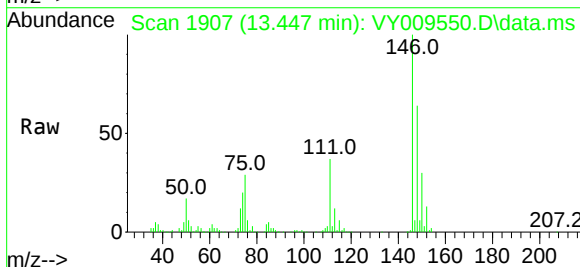
RT: 13.447 min Scan# 1907

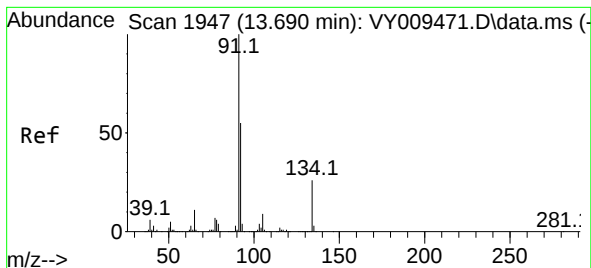
Delta R.T. 0.007 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

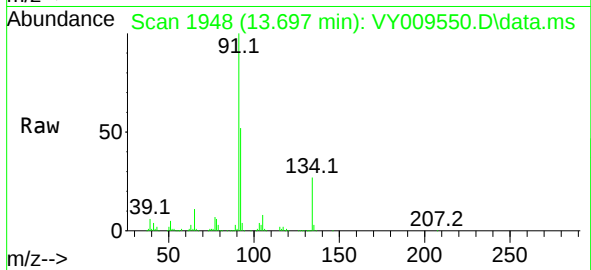
Tgt Ion:146	Resp:	77530
Ion Ratio	Lower	Upper
146	100	
111	39.2	19.3 57.8
148	65.0	32.6 97.8





#89
n-Butylbenzene
Concen: 19.230 ug/l
RT: 13.697 min Scan# 1947
Delta R.T. 0.007 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

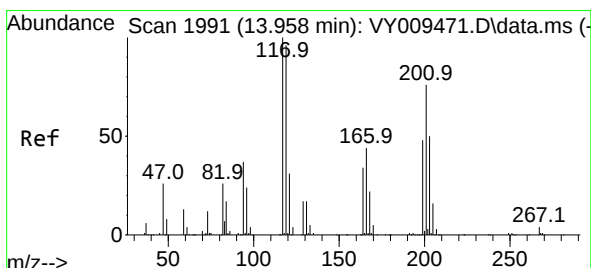
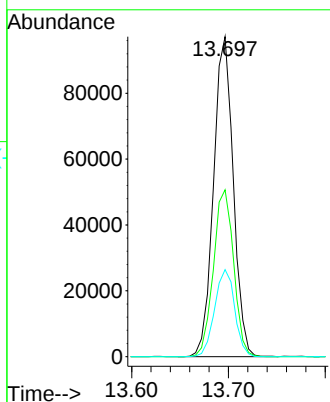
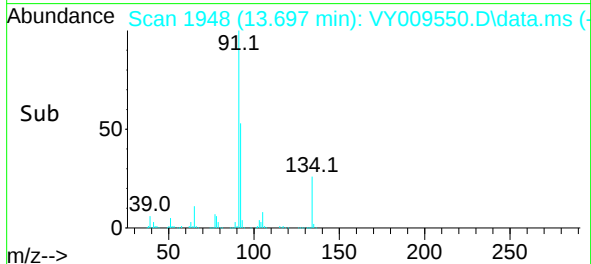
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 91 Resp: 13760
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 27.6 13.0 38.9

