

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012381.D
 Acq On : 27 Jan 2023 14:18
 Operator : KP/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Quant Time: Jan 30 02:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	154002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61480	48.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.722	113	55787	44.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.080%
50) Toluene-d8	10.179	98	199872	45.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.483	95	73016	41.353	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	3646	2.709	ug/l	99
3) Chloromethane	2.113	50	3281	2.641	ug/l	97
4) Vinyl Chloride	2.253	62	4026	2.776	ug/l	90
5) Bromomethane	2.656	94	3878	3.459	ug/l	90
6) Chloroethane	2.796	64	2671	2.824	ug/l	97
7) Trichlorofluoromethane	3.131	101	7664	2.708	ug/l	99
8) Diethyl Ether	3.534	74	2116	2.512	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	3756	2.727	ug/l	91
10) Methyl Iodide	4.101	142	4706	2.248	ug/l	94
11) Tert butyl alcohol	4.930	59	6524	32.348	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	4000	2.828	ug/l	84
13) Acrolein	3.735	56	971	Below Cal		92
14) Allyl chloride	4.479	41	4055	2.319	ug/l #	78
15) Acrylonitrile	5.167	53	4271	11.610	ug/l	99
16) Acetone	3.954	43	4809	11.214	ug/l	92
17) Carbon Disulfide	4.198	76	11479	2.624	ug/l	99
18) Methyl Acetate	4.479	43	2710	2.824	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	9800	2.486	ug/l #	88
20) Methylene Chloride	4.722	84	13839	Below Cal	#	84
21) trans-1,2-Dichloroethene	5.216	96	4212	2.669	ug/l	83
22) Diisopropyl ether	6.118	45	7908	2.268	ug/l #	83
23) Vinyl Acetate	6.064	43	22086	10.166	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	6546	2.707	ug/l #	93
25) 2-Butanone	6.990	43	5653	11.941	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	8564	3.262	ug/l	88
27) cis-1,2-Dichloroethene	6.984	96	4630	2.671	ug/l	95
28) Bromochloromethane	7.338	49	1504	2.848	ug/l #	44
29) Tetrahydrofuran	7.344	42	3009	11.571	ug/l #	86
30) Chloroform	7.502	83	7966	2.790	ug/l	91
31) Cyclohexane	7.789	56	7685	3.423	ug/l #	54
32) 1,1,1-Trichloroethane	7.704	97	7659	2.710	ug/l	99
36) 1,1-Dichloropropene	7.917	75	5591	2.626	ug/l	98
37) Ethyl Acetate	7.088	43	2191	2.335	ug/l #	93
38) Carbon Tetrachloride	7.899	117	7617	2.771	ug/l	91
39) Methylcyclohexane	9.185	83	6489	2.494	ug/l #	85
40) Benzene	8.167	78	16429	2.674	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	1909	3.461	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	5248	2.683	ug/l	99
43) Isopropyl Acetate	8.277	43	3853	2.207	ug/l #	86
44) Trichloroethene	8.941	130	4879	2.657	ug/l	95
45) 1,2-Dichloropropane	9.215	63	3248	2.534	ug/l	91
46) Dibromomethane	9.301	93	2239	2.609	ug/l	90
47) Bromodichloromethane	9.496	83	5641	2.611	ug/l #	96
48) Methyl methacrylate	9.295	41	1724	2.143	ug/l	89
49) 1,4-Dioxane	9.289	88	557	47.628	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	9768	10.492	ug/l	97
52) Toluene	10.240	92	11136	2.722	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	5654	2.502	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	6078	2.497	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	3033	2.487	ug/l	92
56) Ethyl methacrylate	10.508	69	3580	2.238	ug/l	89
57) 1,3-Dichloropropane	10.788	76	5002	2.512	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	6392	12.076	ug/l #	87
59) 2-Hexanone	10.831	43	6796	9.588	ug/l	94
60) Dibromochloromethane	10.983	129	4027	2.490	ug/l	99
61) 1,2-Dibromoethane	11.087	107	2863	2.433	ug/l	98
64) Tetrachloroethene	10.721	164	5383	2.789	ug/l	96
65) Chlorobenzene	11.520	112	11815	2.730	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	4678	2.863	ug/l	96
67) Ethyl Benzene	11.593	91	20544	2.656	ug/l	99
68) m/p-Xylenes	11.703	106	16159	5.283	ug/l	95
69) o-Xylene	12.032	106	7287	2.494	ug/l	99
70) Styrene	12.044	104	12937	2.650	ug/l	97
71) Bromoform	12.209	173	2737	2.622	ug/l #	99
73) Isopropylbenzene	12.331	105	19485	2.519	ug/l	96
74) N-amyl acetate	12.142	43	3088	2.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	3127	2.566	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	4604	4.667	ug/l #	100
77) Bromobenzene	12.605	156	5289	2.841	ug/l	87
78) n-propylbenzene	12.672	91	23354	2.580	ug/l	96
79) 2-Chlorotoluene	12.758	91	13382	2.615	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	17533	2.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1209	2.525	ug/l	88
82) 4-Chlorotoluene	12.855	91	14309	2.662	ug/l	98
83) tert-Butylbenzene	13.075	119	14791	2.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	16278	2.455	ug/l	98
85) sec-Butylbenzene	13.251	105	22236	2.665	ug/l	96
86) p-Isopropyltoluene	13.367	119	18669	2.561	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	10435	2.819	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	10573	2.864	ug/l	92
89) n-Butylbenzene	13.696	91	15972	2.528	ug/l	97
90) Hexachloroethane	13.959	117	3613	2.745	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	8472	2.565	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.355	75	610	2.423	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	5195	2.454	ug/l	97
94) Hexachlorobutadiene	15.117	225	3644	2.860	ug/l	96
95) Naphthalene	15.239	128	9147	2.190	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	4444	2.440	ug/l	94

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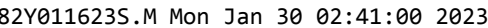
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

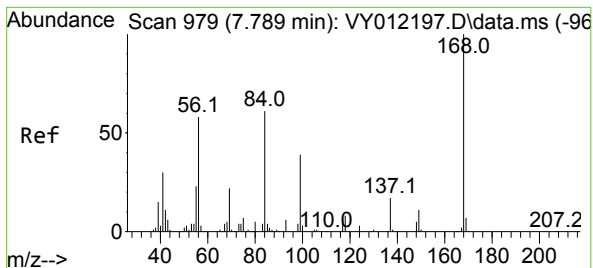
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012381.D

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Instrument :

MSVOA_Y

ClientSampleId :

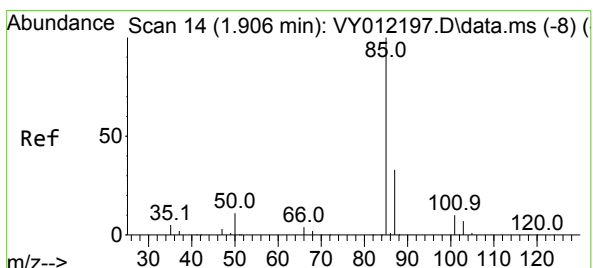
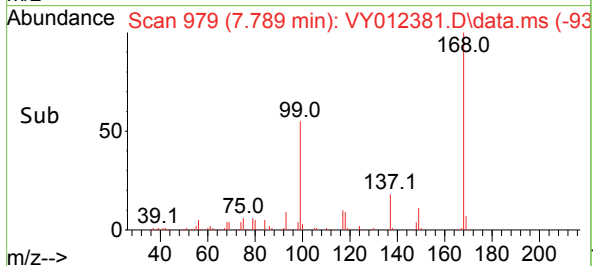
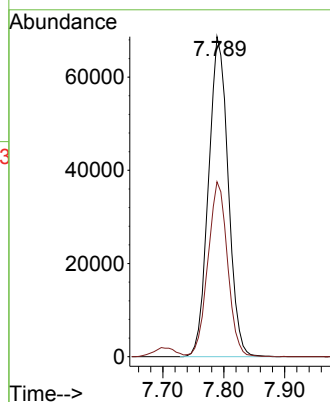
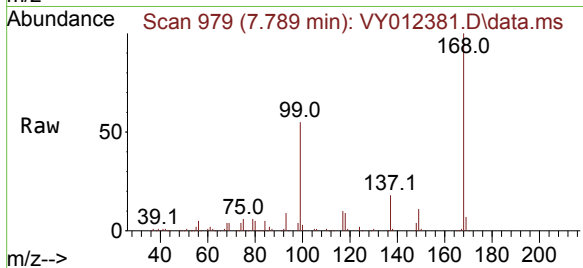
MDL07

Tgt Ion:168 Resp: 154002

Ion Ratio Lower Upper

168 100

99 54.7 44.0 66.0



#2

Dichlorodifluoromethane

Concen: 2.709 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY012381.D

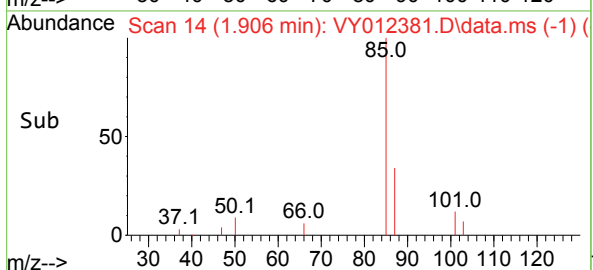
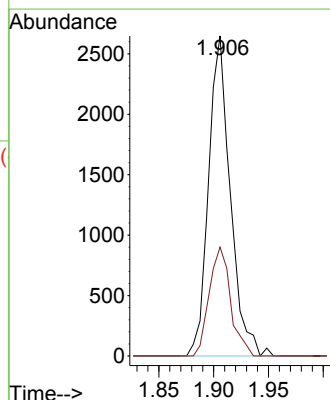
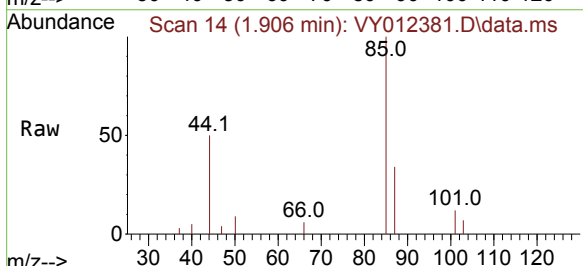
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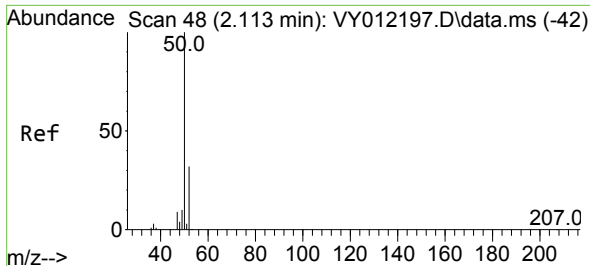
Tgt Ion: 85 Resp: 3646

Ion Ratio Lower Upper

85 100

87 34.0 16.8 50.4

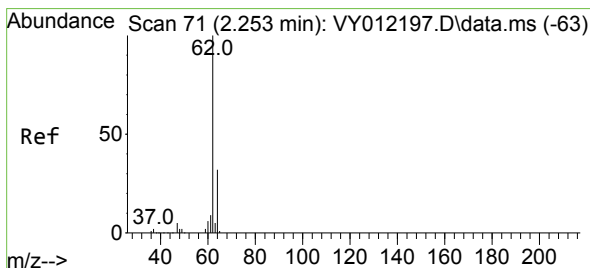
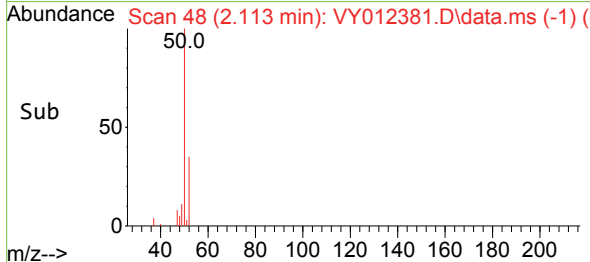
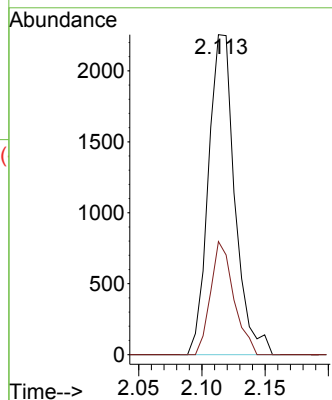
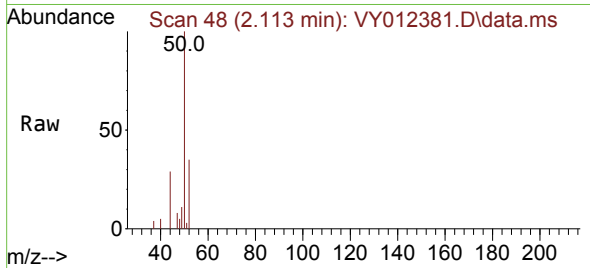




#3
Chloromethane
Concen: 2.641 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012381.D
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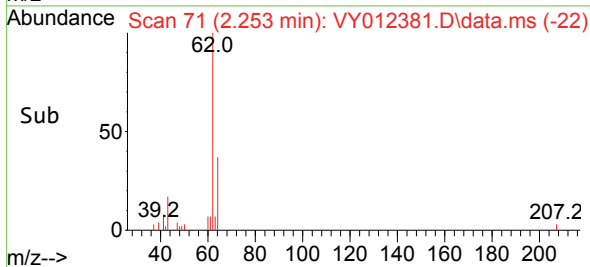
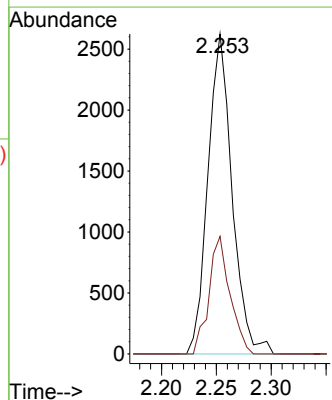
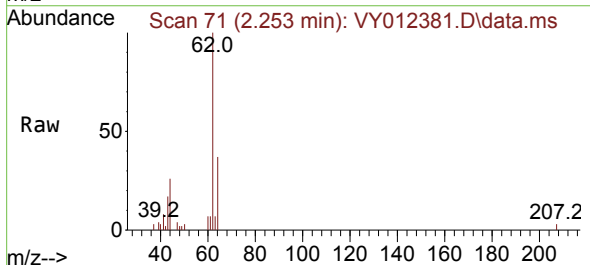
Instrument :
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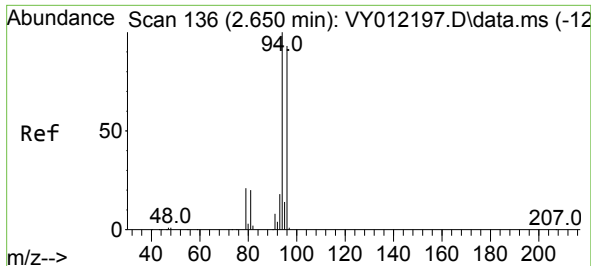
Tgt Ion: 50 Resp: 3281
Ion Ratio Lower Upper
50 100
52 35.3 26.8 40.2



#4
Vinyl Chloride
Concen: 2.776 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 62 Resp: 4026
Ion Ratio Lower Upper
62 100
64 36.7 25.0 37.6

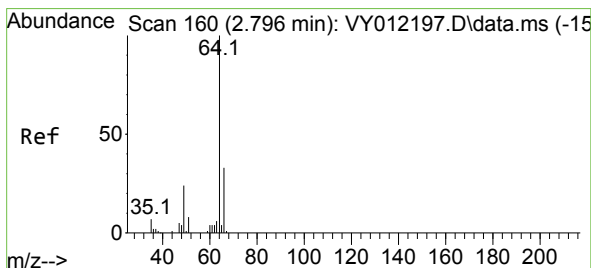
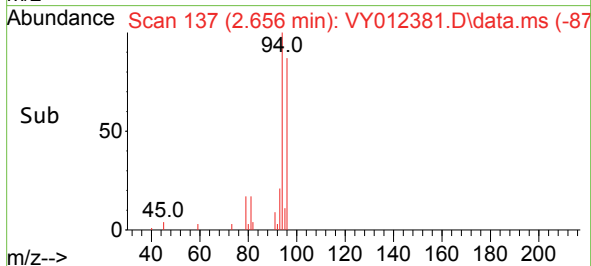
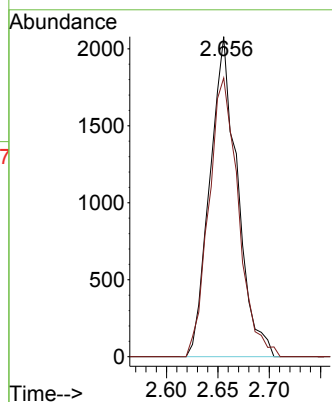
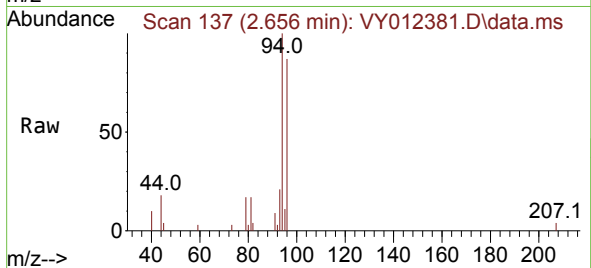




#5
Bromomethane
Concen: 3.459 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

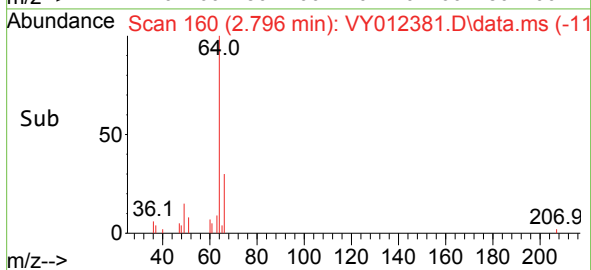
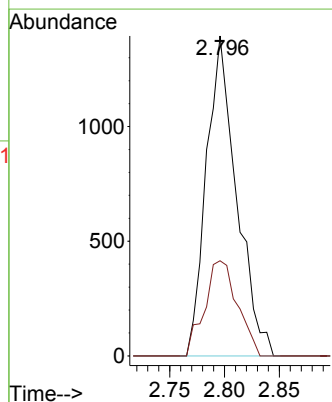
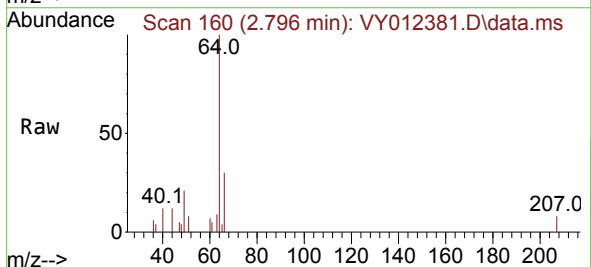
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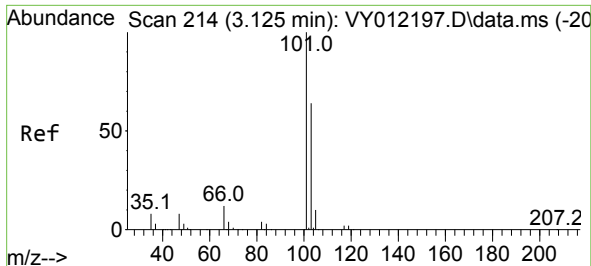
Tgt Ion: 94 Resp: 3878
Ion Ratio Lower Upper
94 100
96 87.1 77.4 116.2



#6
Chloroethane
Concen: 2.824 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 64 Resp: 2671
Ion Ratio Lower Upper
64 100
66 29.7 25.0 37.4

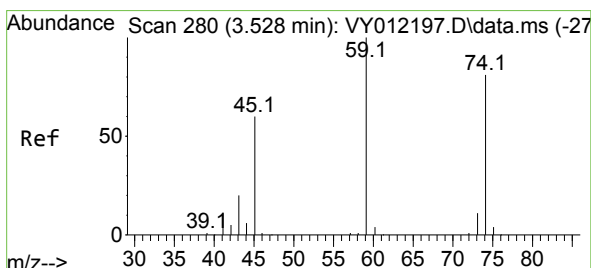
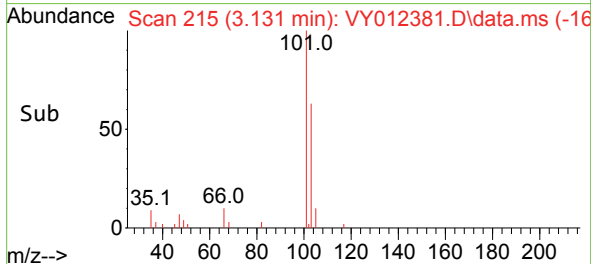
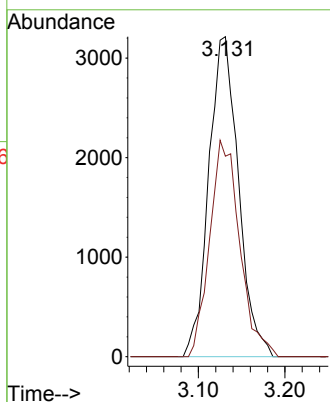
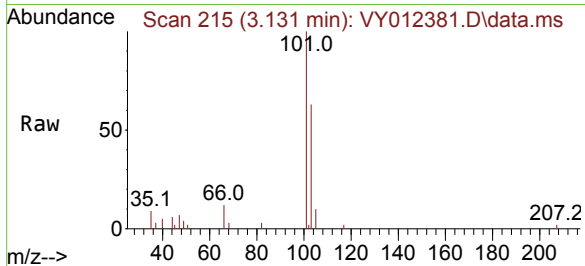




#7
 Trichlorofluoromethane
 Concen: 2.708 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012381.D
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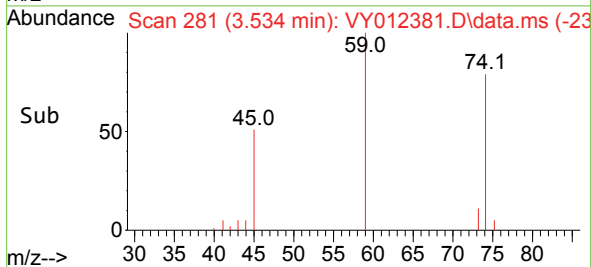
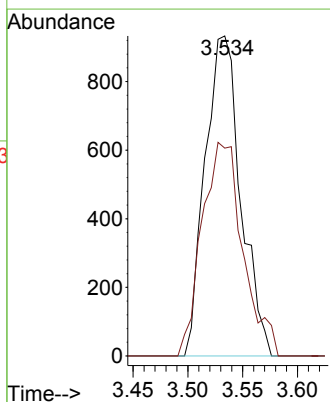
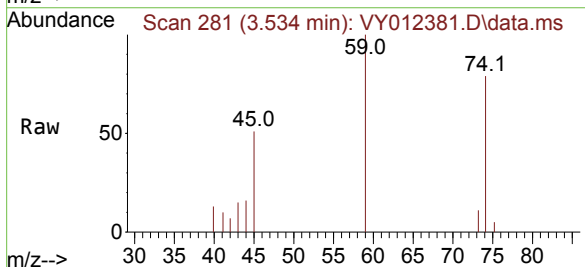
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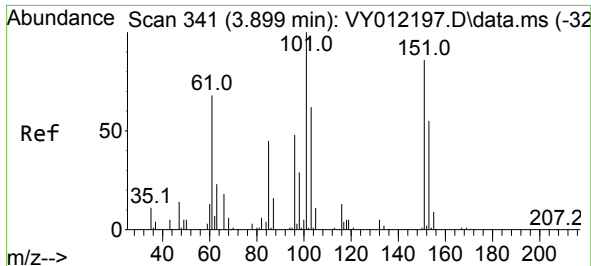
Tgt Ion:101 Resp: 7664
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.6



#8
 Diethyl Ether
 Concen: 2.512 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 2116
 Ion Ratio Lower Upper
 74 100
 45 76.1 46.8 140.3

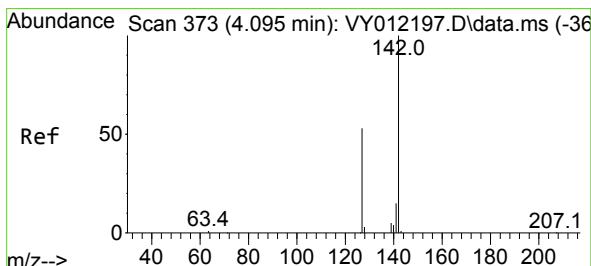
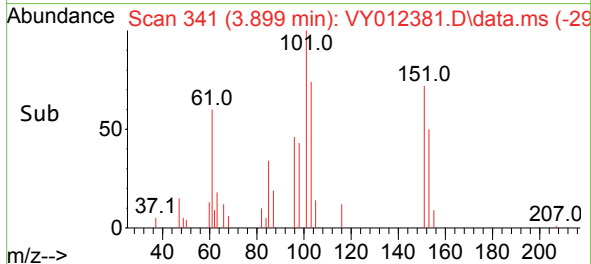
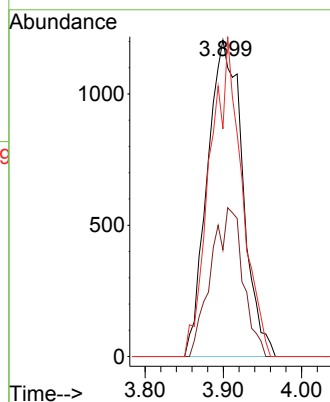
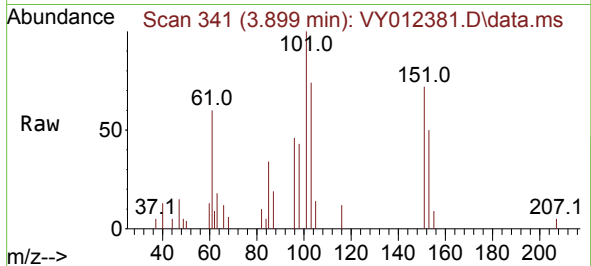




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.727 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012381.D
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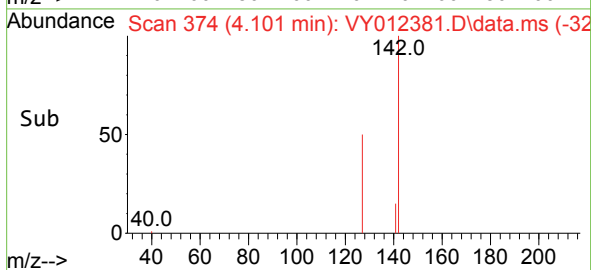
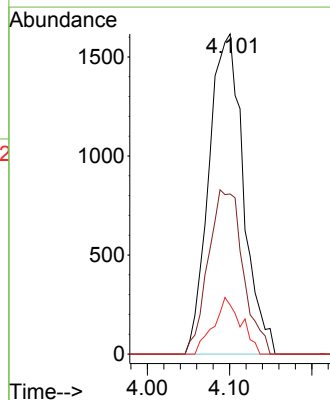
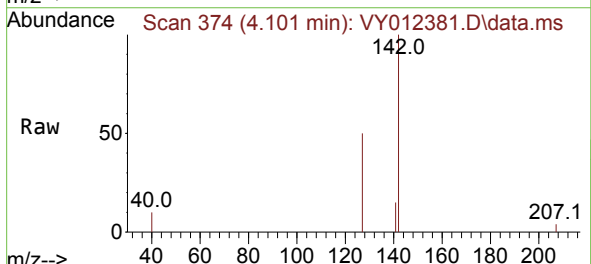
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

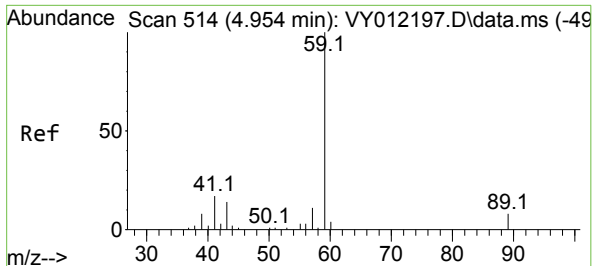
Tgt Ion:101 Resp: 3756
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 91.3 64.2 96.2



#10
Methyl Iodide
Concen: 2.248 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion:142 Resp: 4706
Ion Ratio Lower Upper
142 100
127 51.8 37.0 55.4
141 14.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 32.348 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

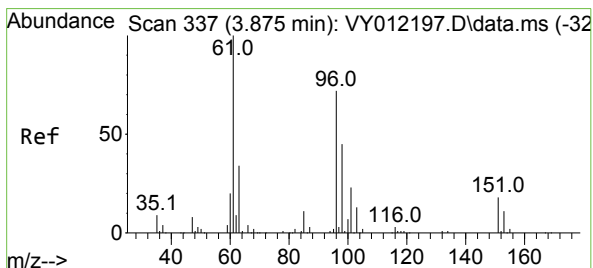
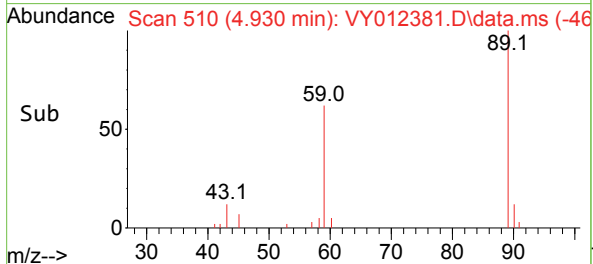
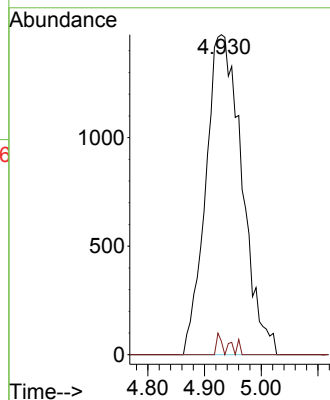
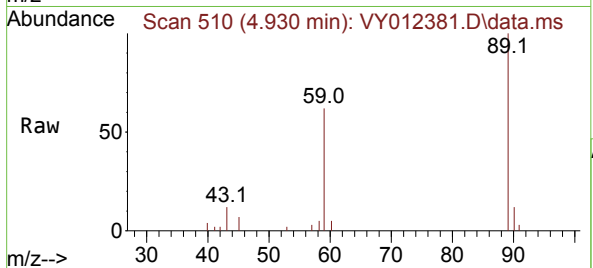
MDL07

Tgt Ion: 59 Resp: 6524

Ion Ratio Lower Upper

59 100

57 0.9 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 2.828 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

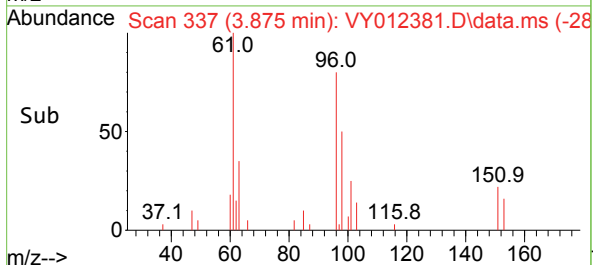
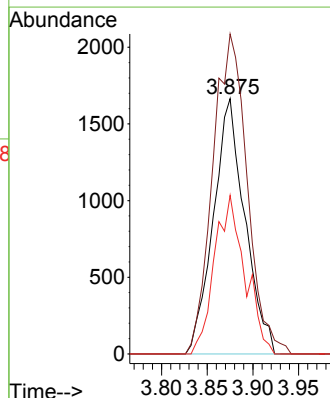
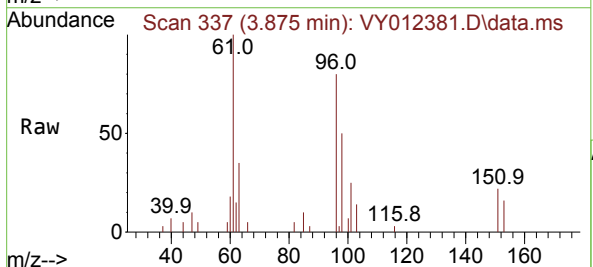
Tgt Ion: 96 Resp: 4000

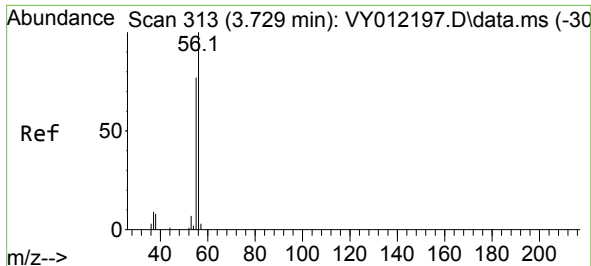
Ion Ratio Lower Upper

96 100

61 125.3 122.0 183.0

98 62.1 48.6 73.0





#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

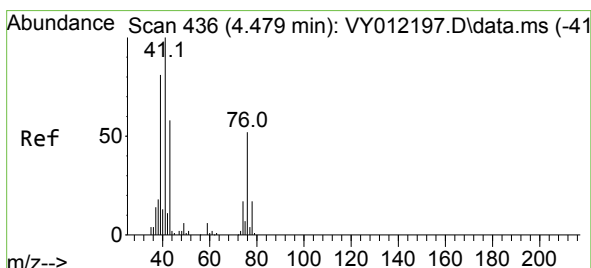
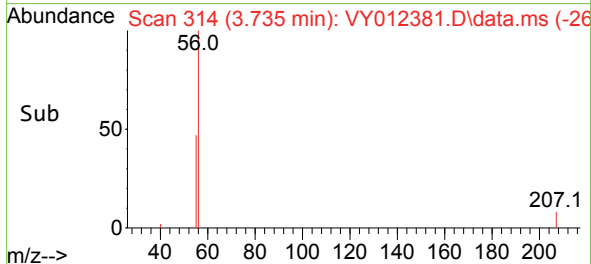
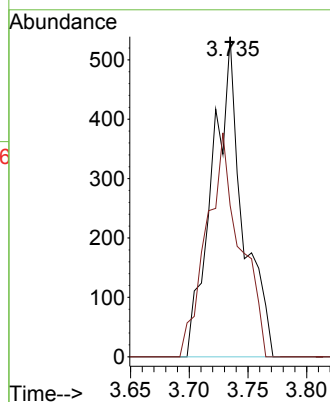
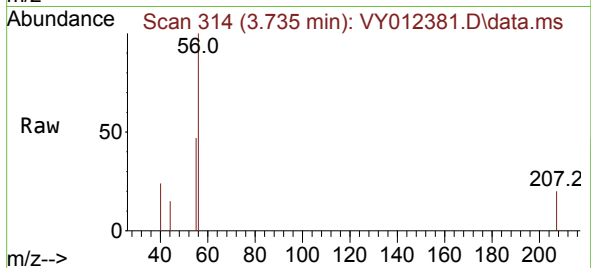
MDL07

Tgt Ion: 56 Resp: 971

Ion Ratio Lower Upper

56 100

55 77.0 56.6 85.0



#14

Allyl chloride

Concen: 2.319 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

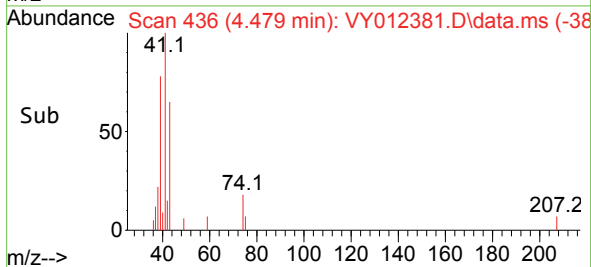
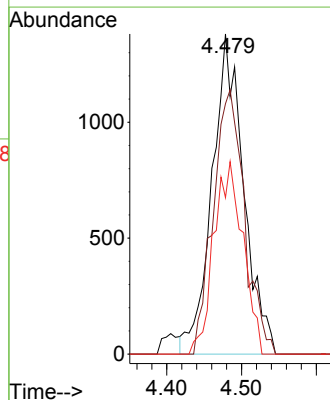
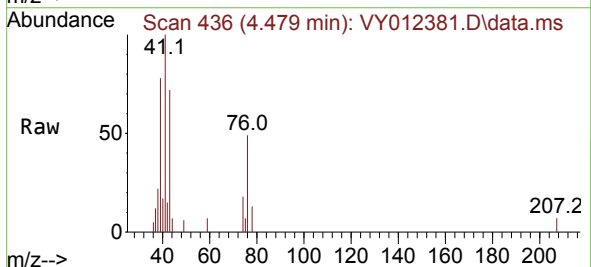
Tgt Ion: 41 Resp: 4055

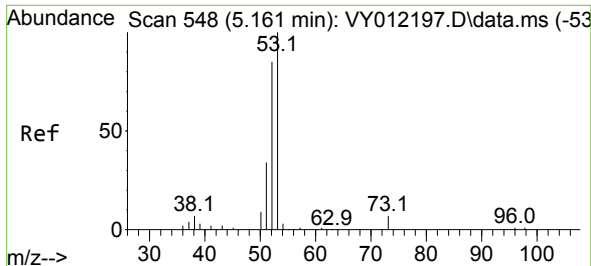
Ion Ratio Lower Upper

41 100

39 81.8 53.5 80.3#

76 55.4 31.1 46.7#

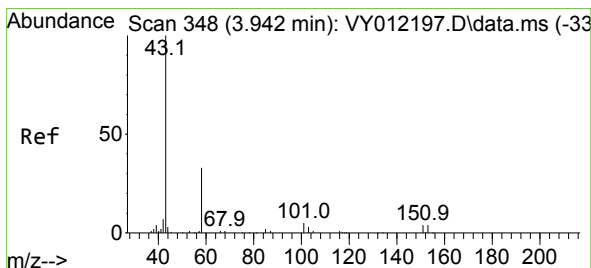
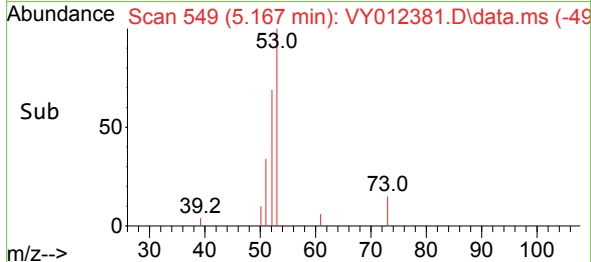
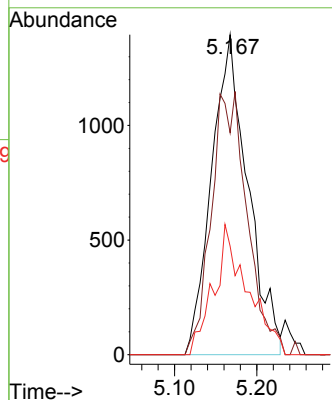
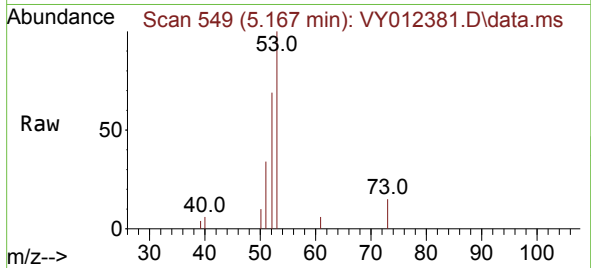




#15
Acrylonitrile
Concen: 11.610 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

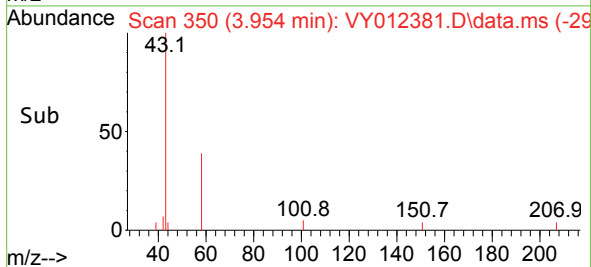
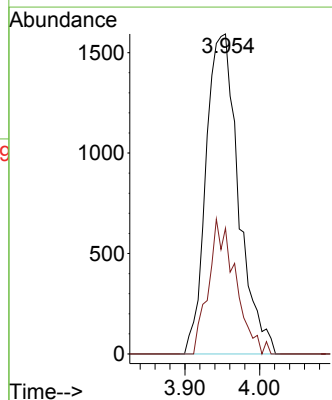
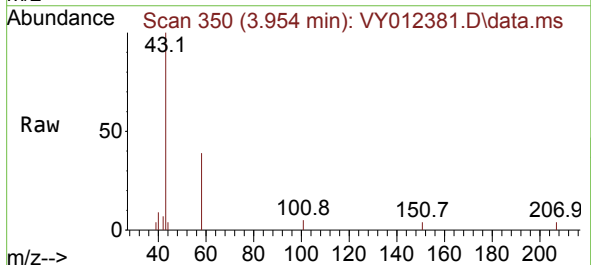
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

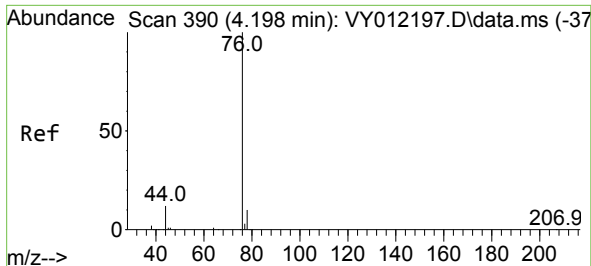
Tgt Ion: 53 Resp: 4271
Ion Ratio Lower Upper
53 100
52 81.5 65.1 97.7
51 37.9 28.7 43.1



#16
Acetone
Concen: 11.214 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 43 Resp: 4809
Ion Ratio Lower Upper
43 100
58 39.3 27.9 41.9

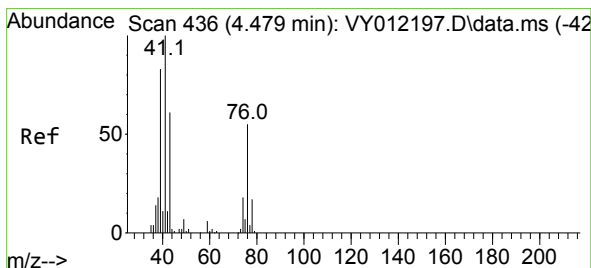
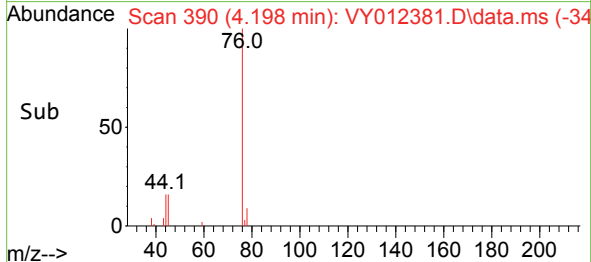
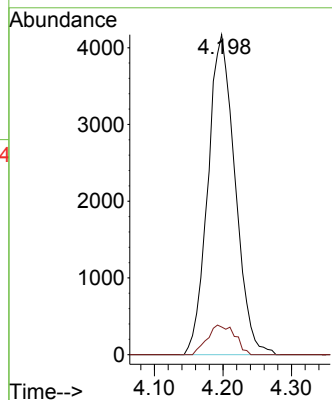
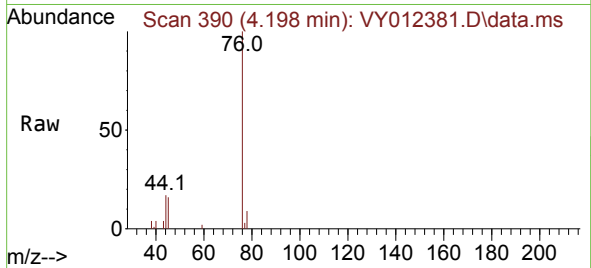




#17
Carbon Disulfide
Concen: 2.624 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

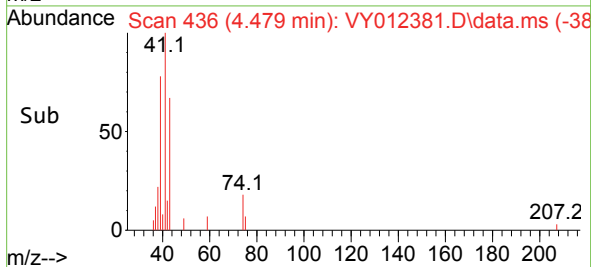
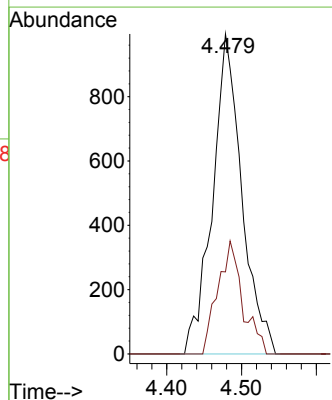
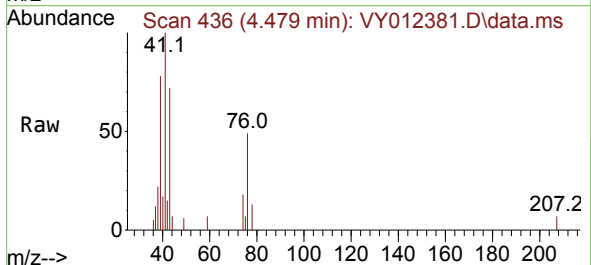
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

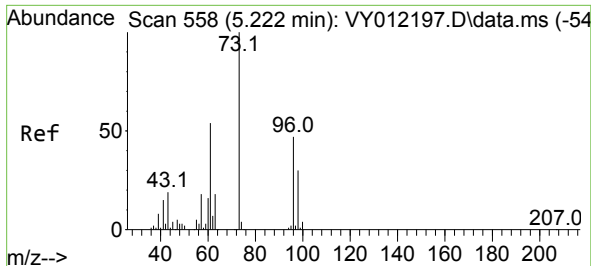
Tgt Ion: 76 Resp: 11479
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 2.824 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 43 Resp: 2710
Ion Ratio Lower Upper
43 100
74 30.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 2.486 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