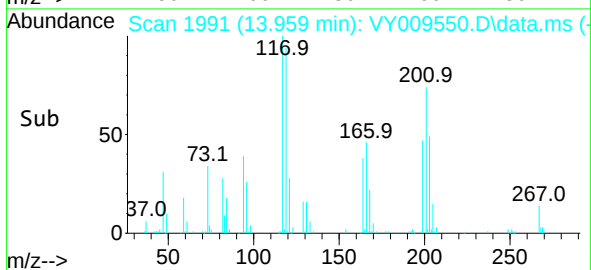
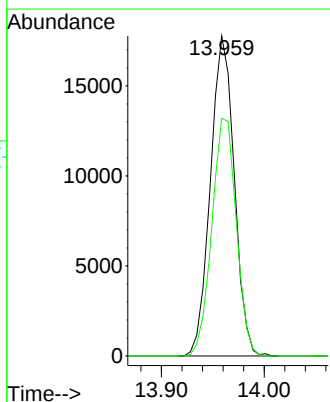
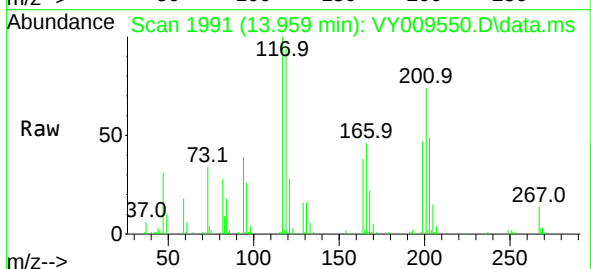
Manual Integrations
APPROVED

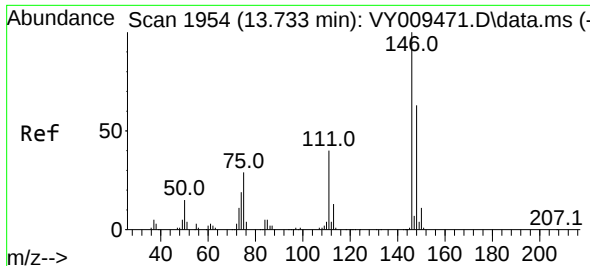
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#90
Hexachloroethane
Concen: 18.984 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion:117 Resp: 28543
Ion Ratio Lower Upper
117 100
201 76.5 43.0 128.8





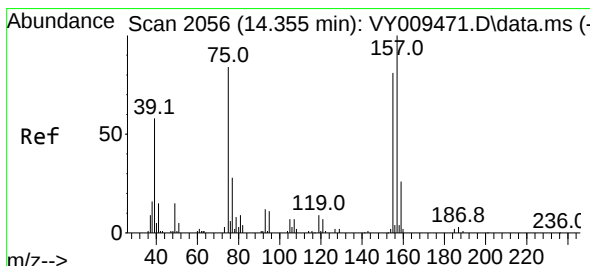
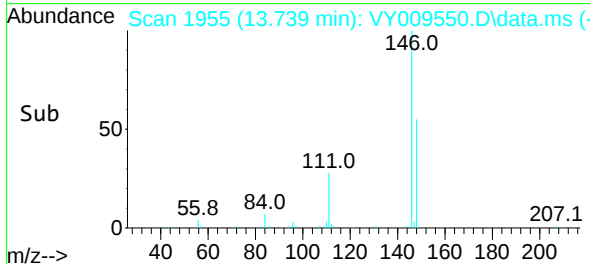
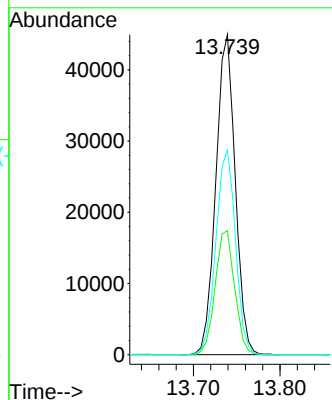
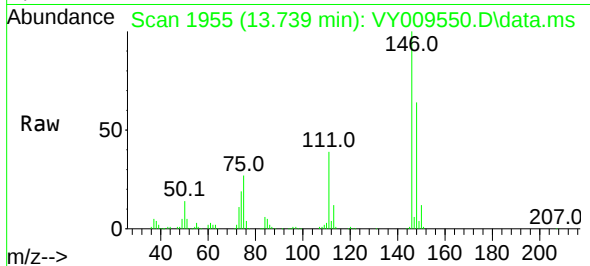
#91
1,2-Dichlorobenzene
Concen: 18.919 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:146 Resp: 6991
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 64.6 32.3 96.9