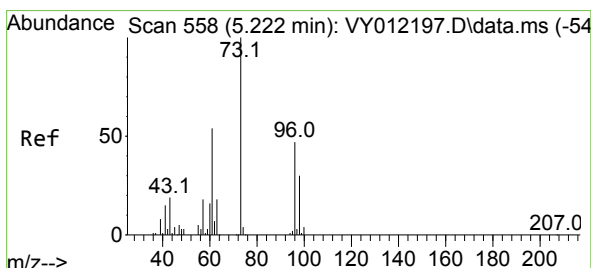
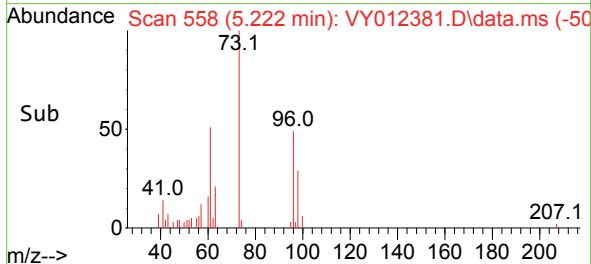
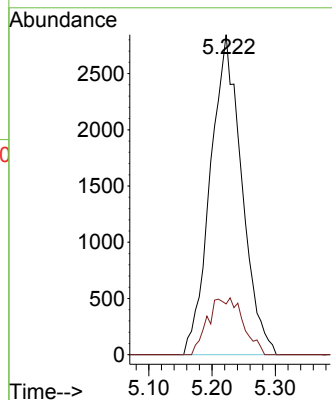
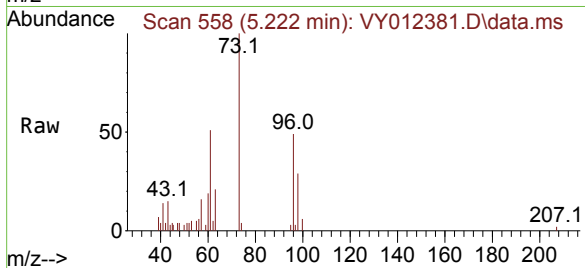
MDL07

Tgt Ion: 73 Resp: 9800

Ion Ratio Lower Upper

73 100

57 15.8 17.4 26.0#



#21

trans-1,2-Dichloroethene

Concen: 2.669 ug/l

RT: 5.216 min Scan# 557

Delta R.T. -0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

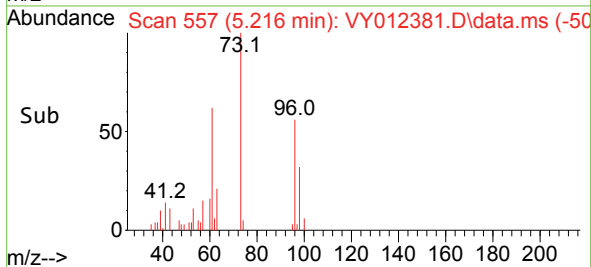
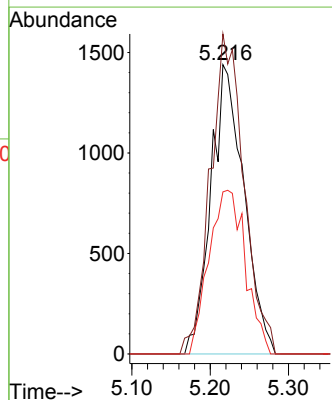
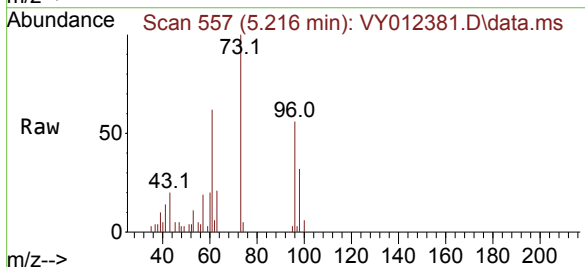
Tgt Ion: 96 Resp: 4212

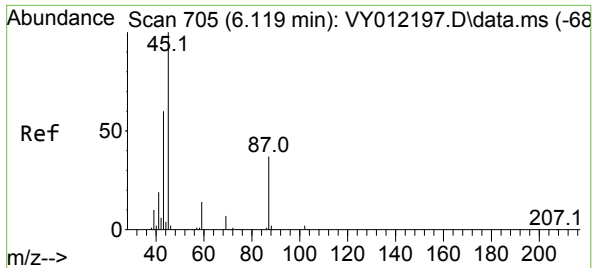
Ion Ratio Lower Upper

96 100

61 110.6 108.0 162.0

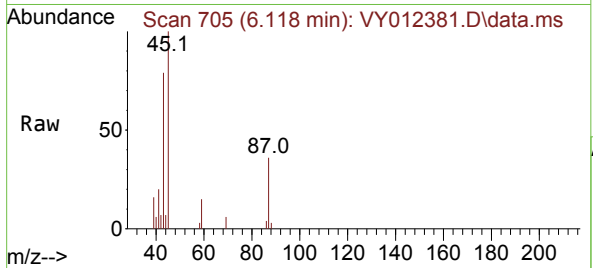
98 56.0 51.6 77.4



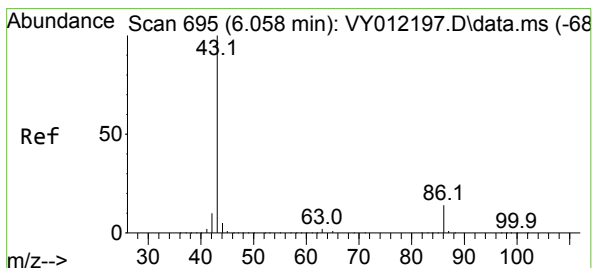
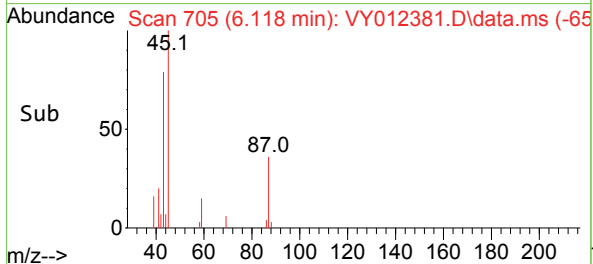
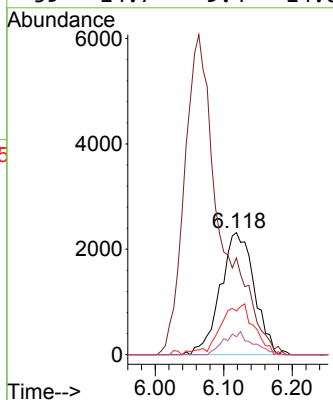


#22
Diisopropyl ether
Concen: 2.268 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

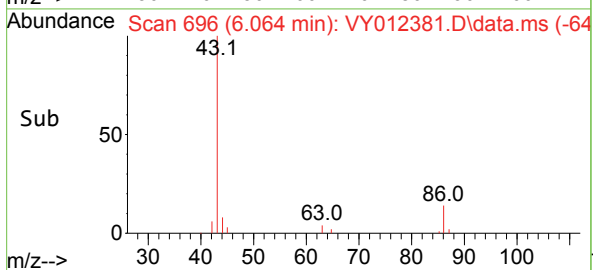
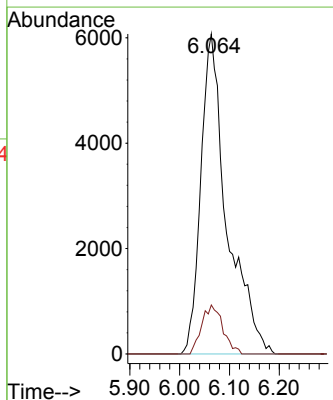
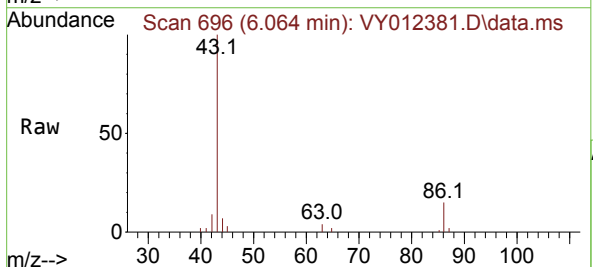


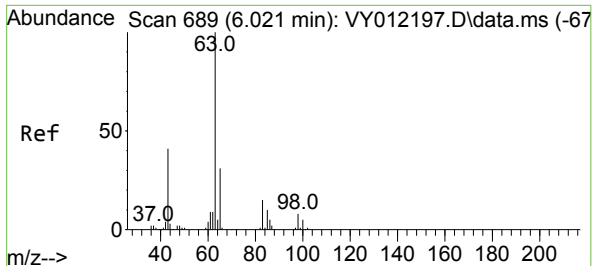
Tgt Ion:	45	Resp:	7908
Ion	Ratio	Lower	Upper
45	100		
43	72.5	45.0	67.4#
87	33.3	22.6	33.8
59	14.7	9.4	14.0#



#23
Vinyl Acetate
Concen: 10.166 ug/l
RT: 6.064 min Scan# 696
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion:	43	Resp:	22086
Ion	Ratio	Lower	Upper
43	100		
86	15.3	9.0	13.4#

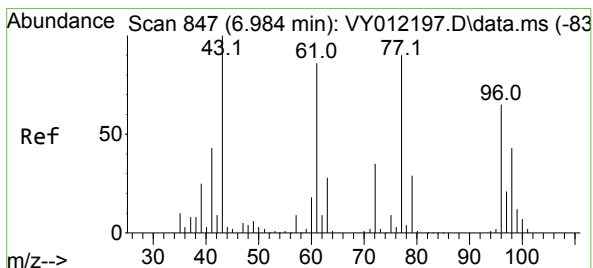
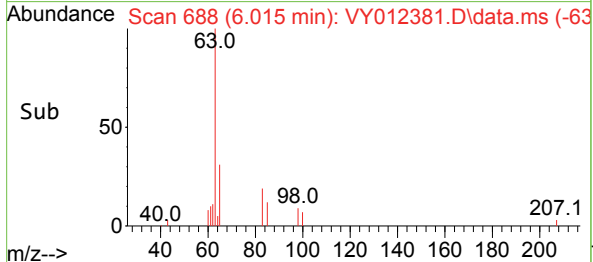
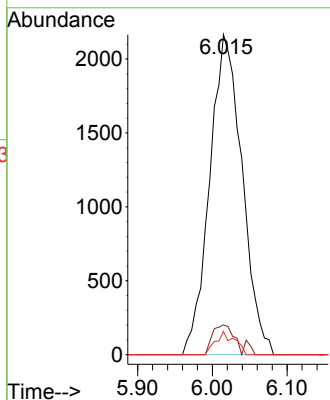
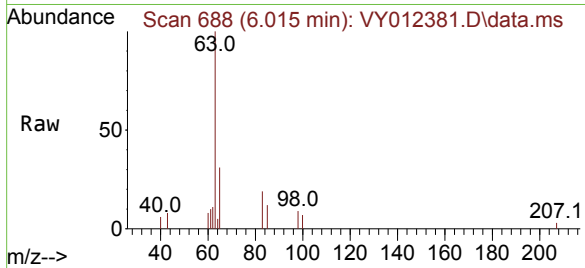




#24
1,1-Dichloroethane
Concen: 2.707 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

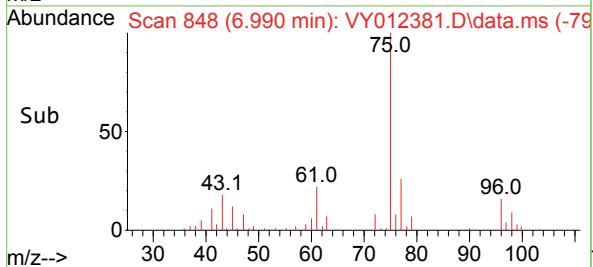
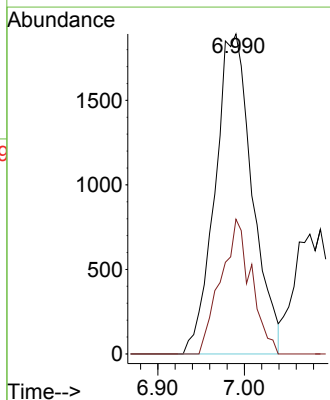
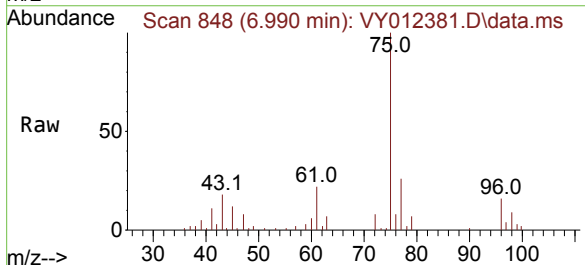
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

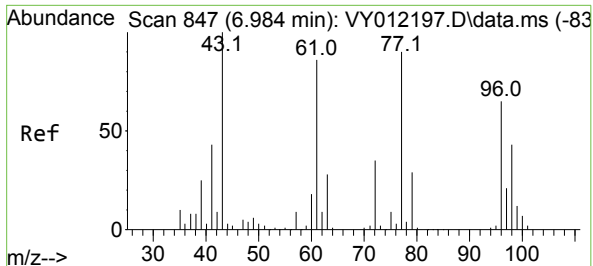
Tgt Ion: 63 Resp: 6546
Ion Ratio Lower Upper
63 100
98 9.3 3.5 10.5
100 7.3 2.2 6.6#



#25
2-Butanone
Concen: 11.941 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 43 Resp: 5653
Ion Ratio Lower Upper
43 100
72 42.1 22.6 34.0#





#26

2,2-Dichloropropane

Concen: 3.262 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

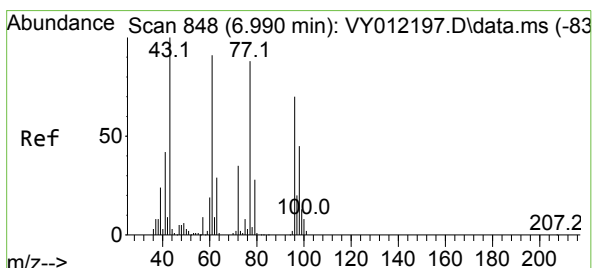
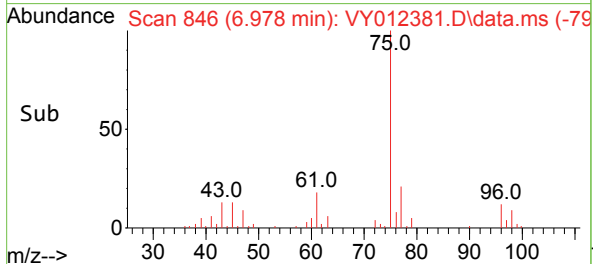
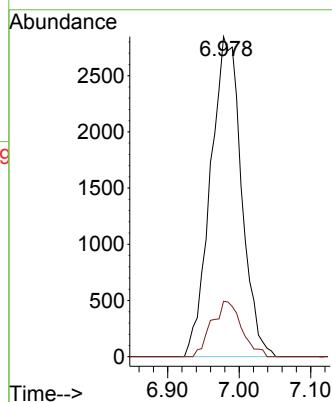
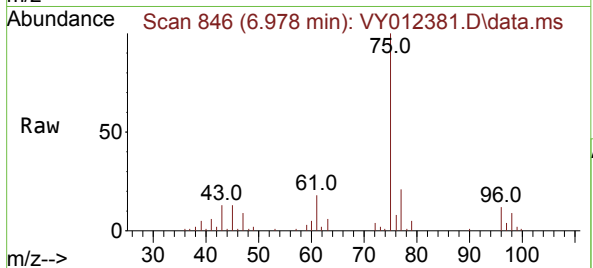
MDL07

Tgt Ion: 77 Resp: 8564

Ion Ratio Lower Upper

77 100

97 16.7 11.4 34.1



#27

cis-1,2-Dichloroethene

Concen: 2.671 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

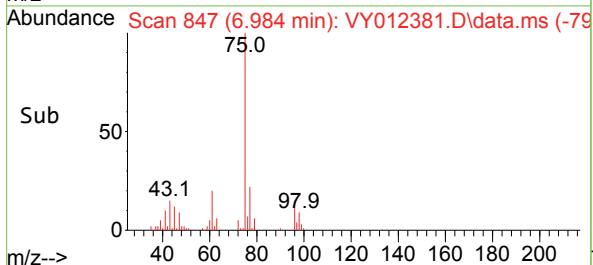
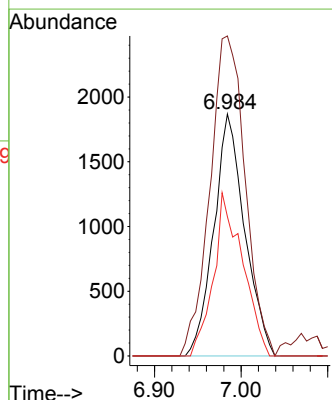
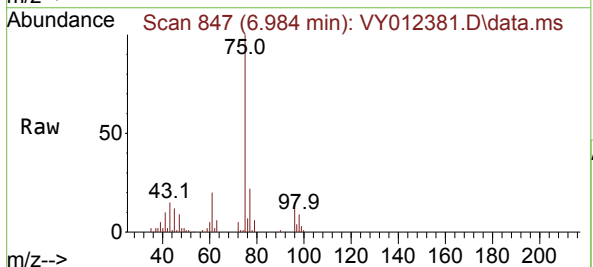
Tgt Ion: 96 Resp: 4630

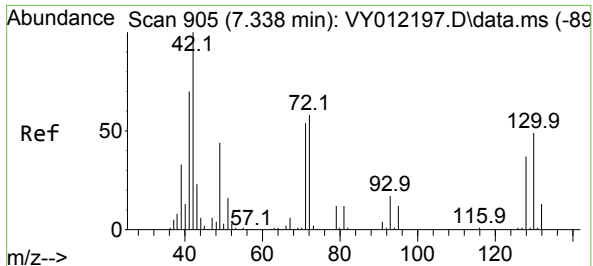
Ion Ratio Lower Upper

96 100

61 151.1 0.0 283.4

98 63.7 0.0 127.6

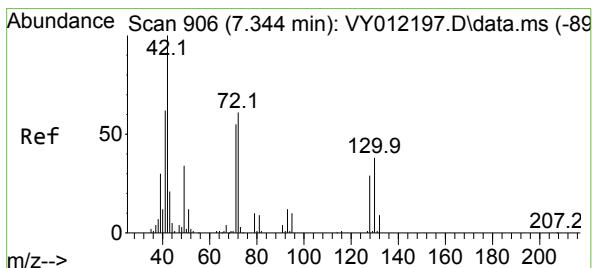
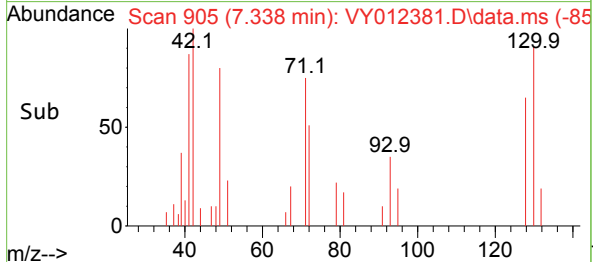
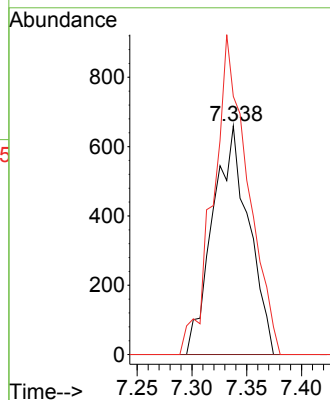
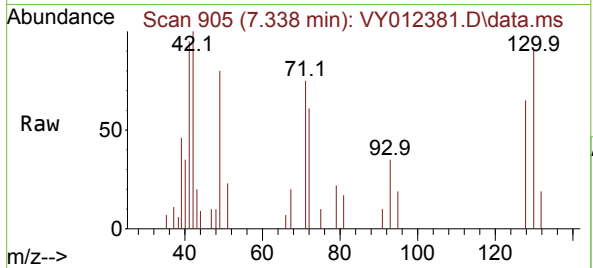




#28
Bromochloromethane
Concen: 2.848 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

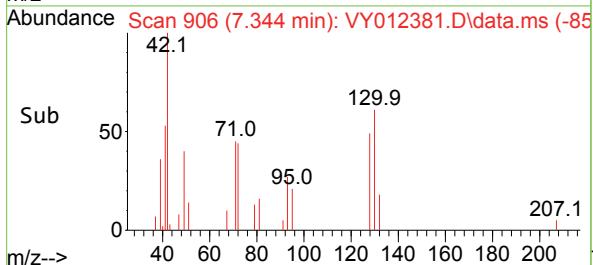
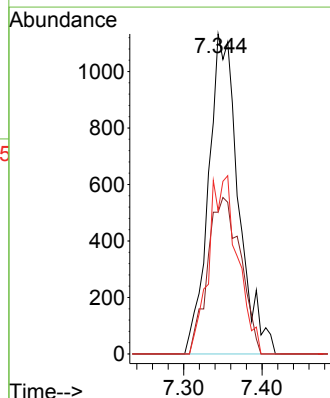
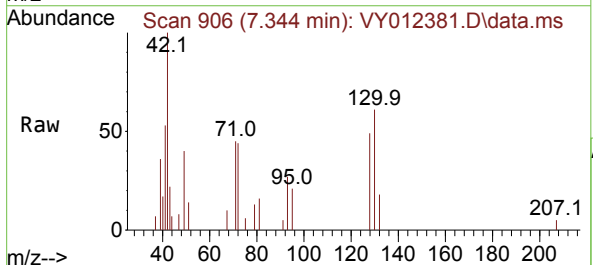
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

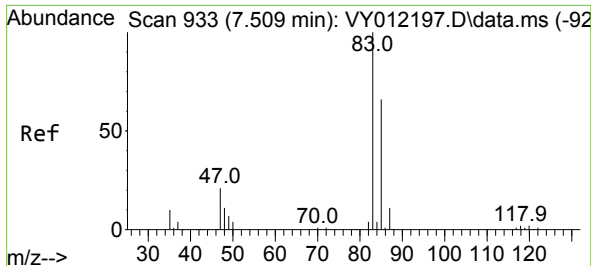
Tgt Ion: 49 Resp: 1504
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 134.9 66.7 100.1#



#29
Tetrahydrofuran
Concen: 11.571 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 42 Resp: 3009
Ion Ratio Lower Upper
42 100
72 53.7 37.0 55.6
71 53.9 34.9 52.3#

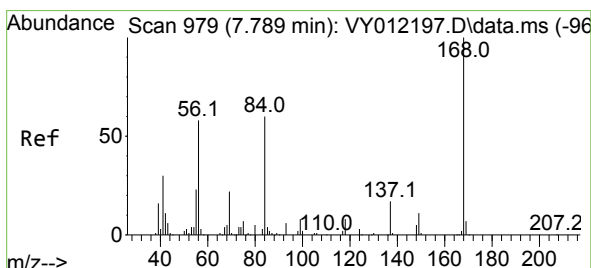
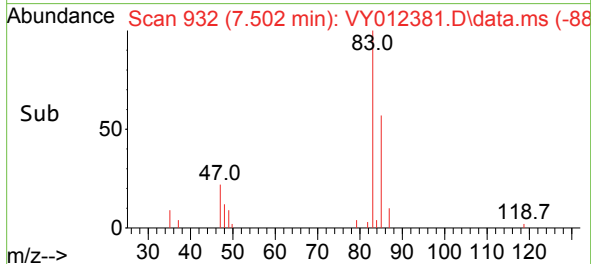
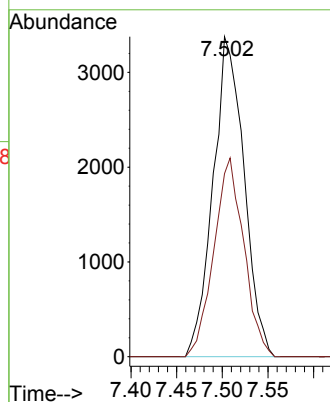
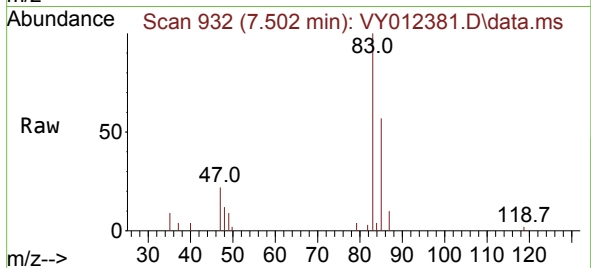




#30
Chloroform
Concen: 2.790 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

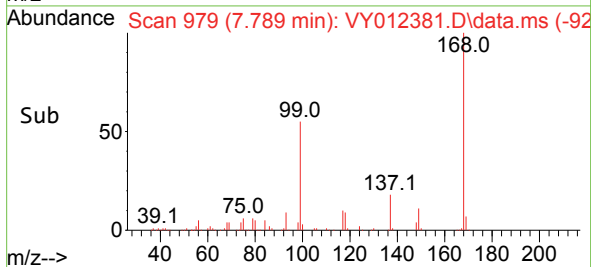
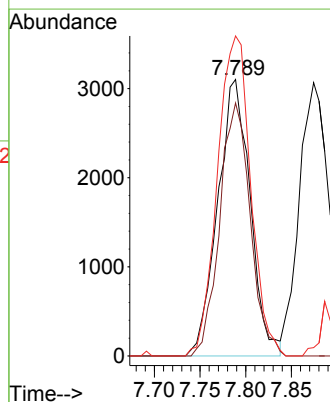
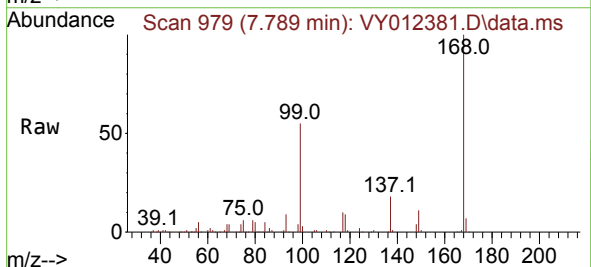
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

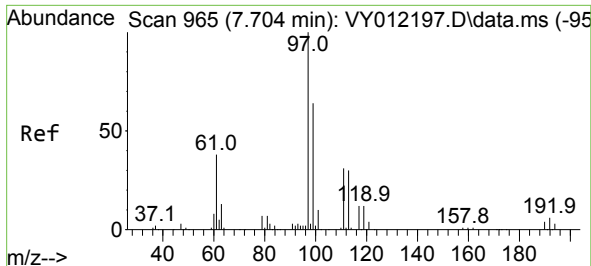
Tgt Ion: 83 Resp: 7966
Ion Ratio Lower Upper
83 100
85 57.2 51.5 77.3



#31
Cyclohexane
Concen: 3.423 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 56 Resp: 7685
Ion Ratio Lower Upper
56 100
69 91.5 29.2 43.8#
84 115.7 72.6 108.8#

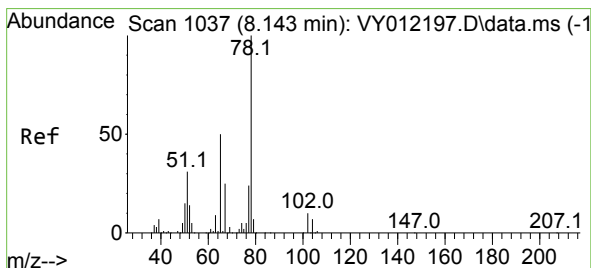
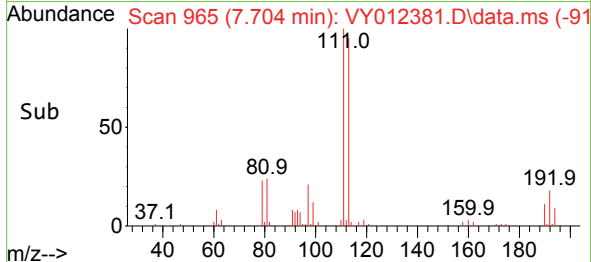
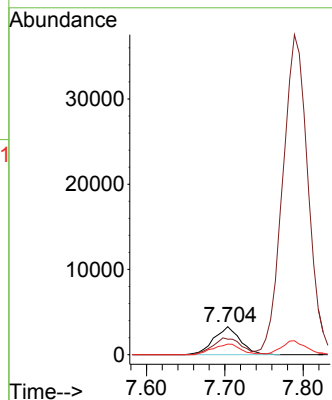
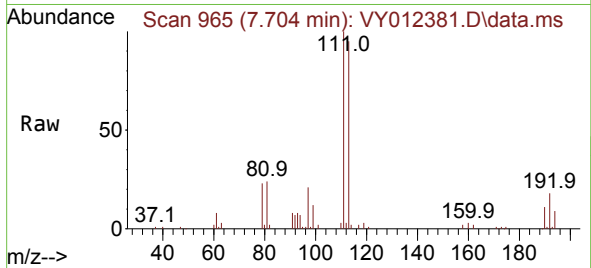




#32
1,1,1-Trichloroethane
Concen: 2.710 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

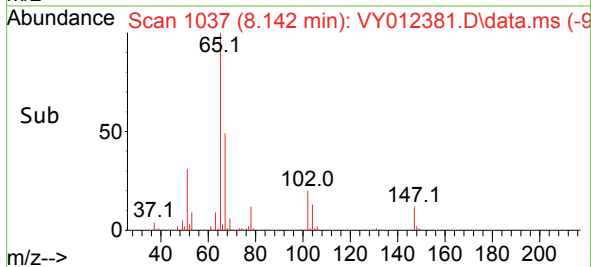
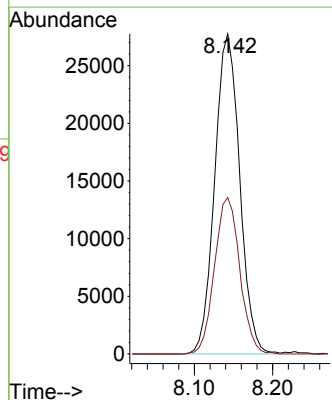
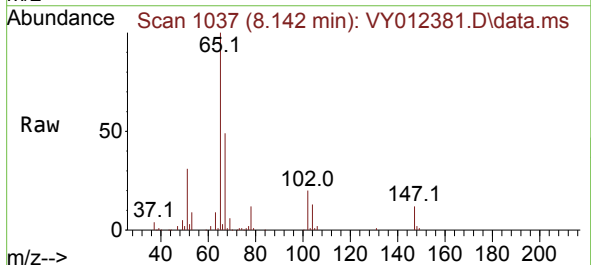
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

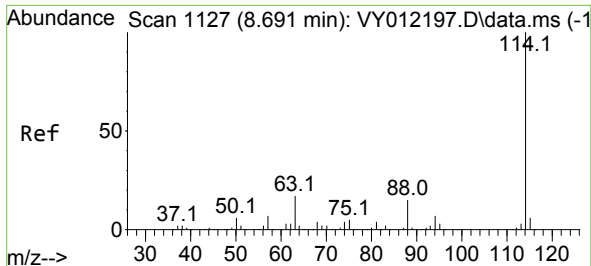
Tgt Ion: 97 Resp: 7659
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 40.5 33.0 49.4



#33
1,2-Dichloroethane-d4
Concen: 48.006 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 65 Resp: 61480
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

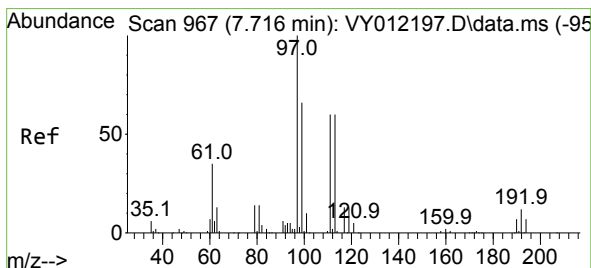
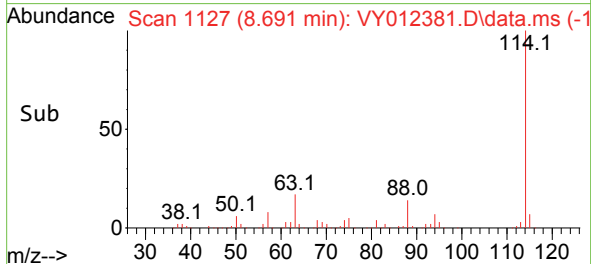
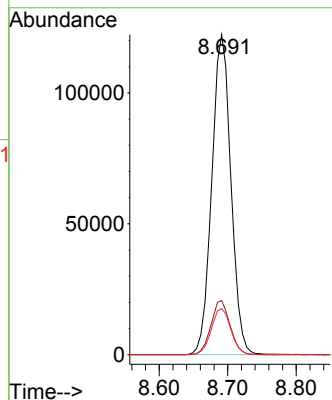
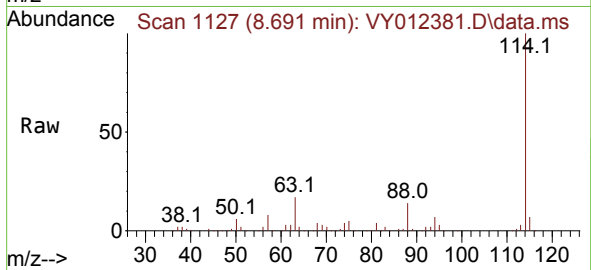
Tgt Ion:114 Resp: 236550

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.539 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

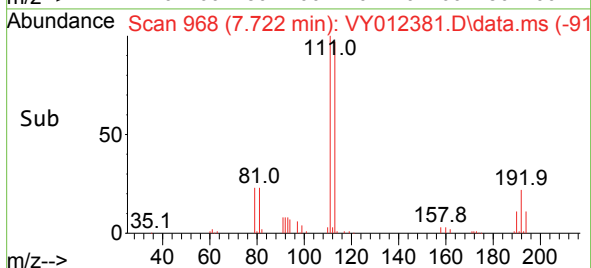
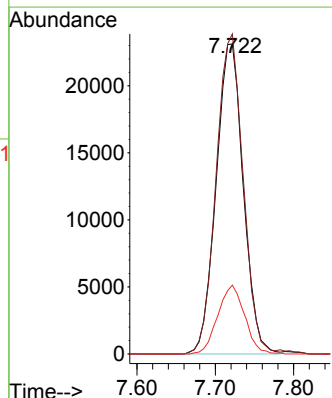
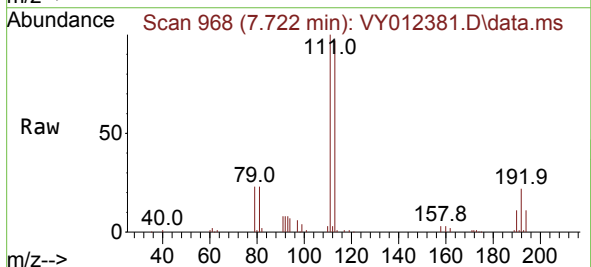
Tgt Ion:113 Resp: 55787

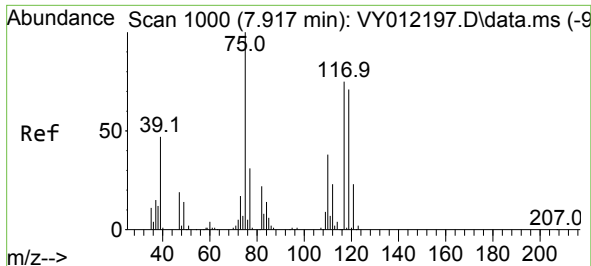
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 2.626 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

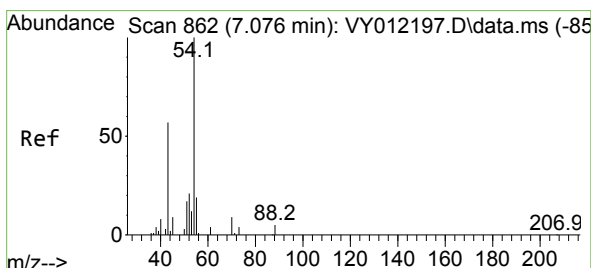
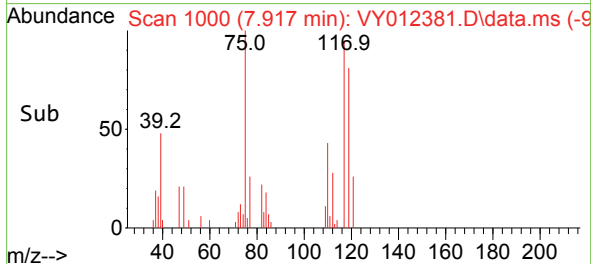
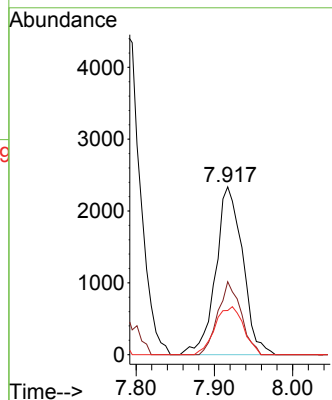
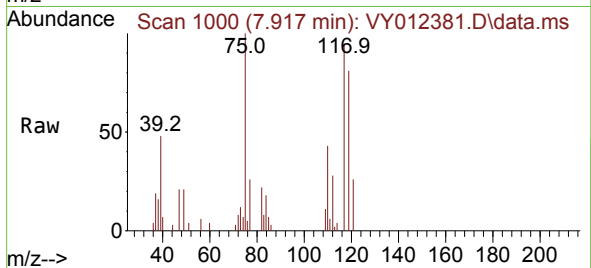
Tgt Ion: 75 Resp: 5591

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.1

77 30.2 25.1 37.7



#37

Ethyl Acetate

Concen: 2.335 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.012 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

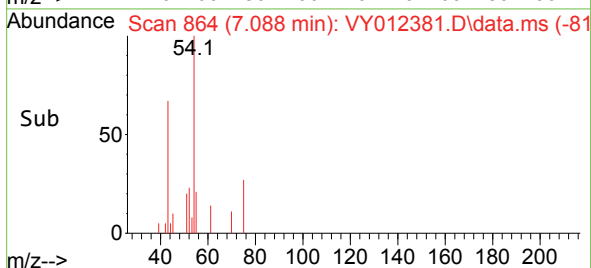
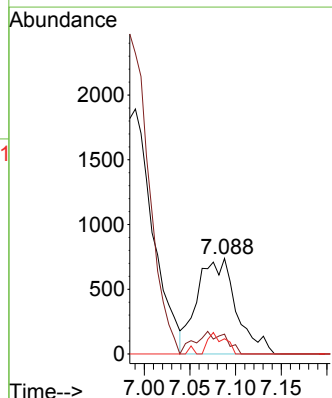
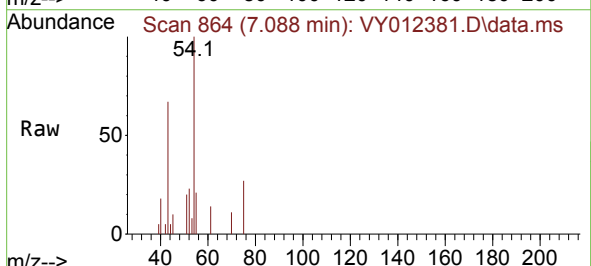
Tgt Ion: 43 Resp: 2191

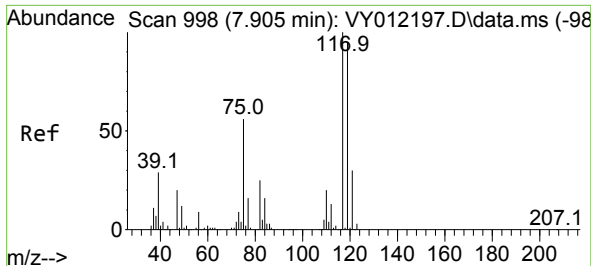
Ion Ratio Lower Upper

43 100

61 18.4 11.3 16.9#

70 9.7 8.2 12.4

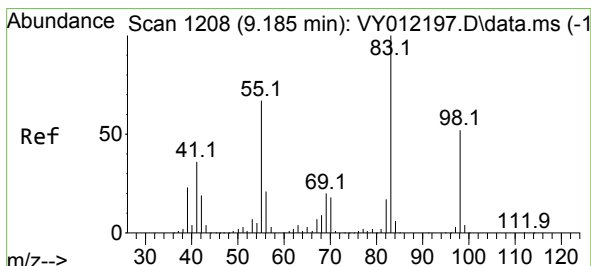
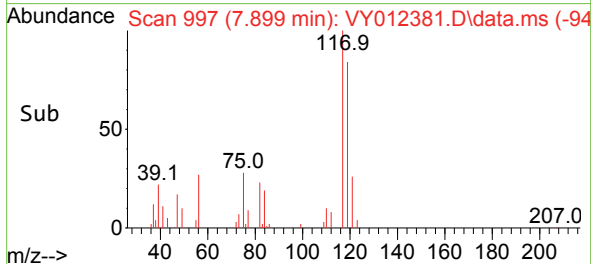
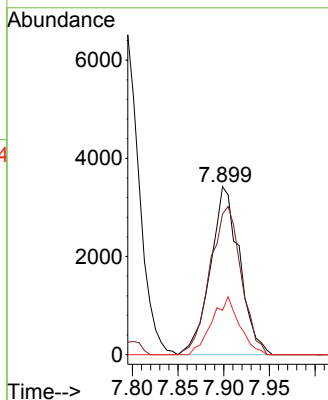
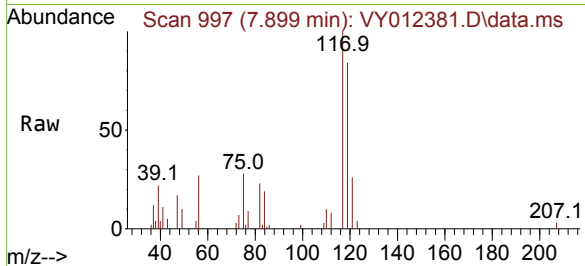




#38
Carbon Tetrachloride
Concen: 2.771 ug/l
RT: 7.899 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

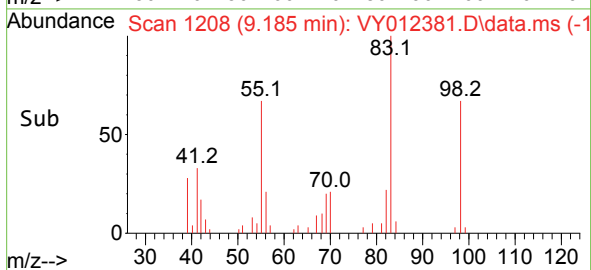
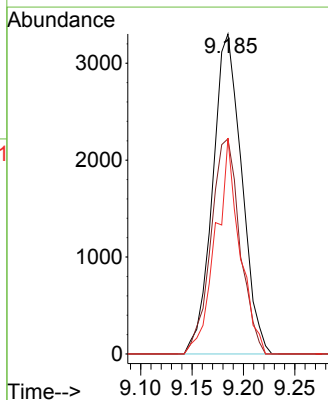
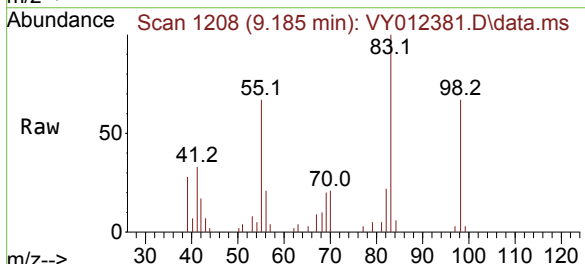
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

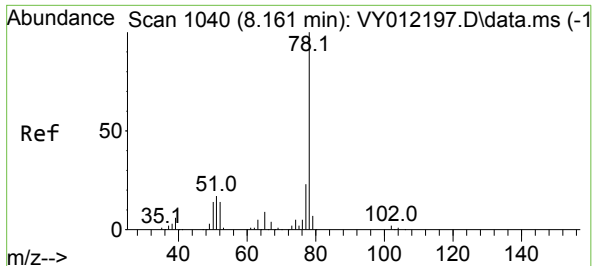
Tgt Ion:	117	Resp:	7617
Ion	Ratio	Lower	Upper
117	100		
119	83.8	73.8	110.8
121	26.4	25.2	37.8



#39
Methylcyclohexane
Concen: 2.494 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion:	83	Resp:	6489
Ion	Ratio	Lower	Upper
83	100		
55	67.3	58.2	87.2
98	67.5	38.6	58.0

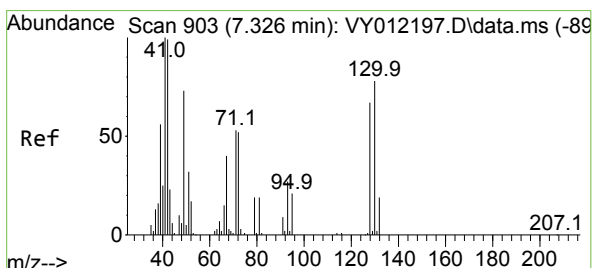
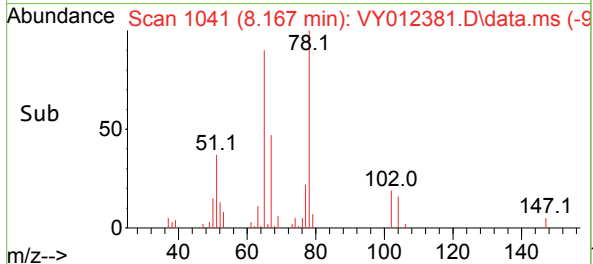
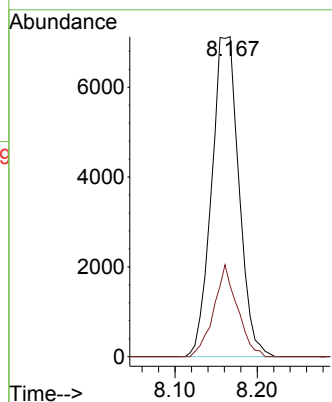
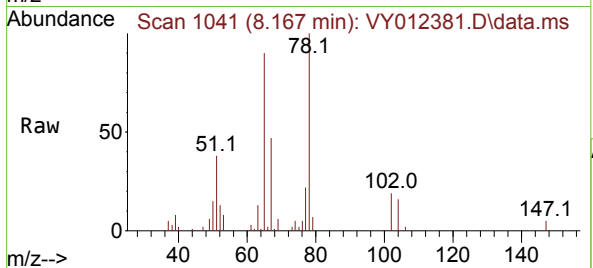