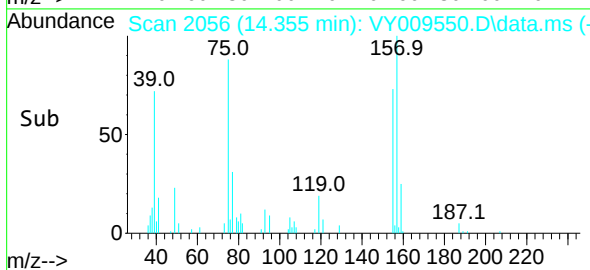
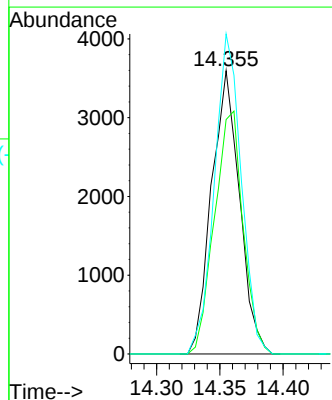
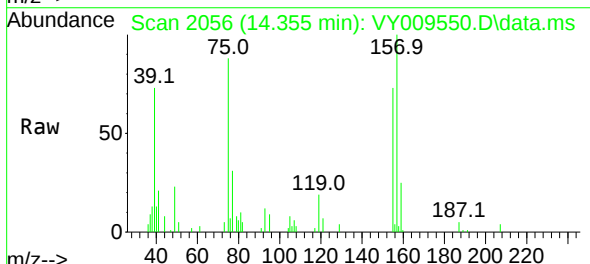
Manual Integrations
APPROVED

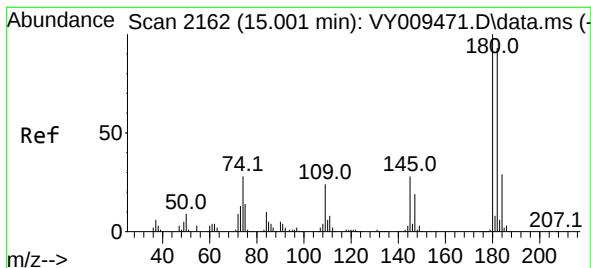
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.752 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 75 Resp: 5524
Ion Ratio Lower Upper
75 100
155 87.7 38.0 113.9
157 108.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.570 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

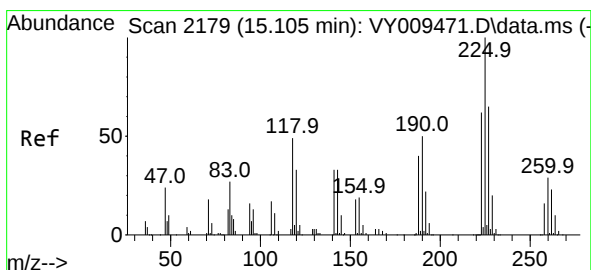
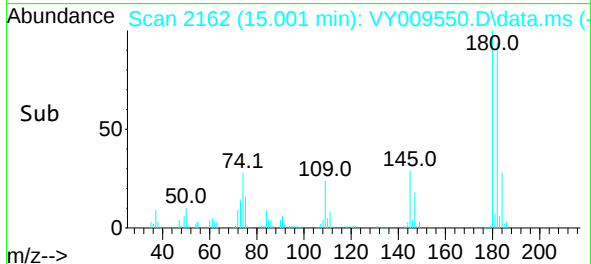
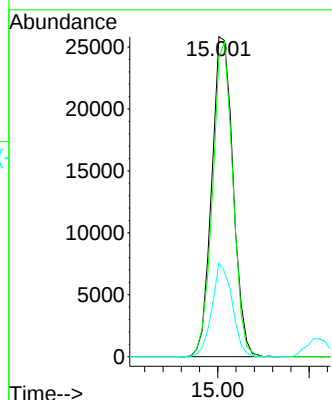
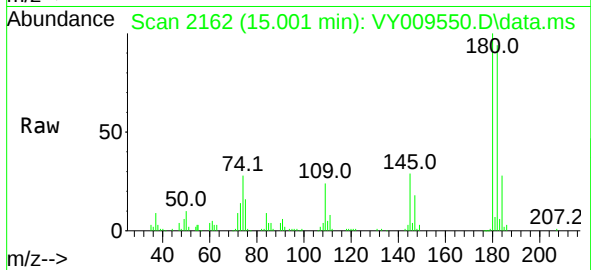
Tgt Ion:	180	Resp:	4185
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.3	141.9
145	27.6	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#94