#40
Benzene
Concen: 2.674 ug/l
RT: 8.167 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

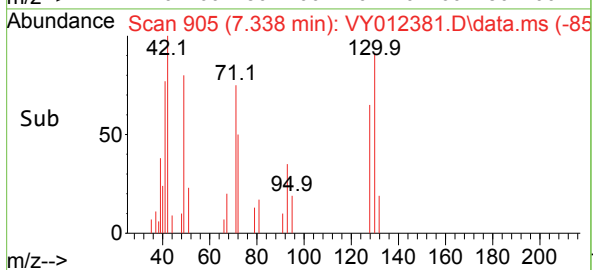
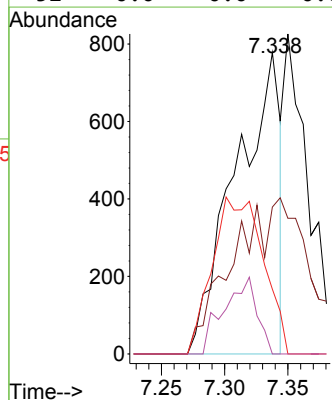
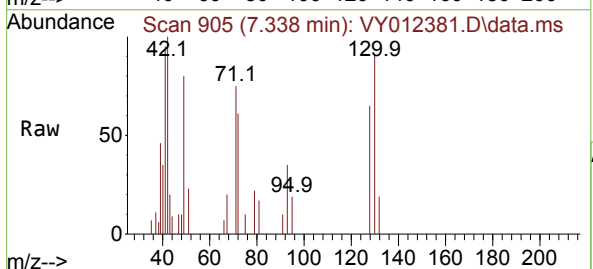
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

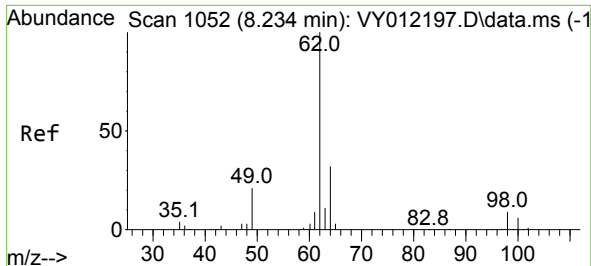
Tgt Ion: 78 Resp: 16429
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8



#41
Methacrylonitrile
Concen: 3.461 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 41 Resp: 1909
Ion Ratio Lower Upper
41 100
39 84.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 2.683 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

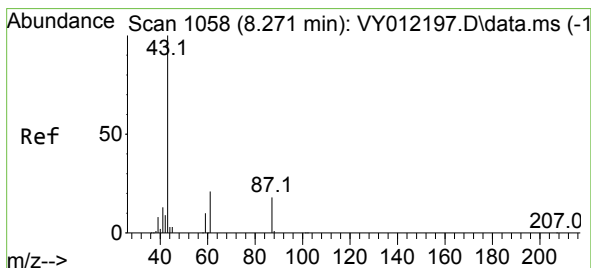
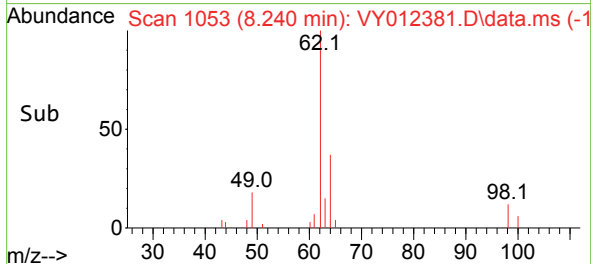
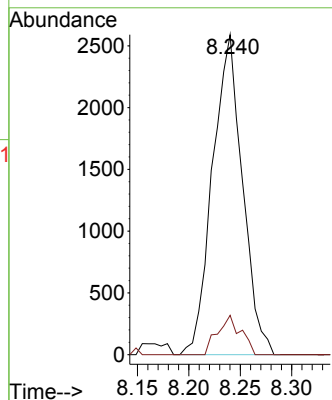
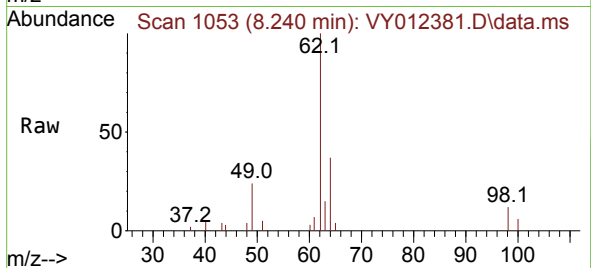
MDL07

Tgt Ion: 62 Resp: 5248

Ion Ratio Lower Upper

62 100

98 9.5 0.0 19.6



#43

Isopropyl Acetate

Concen: 2.207 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

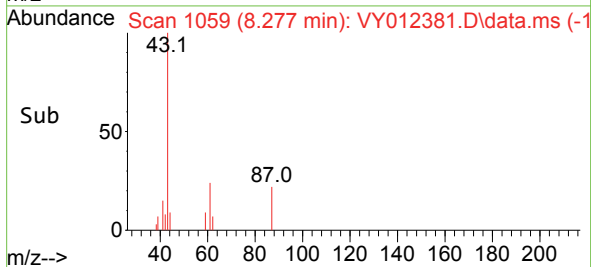
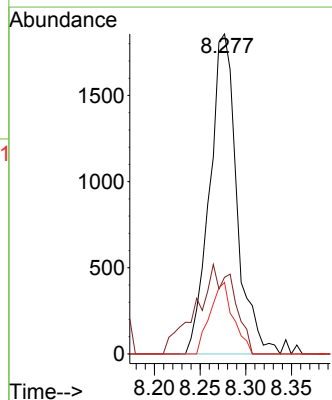
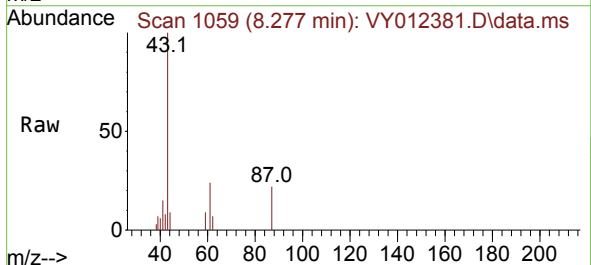
Tgt Ion: 43 Resp: 3853

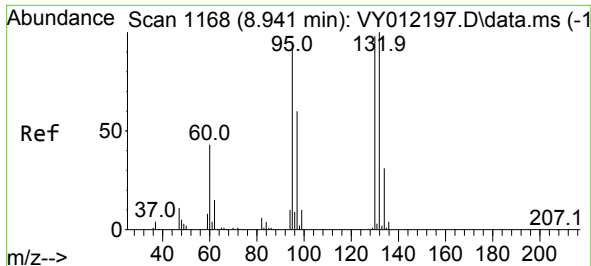
Ion Ratio Lower Upper

43 100

61 39.0 24.4 36.6#

87 19.2 11.4 17.2#

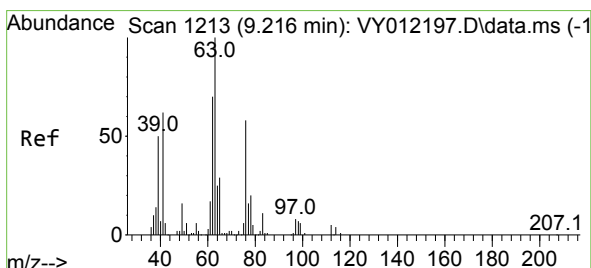
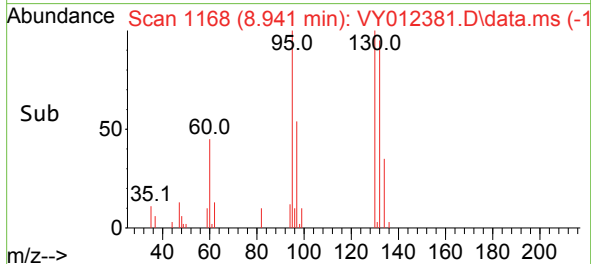
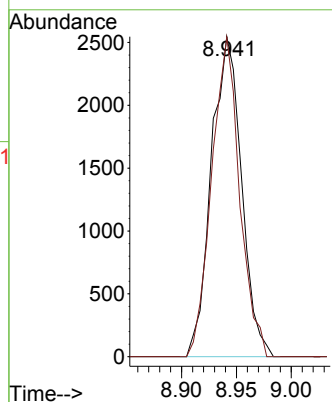
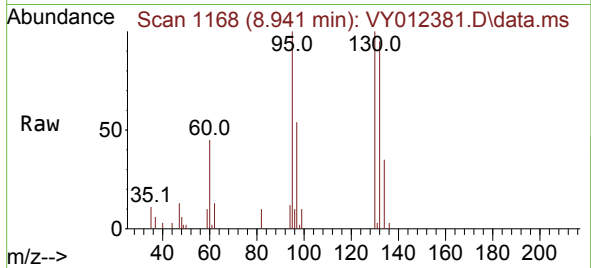




#44
Trichloroethene
Concen: 2.657 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

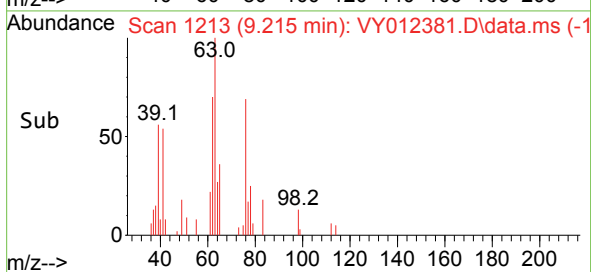
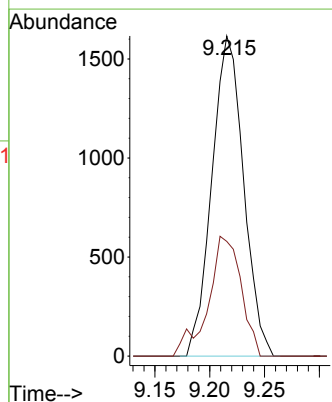
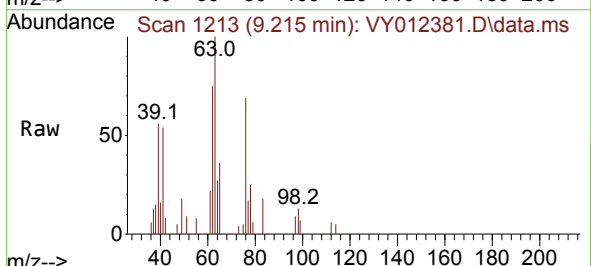
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

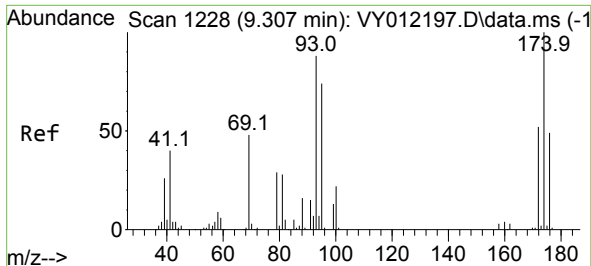
Tgt Ion:130 Resp: 4879
Ion Ratio Lower Upper
130 100
95 99.8 0.0 190.6



#45
1,2-Dichloropropane
Concen: 2.534 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 63 Resp: 3248
Ion Ratio Lower Upper
63 100
65 35.8 24.9 37.3

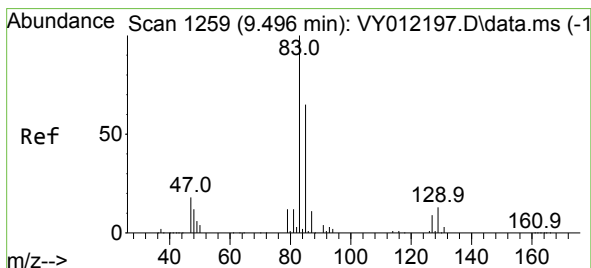
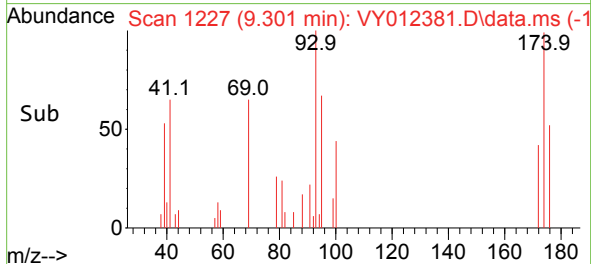
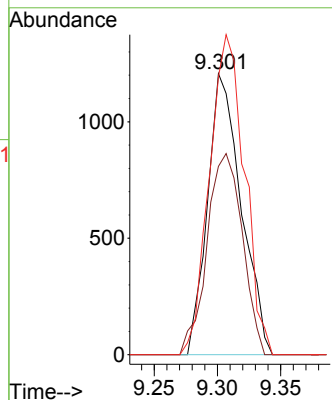
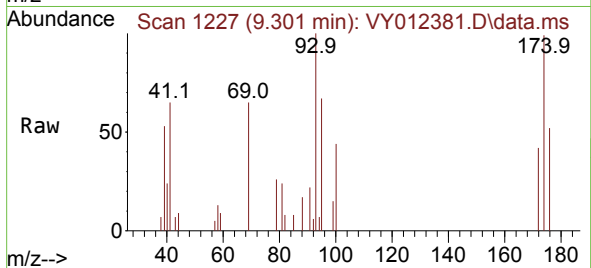




#46
Dibromomethane
Concen: 2.609 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

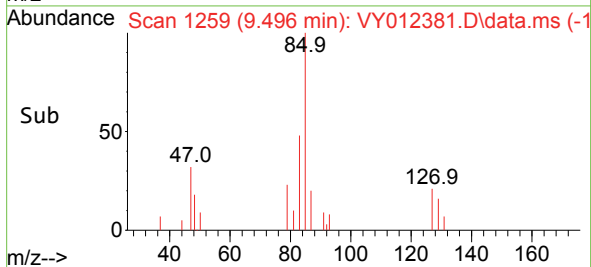
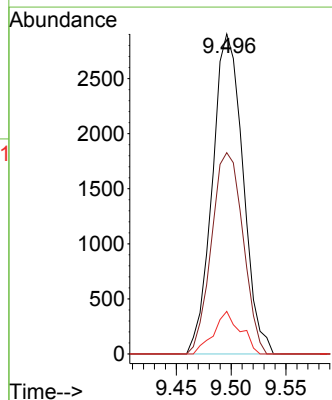
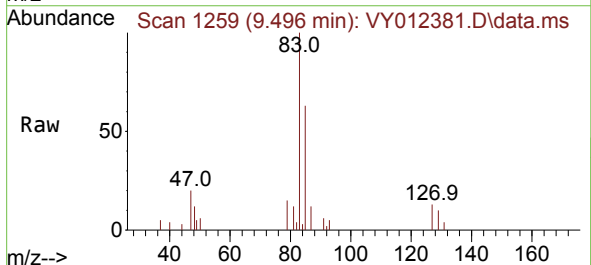
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

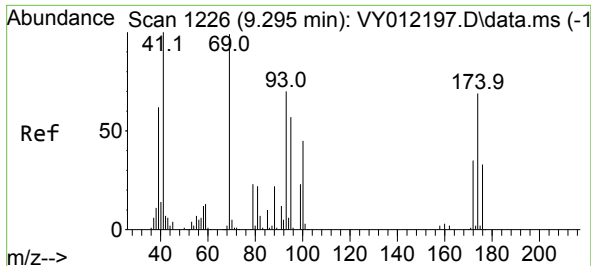
Tgt Ion: 93 Resp: 2239
Ion Ratio Lower Upper
93 100
95 74.9 66.1 99.1
174 118.0 84.7 127.1



#47
Bromodichloromethane
Concen: 2.611 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 83 Resp: 5641
Ion Ratio Lower Upper
83 100
85 62.9 52.0 78.0
127 13.3 7.3 10.9#





#48

Methyl methacrylate

Concen: 2.143 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

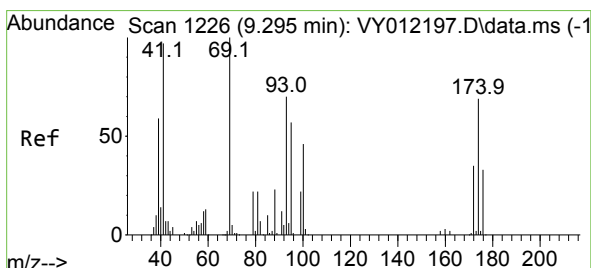
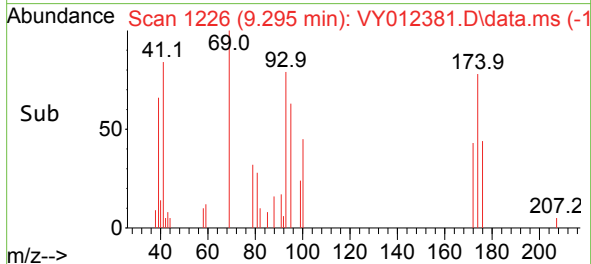
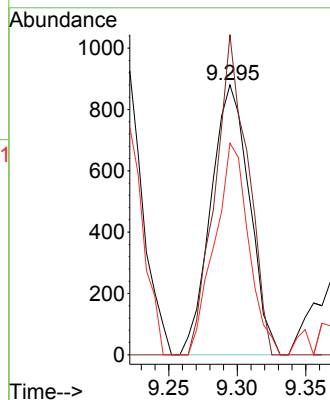
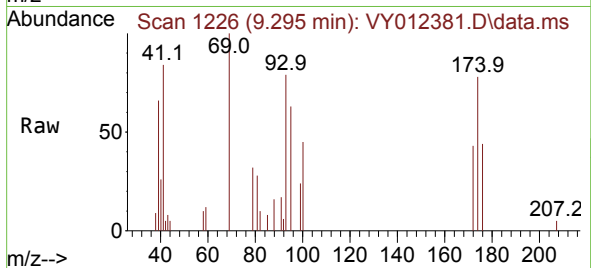
Tgt Ion: 41 Resp: 1724

Ion Ratio Lower Upper

41 100

69 100.9 74.2 111.2

39 69.2 46.3 69.5



#49

1,4-Dioxane

Concen: 47.628 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

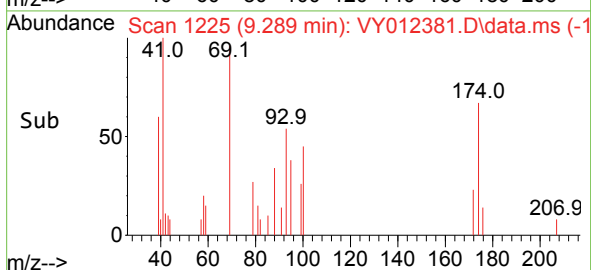
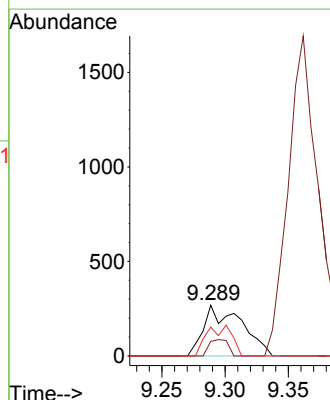
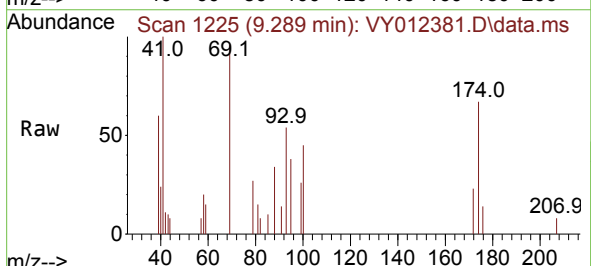
Tgt Ion: 88 Resp: 557

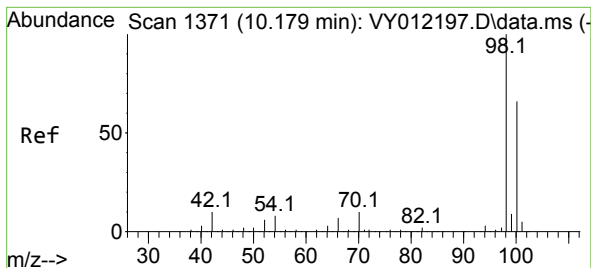
Ion Ratio Lower Upper

88 100

43 16.2 26.2 39.2#

58 39.9 54.3 81.5#





#50

Toluene-d8

Concen: 45.682 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

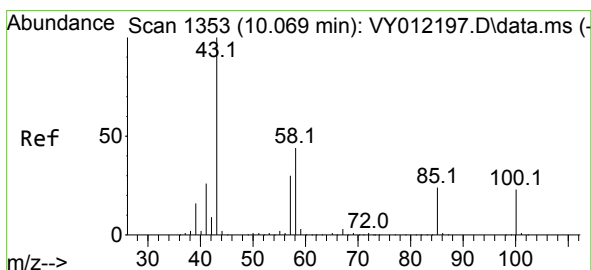
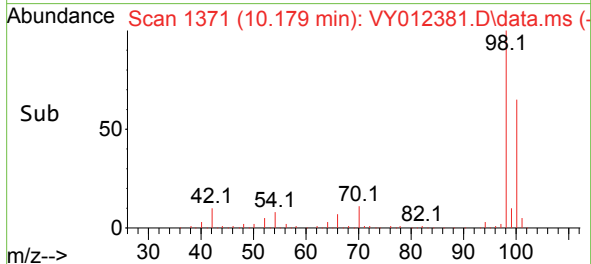
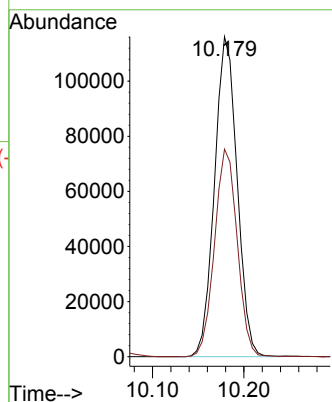
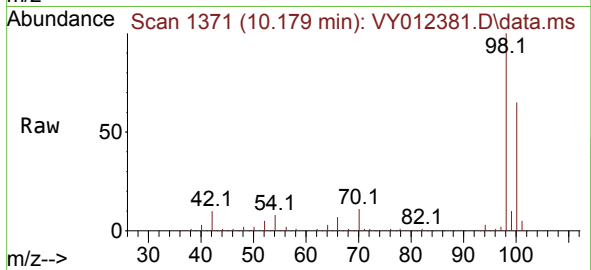
MDL07

Tgt Ion: 98 Resp: 199872

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 10.492 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012381.D

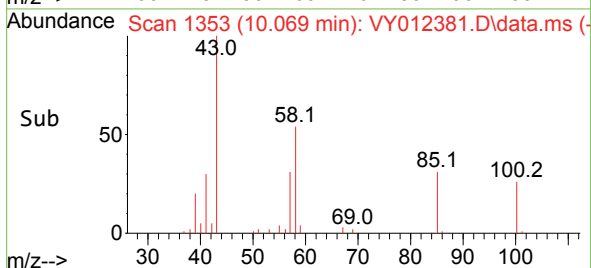
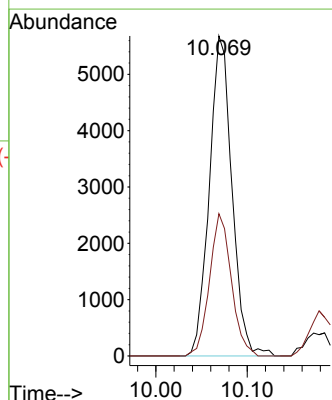
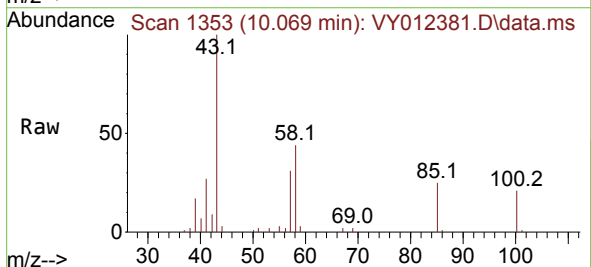
Acq: 27 Jan 2023 14:18

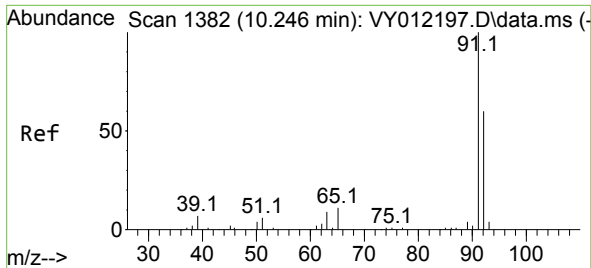
Tgt Ion: 43 Resp: 9768

Ion Ratio Lower Upper

43 100

58 42.8 32.9 49.3

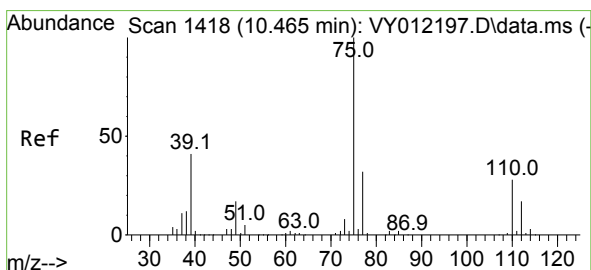
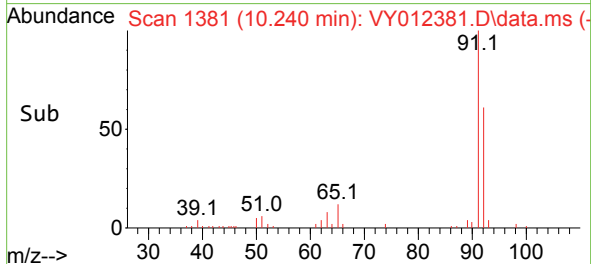
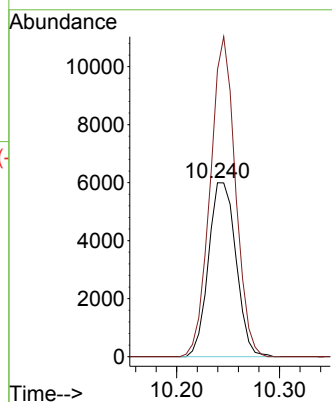
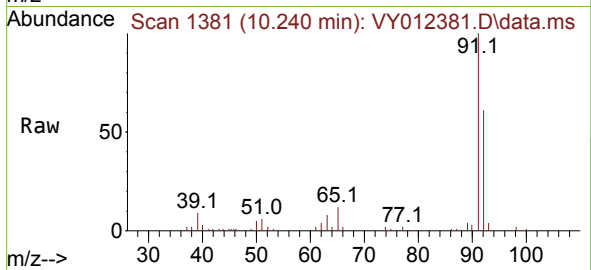




#52
Toluene
Concen: 2.722 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

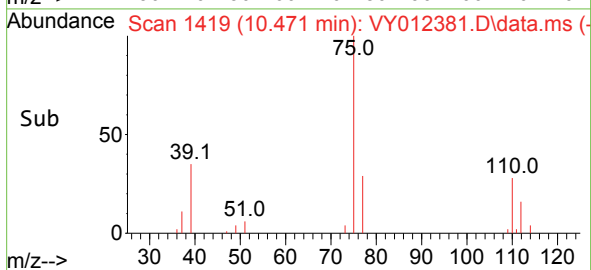
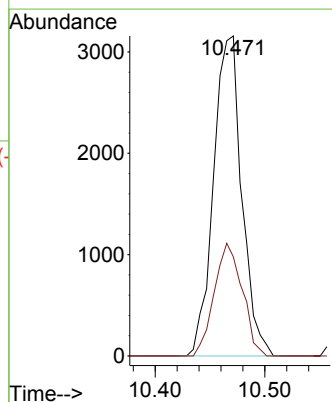
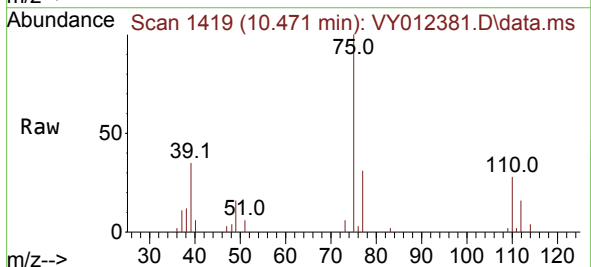
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

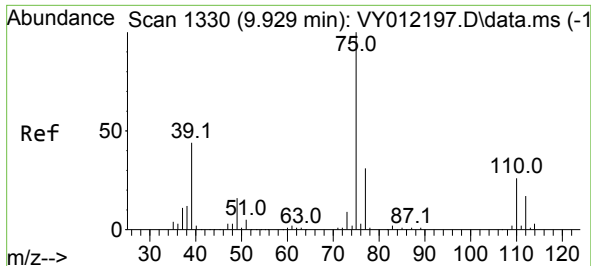
Tgt Ion: 92 Resp: 11136
Ion Ratio Lower Upper
92 100
91 168.5 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 2.502 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 75 Resp: 5654
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8

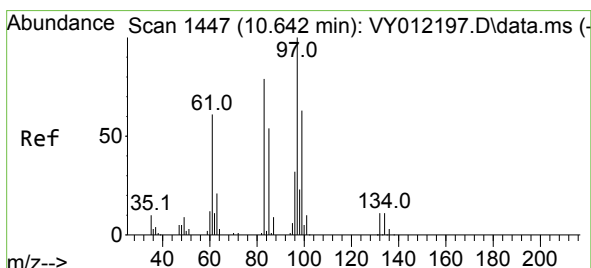
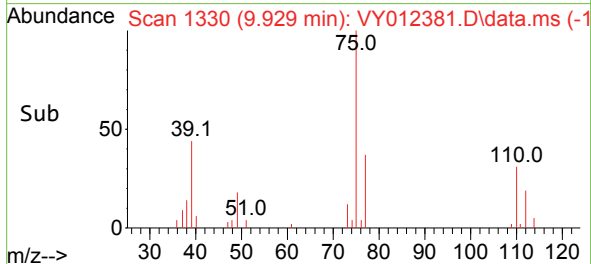
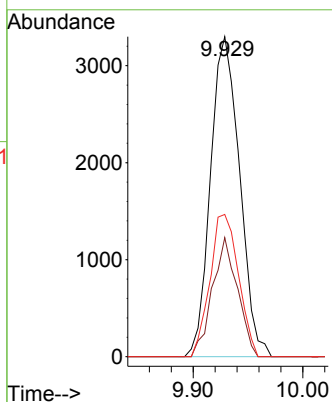
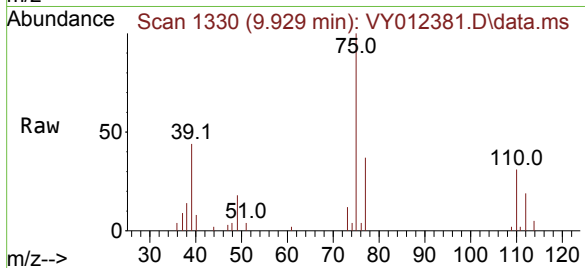




#54
 cis-1,3-Dichloropropene
 Concen: 2.497 ug/l
 RT: 9.929 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

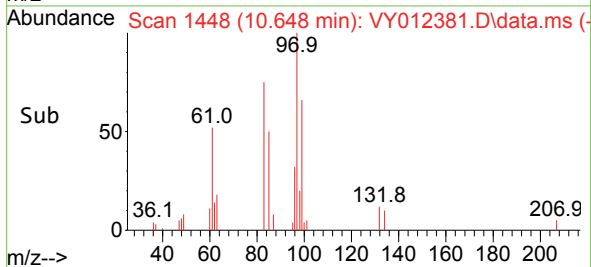
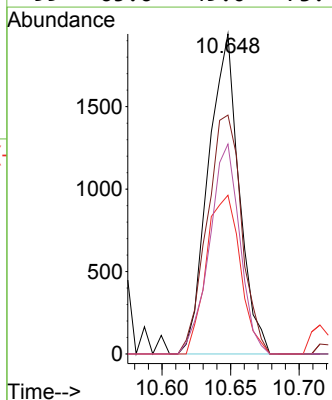
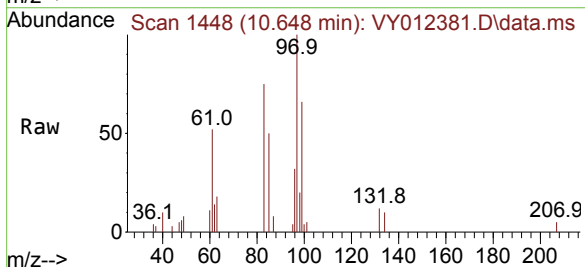
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

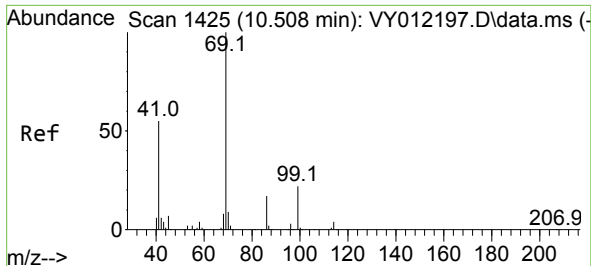
Tgt Ion:	75	Resp:	6078
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.9	38.9
39	44.5	34.6	52.0



#55
 1,1,2-Trichloroethane
 Concen: 2.487 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

Tgt Ion:	97	Resp:	3033
Ion	Ratio	Lower	Upper
97	100		
83	74.7	67.7	101.5
85	49.6	43.8	65.8
99	65.6	49.0	73.4

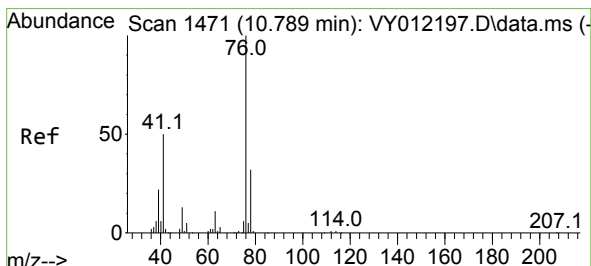
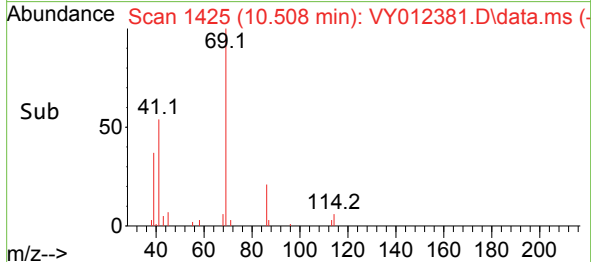
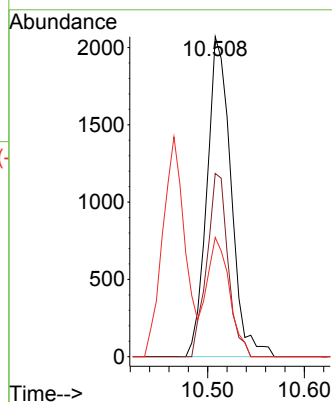
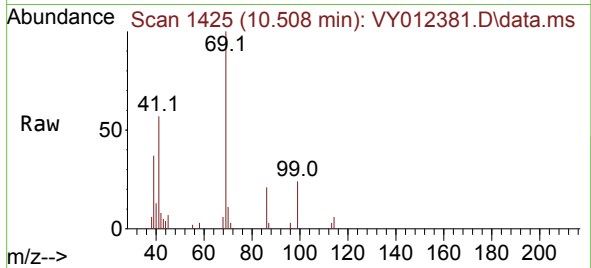




#56
Ethyl methacrylate
Concen: 2.238 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

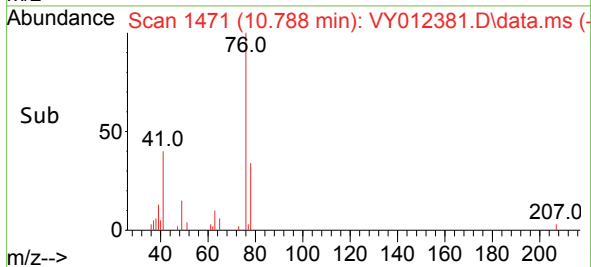
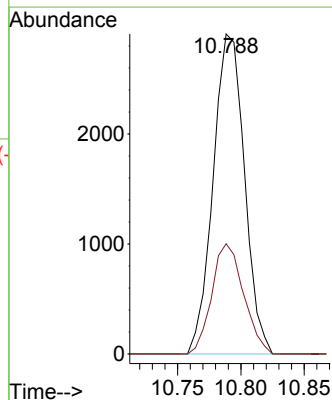
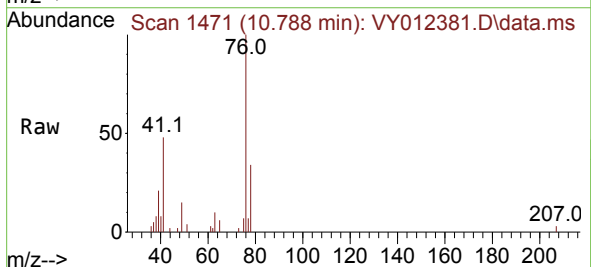
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

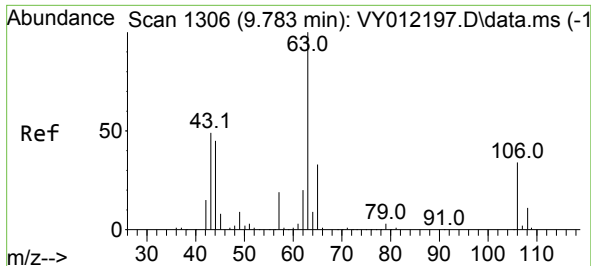
Tgt Ion: 69	Resp: 3580
Ion Ratio	Lower Upper
69 100	
41 50.5	48.9 73.3
39 35.2	25.9 38.9



#57
1,3-Dichloropropane
Concen: 2.512 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 76	Resp: 5002		
Ion Ratio	Lower	Upper	
76 100			
78 35.0	25.8	38.8	

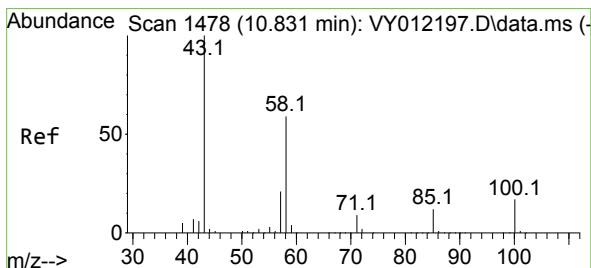
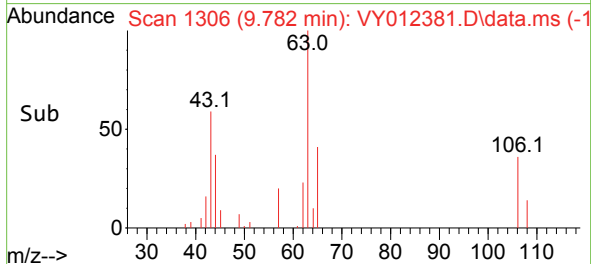
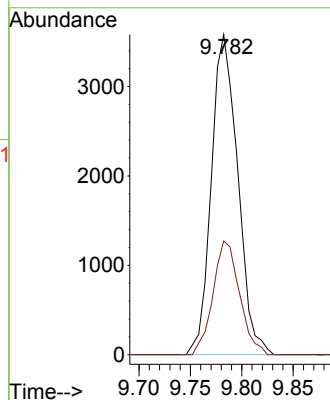
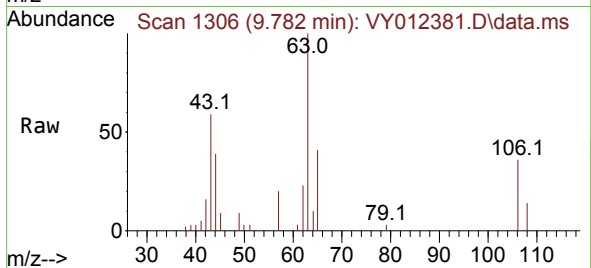




#58
2-Chloroethyl Vinyl ether
Concen: 12.076 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

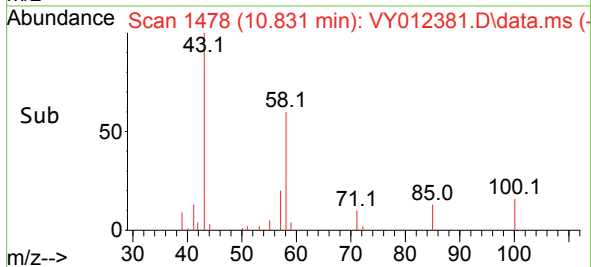
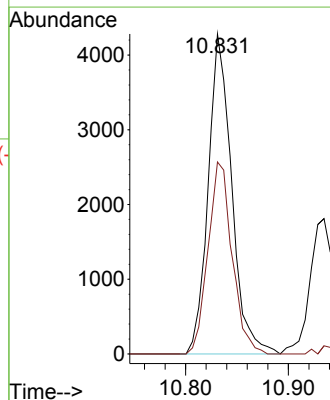
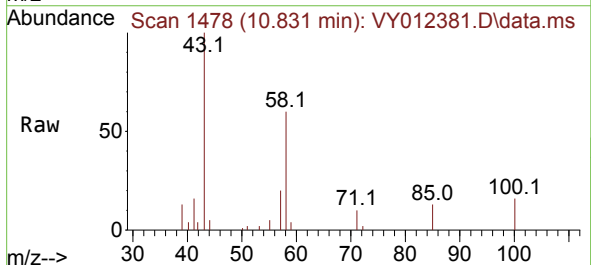
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

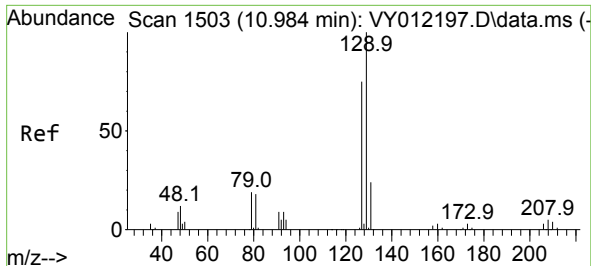
Tgt Ion: 63 Resp: 6392
Ion Ratio Lower Upper
63 100
106 35.8 23.2 34.8#



#59
2-Hexanone
Concen: 9.588 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 43 Resp: 6796
Ion Ratio Lower Upper
43 100
58 61.6 28.4 85.2

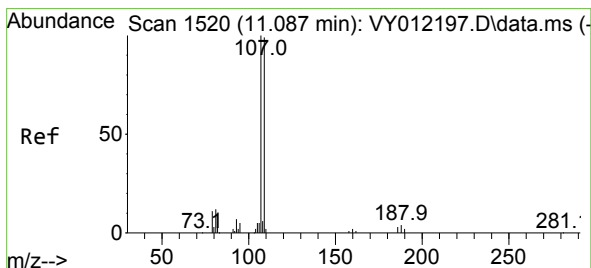
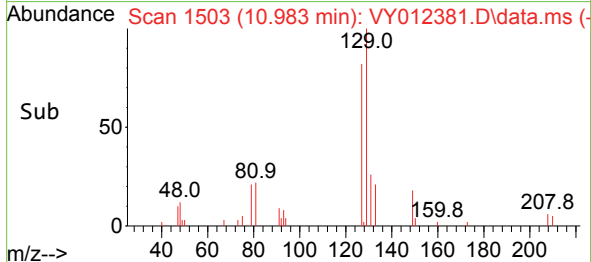
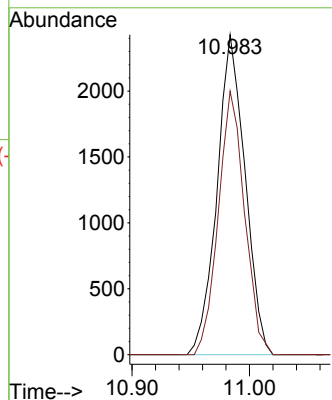
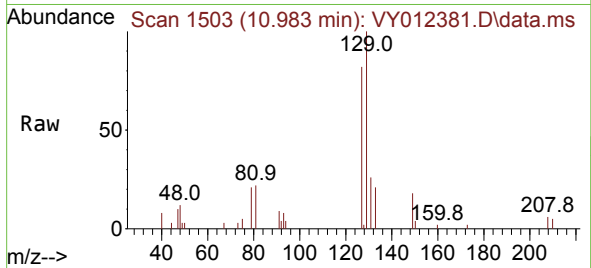




#60
Dibromochloromethane
Concen: 2.490 ug/l
RT: 10.983 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