Hexachlorobutadiene

Concen: 19.783 ug/l

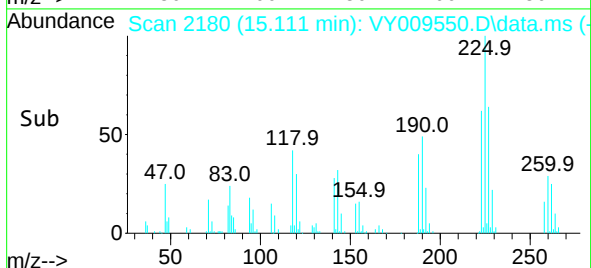
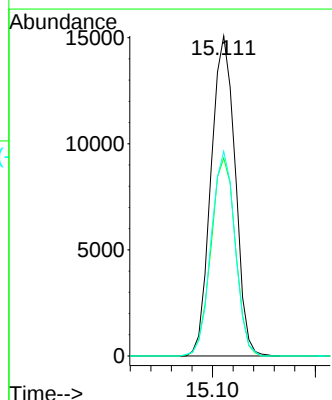
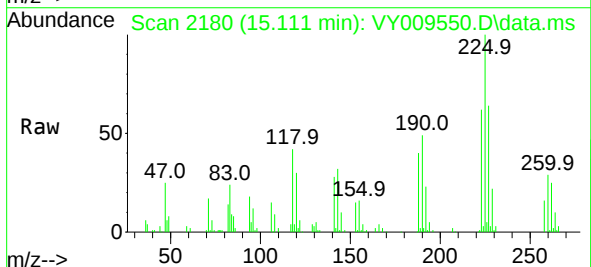
RT: 15.111 min Scan# 2180

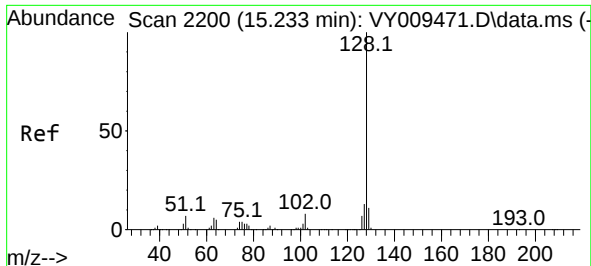
Delta R.T. 0.006 min

Lab File: VY009550.D

Acq: 13 Jul 2022 10:48

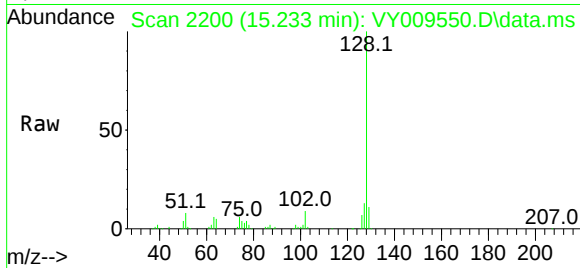
Tgt Ion:	225	Resp:	24515
Ion Ratio	Lower	Upper	
225	100		
223	62.3	30.8	92.3
227	63.1	31.6	94.7





#95
Naphthalene
Concen: 17.287 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

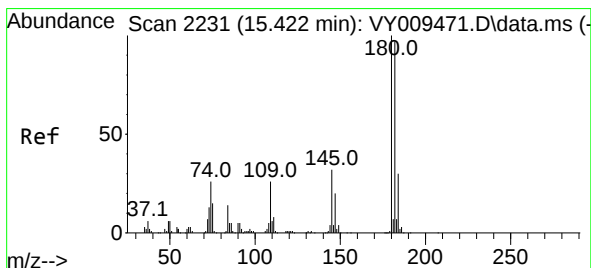
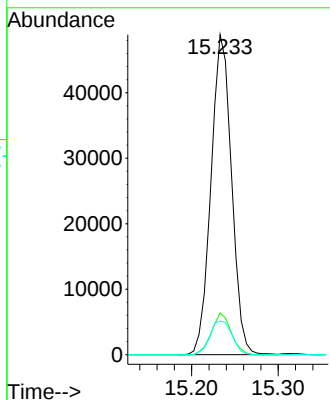
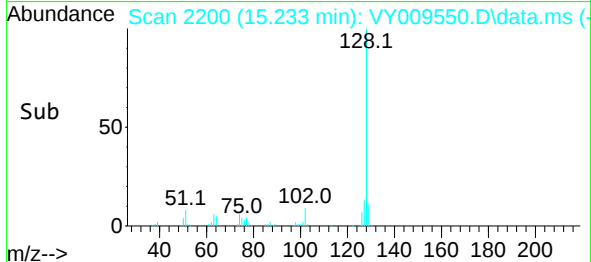
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion:128 Resp: 8056
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.595 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009550.D
Acq: 13 Jul 2022 10:48

Tgt Ion:180 Resp: 36302
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.9
145 30.1 15.3 45.9