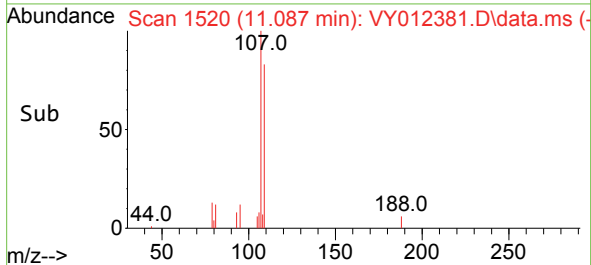
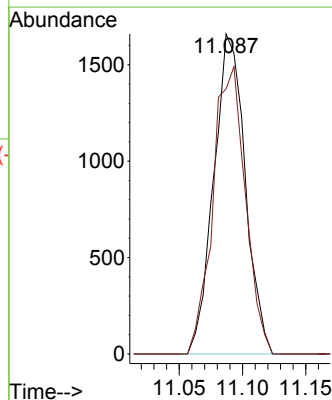
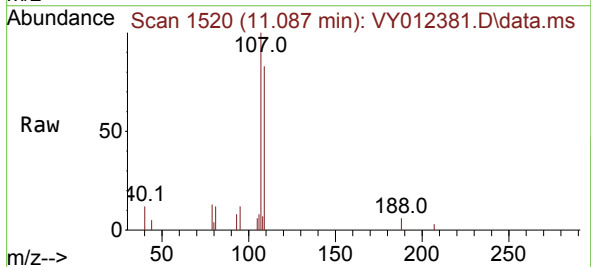
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

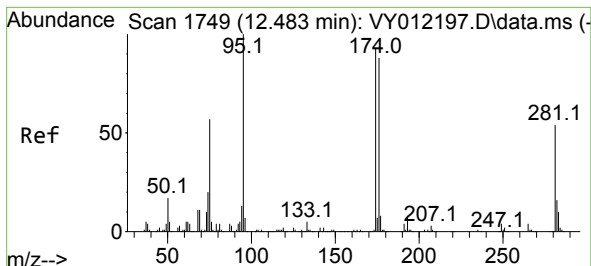
Tgt Ion:129 Resp: 4027
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6



#61
1,2-Dibromoethane
Concen: 2.433 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion:107 Resp: 2863
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.6

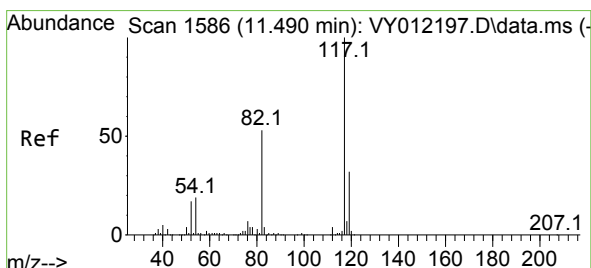
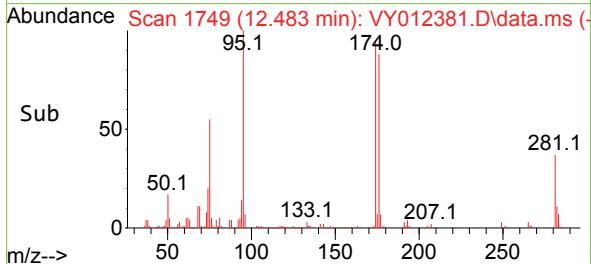
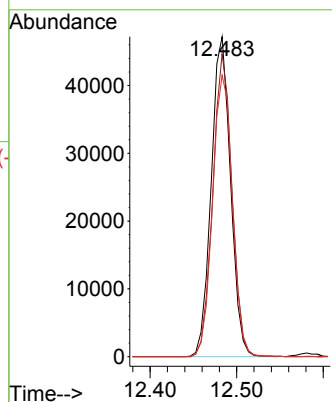
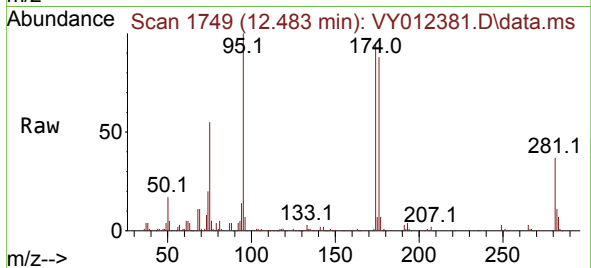




#62
4-Bromofluorobenzene
Concen: 41.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

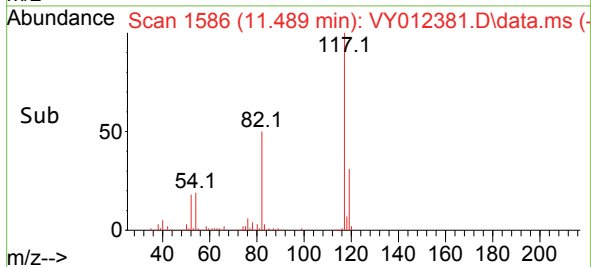
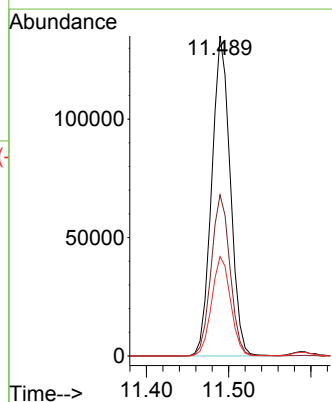
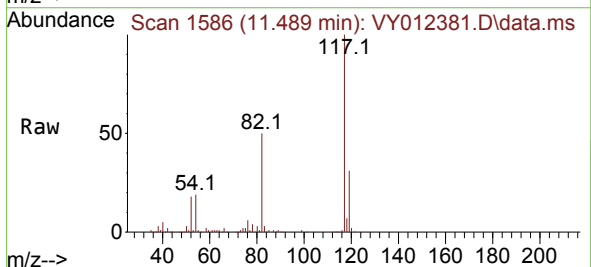
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

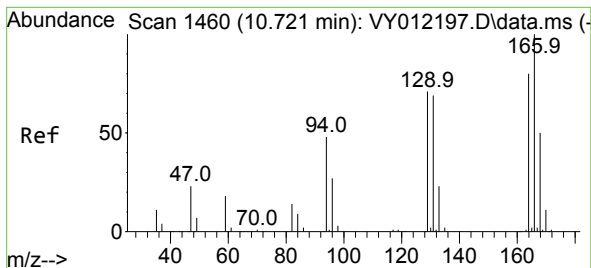
Tgt Ion: 95 Resp: 73016
Ion Ratio Lower Upper
95 100
174 93.9 0.0 172.0
176 91.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 117 Resp: 211549
Ion Ratio Lower Upper
117 100
82 50.3 44.8 67.2
119 31.0 25.4 38.2





#64

Tetrachloroethene

Concen: 2.789 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tgt Ion:164 Resp: 5383

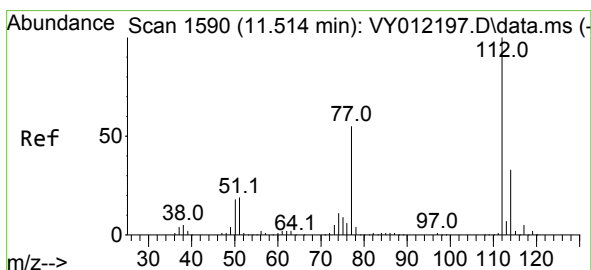
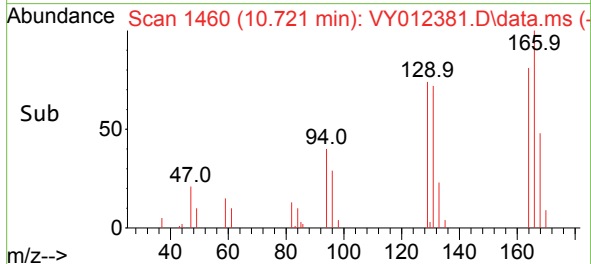
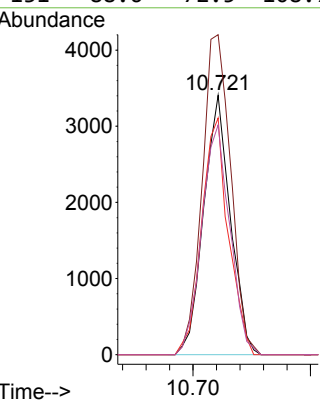
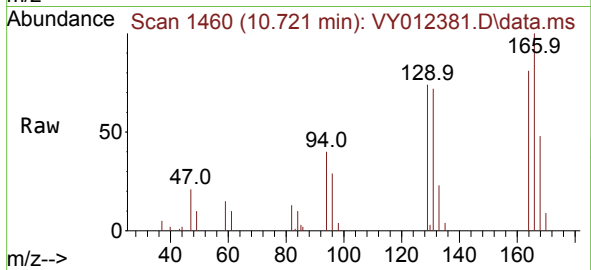
Ion Ratio Lower Upper

164 100

166 123.4 102.3 153.5

129 91.3 77.2 115.8

131 88.6 72.5 108.7



#65

Chlorobenzene

Concen: 2.730 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012381.D

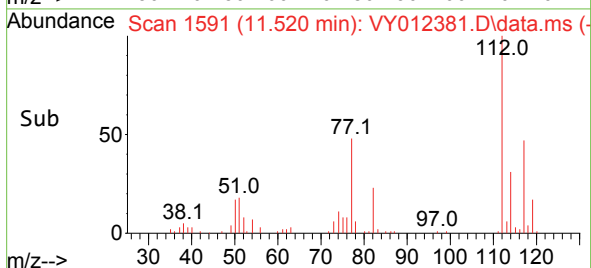
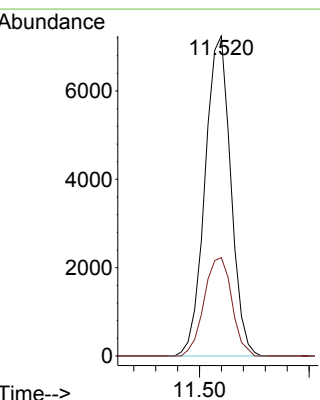
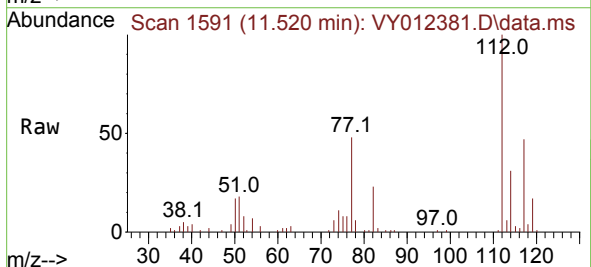
Acq: 27 Jan 2023 14:18

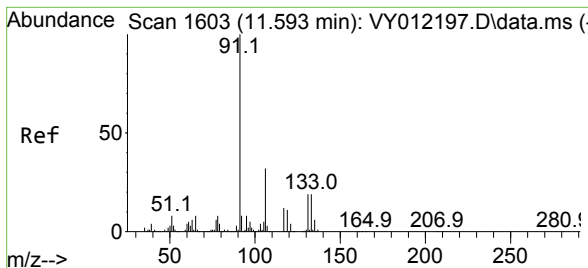
Tgt Ion:112 Resp: 11815

Ion Ratio Lower Upper

112 100

114 30.8 25.3 37.9

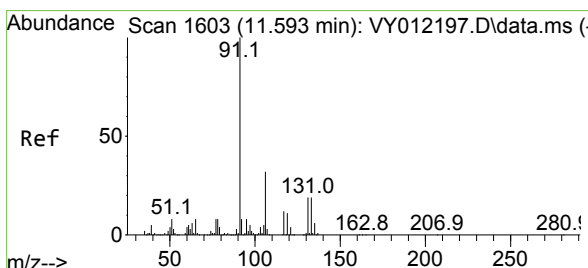
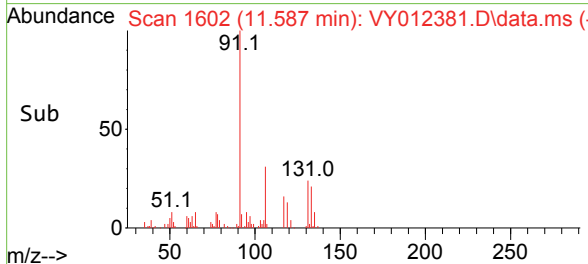
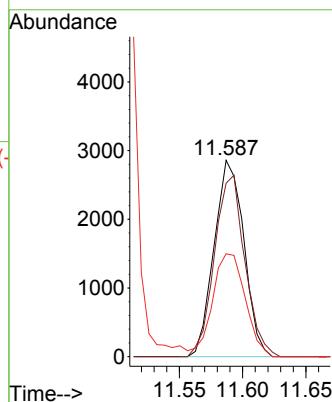
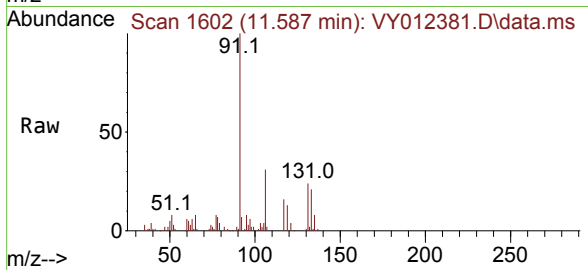




#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.863 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

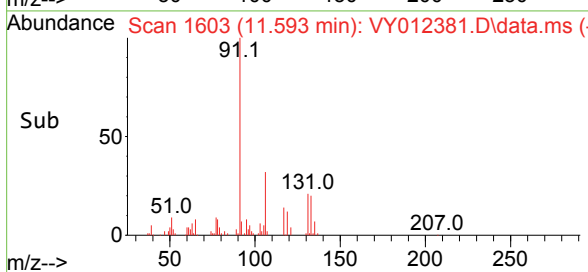
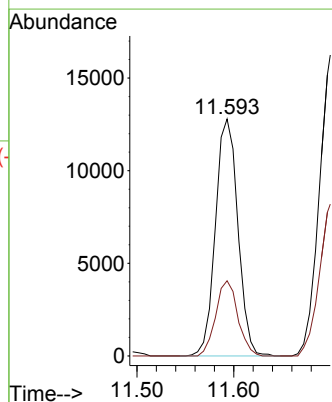
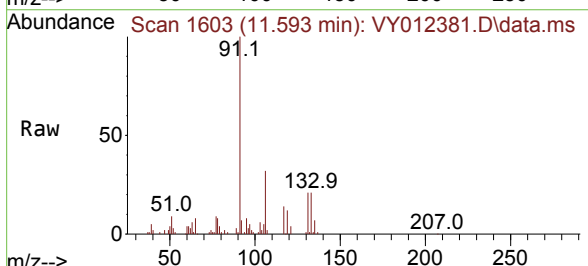
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

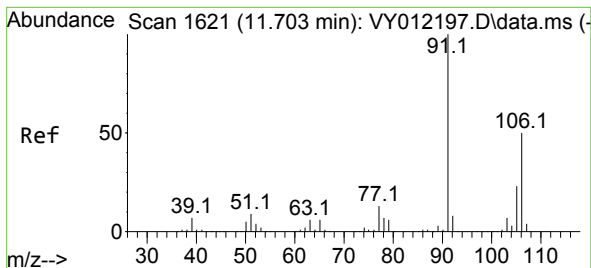
Tgt Ion:131 Resp: 4678
 Ion Ratio Lower Upper
 131 100
 133 94.2 47.3 142.0
 119 57.6 32.1 96.3



#67
 Ethyl Benzene
 Concen: 2.656 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

Tgt Ion: 91 Resp: 20544
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.0 37.4





#68

m/p-Xylenes

Concen: 5.283 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

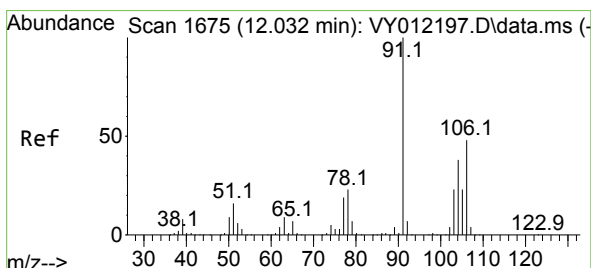
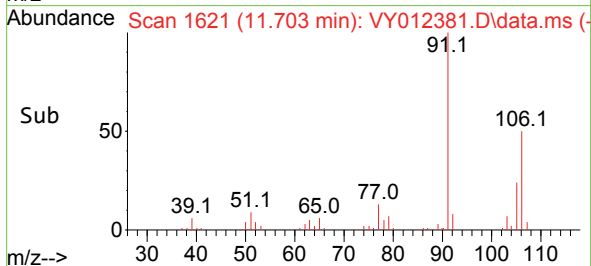
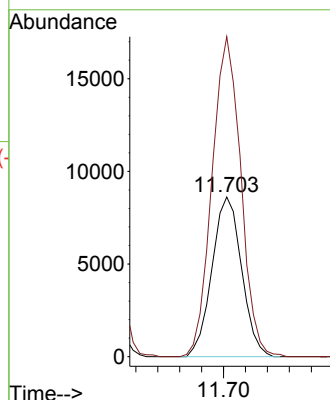
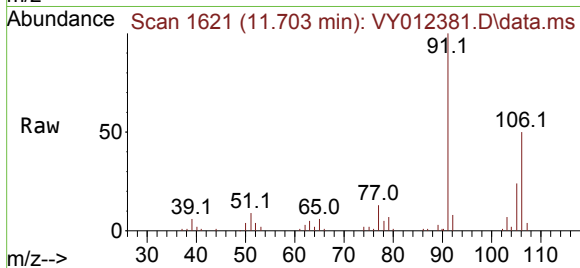
MDL07

Tgt Ion:106 Resp: 16159

Ion Ratio Lower Upper

106 100

91 195.2 162.5 243.7



#69

o-Xylene

Concen: 2.494 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012381.D

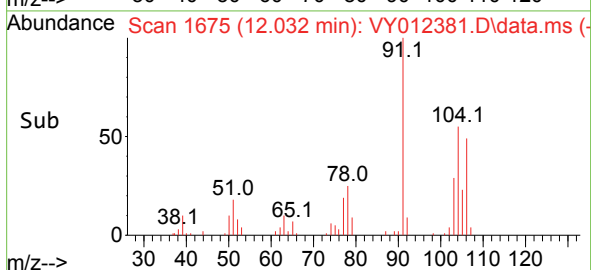
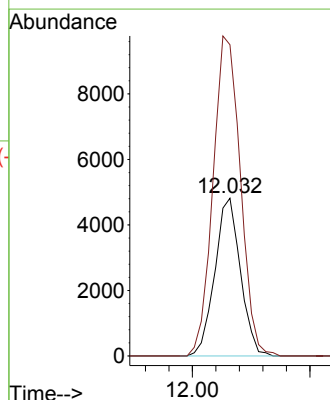
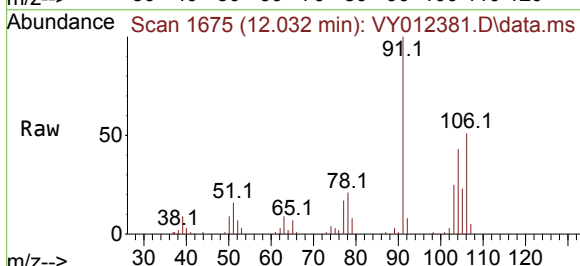
Acq: 27 Jan 2023 14:18

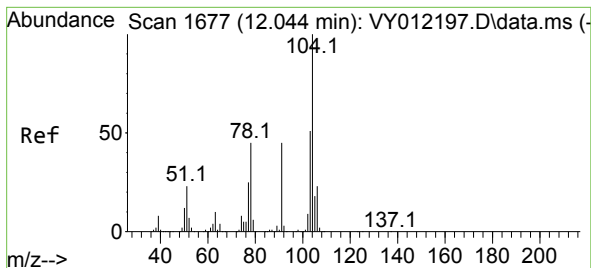
Tgt Ion:106 Resp: 7287

Ion Ratio Lower Upper

106 100

91 216.5 107.5 322.4





#70

Styrene

Concen: 2.650 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

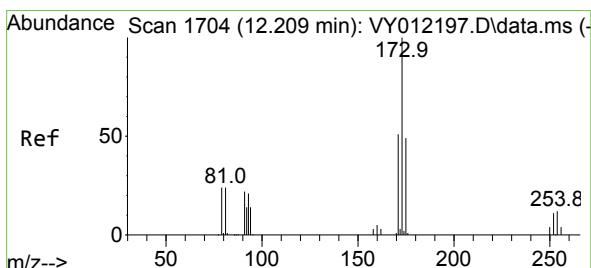
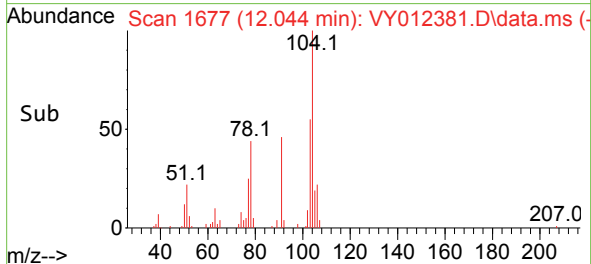
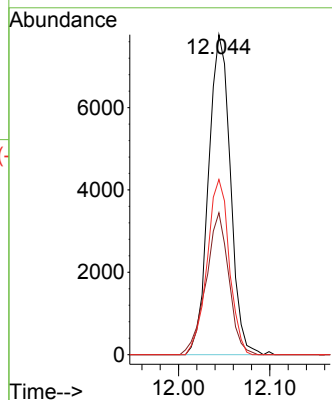
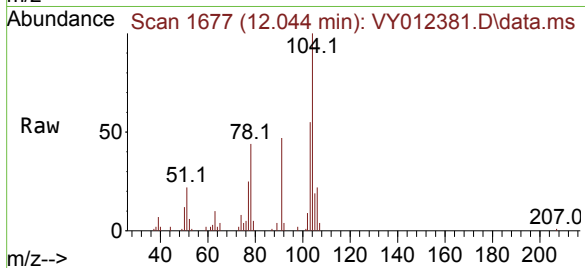
Tgt Ion:104 Resp: 12937

Ion Ratio Lower Upper

104 100

78 46.1 39.4 59.0

103 55.3 43.0 64.4



#71

Bromoform

Concen: 2.622 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

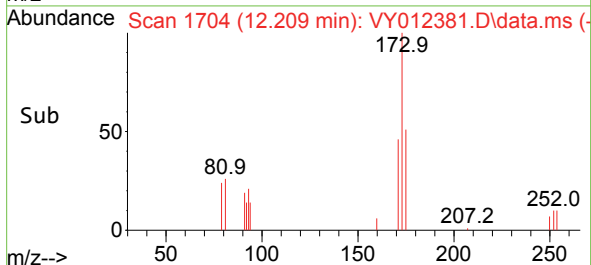
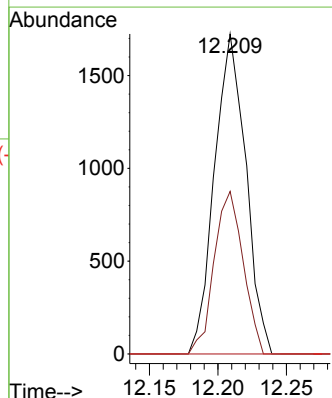
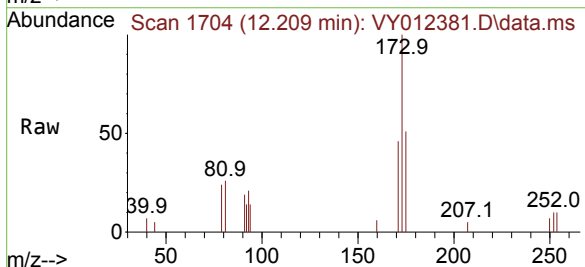
Tgt Ion:173 Resp: 2737

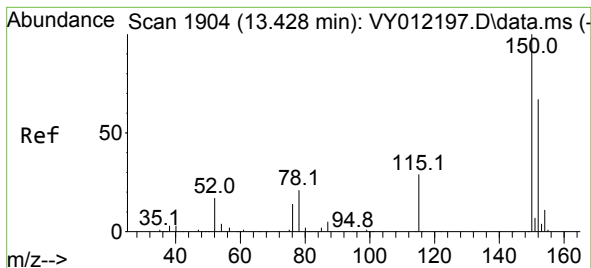
Ion Ratio Lower Upper

173 100

175 47.1 23.8 71.5

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

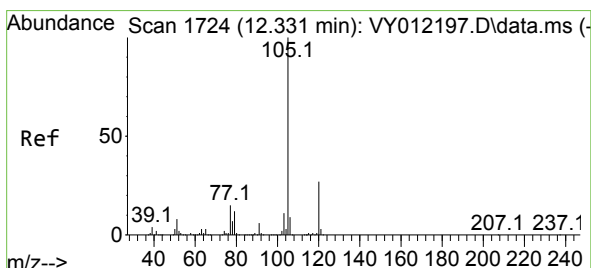
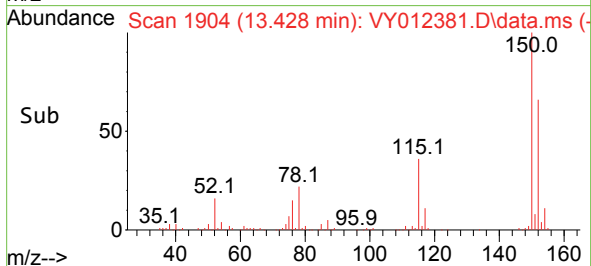
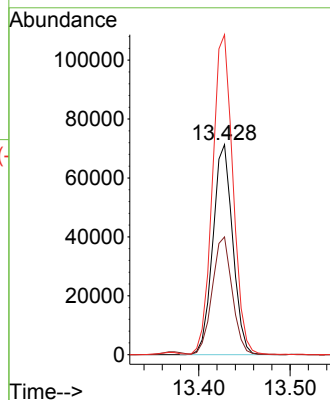
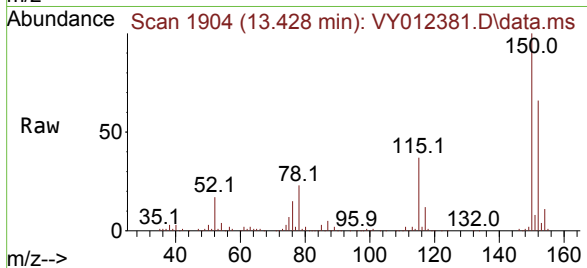
Tgt Ion:152 Resp: 107273

Ion Ratio Lower Upper

152 100

115 56.7 29.1 87.3

150 157.3 0.0 342.6



#73

Isopropylbenzene

Concen: 2.519 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY012381.D

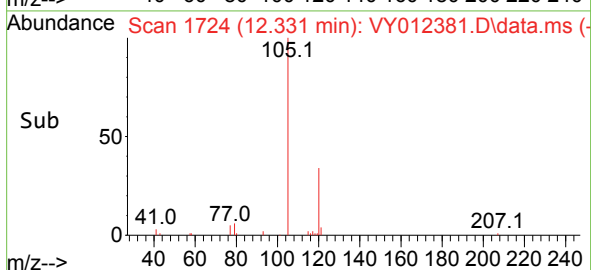
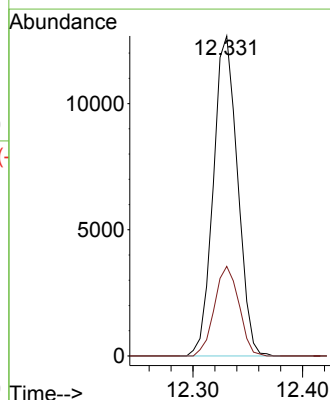
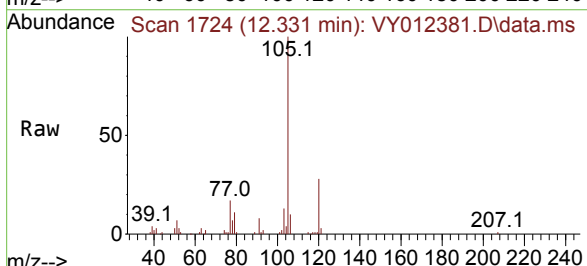
Acq: 27 Jan 2023 14:18

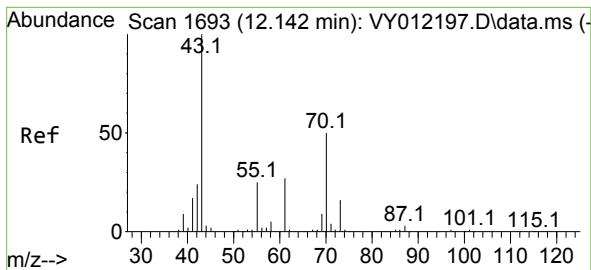
Tgt Ion:105 Resp: 19485

Ion Ratio Lower Upper

105 100

120 28.3 13.2 39.6





#74

N-amy1 acetate

Concen: 2.036 ug/l

RT: 12.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 3088

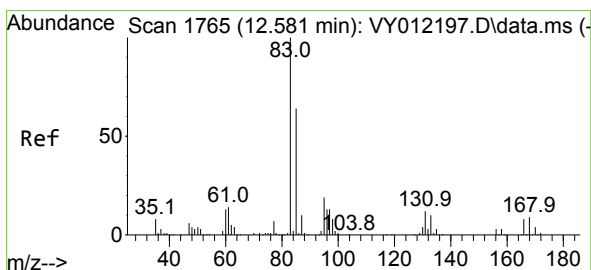
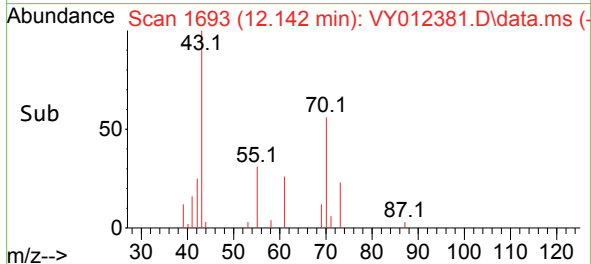
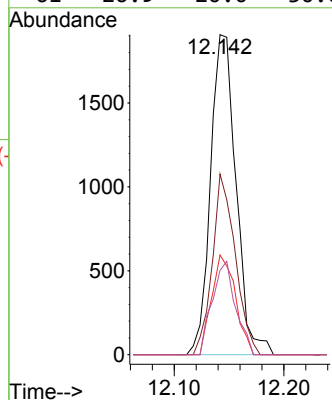
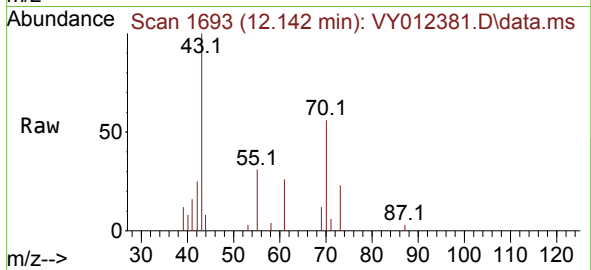
Ion Ratio Lower Upper

43 100

70 50.7 35.8 53.8

55 28.9 21.0 31.4

61 26.9 20.0 30.0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.566 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

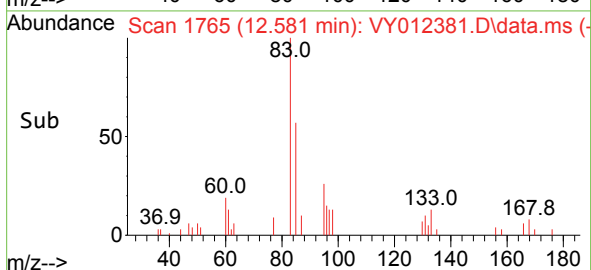
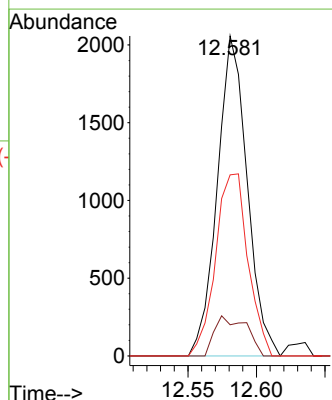
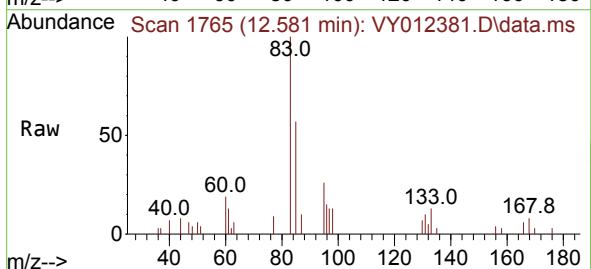
Tgt Ion: 83 Resp: 3127

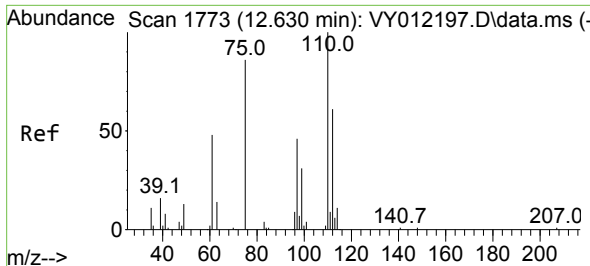
Ion Ratio Lower Upper

83 100

131 13.2 5.6 16.8

85 61.7 32.3 96.8

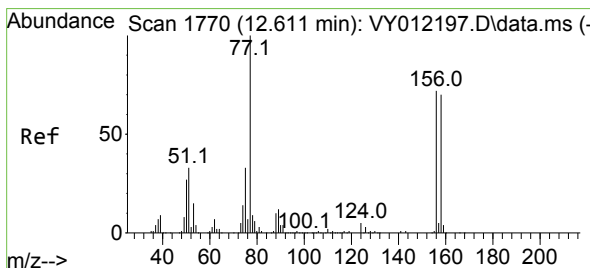
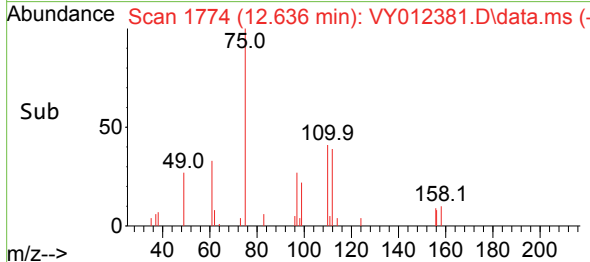
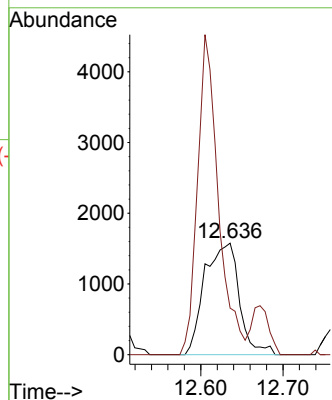
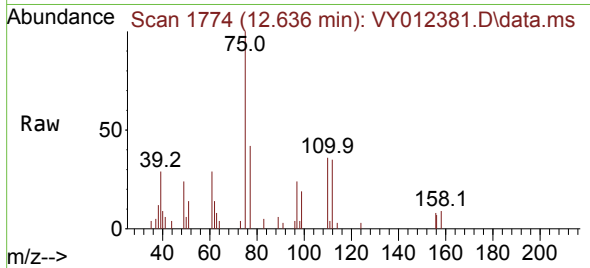




#76
1,2,3-Trichloropropane
Concen: 4.667 ug/l
RT: 12.636 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

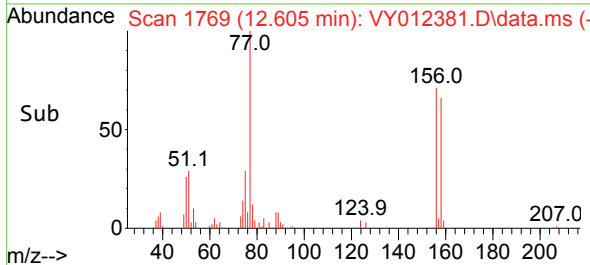
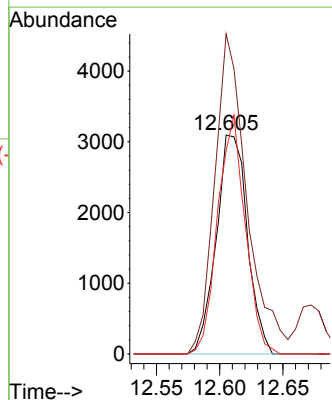
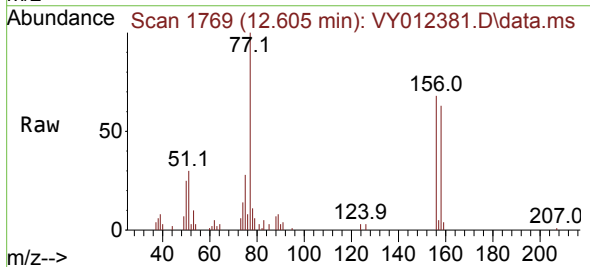
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

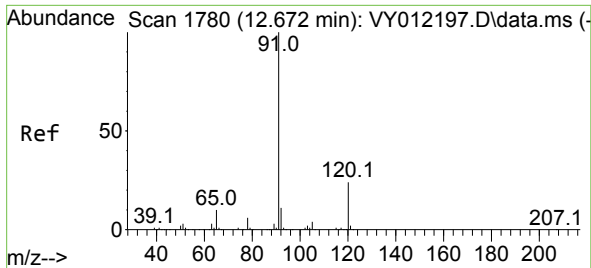
Tgt Ion: 75 Resp: 4604
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.841 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 156 Resp: 5289
Ion Ratio Lower Upper
156 100
77 151.0 90.0 270.0
158 96.6 48.4 145.2

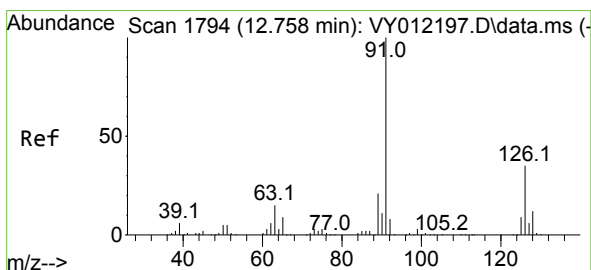
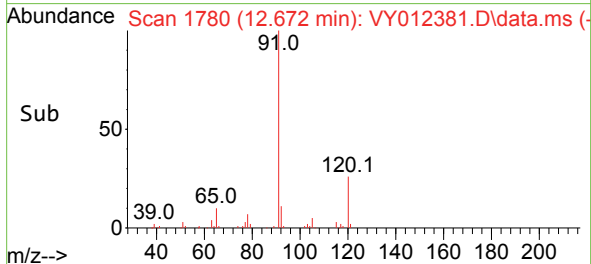
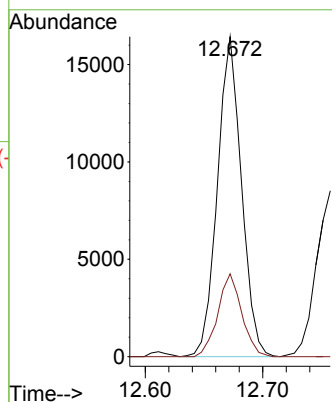
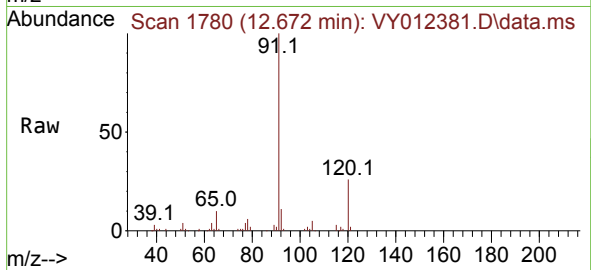




#78
n-propylbenzene
Concen: 2.580 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

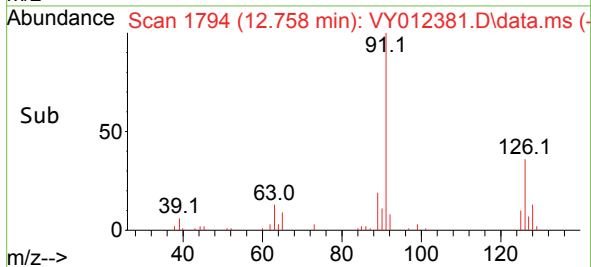
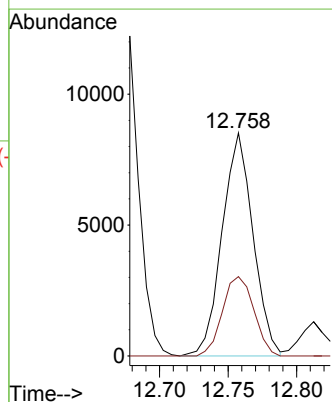
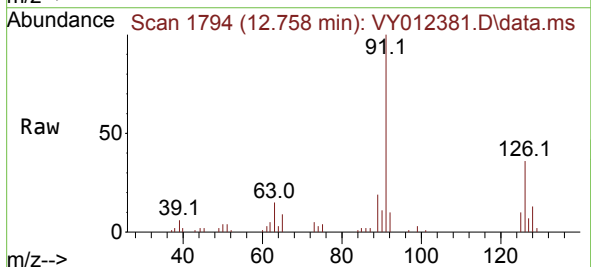
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

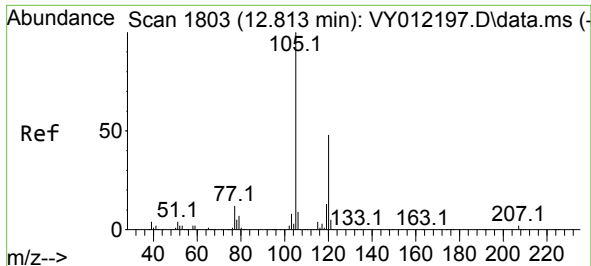
Tgt Ion: 91 Resp: 23354
Ion Ratio Lower Upper
91 100
120 25.8 11.8 35.4



#79
2-Chlorotoluene
Concen: 2.615 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 91 Resp: 13382
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.5

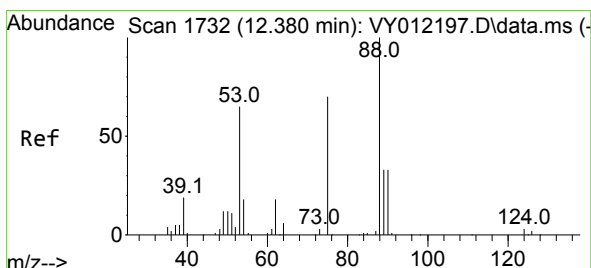
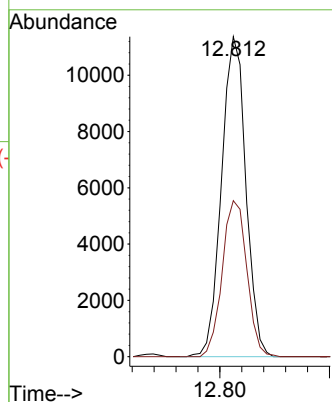
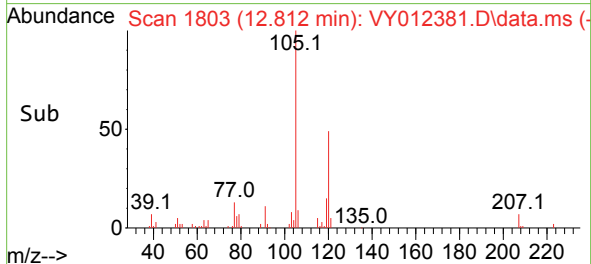
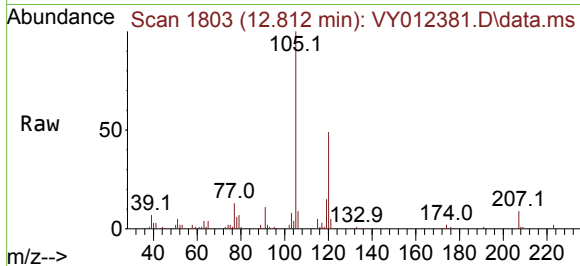




#80
 1,3,5-Trimethylbenzene
 Concen: 2.607 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.001 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

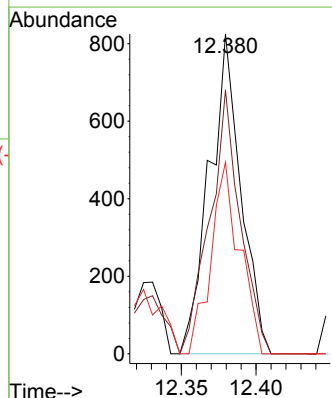
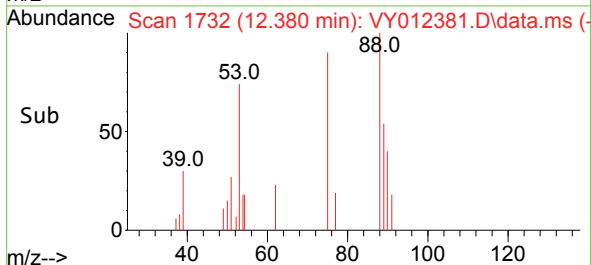
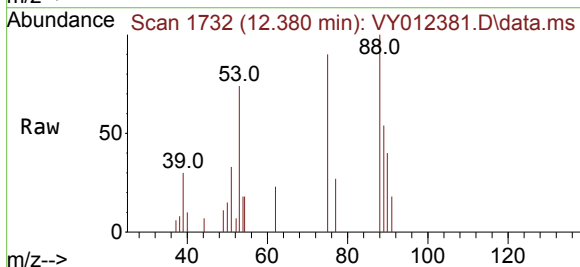
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

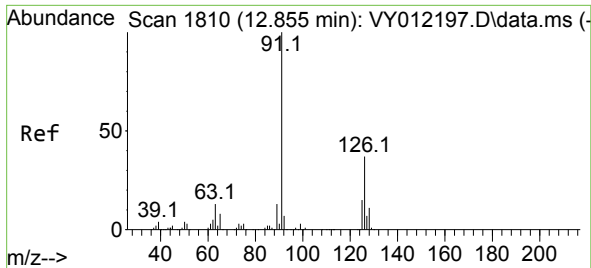
Tgt Ion:105 Resp: 17533
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.525 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.006 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

Tgt Ion: 75 Resp: 1209
 Ion Ratio Lower Upper
 75 100
 53 79.8 72.5 108.7
 89 54.5 37.0 55.4

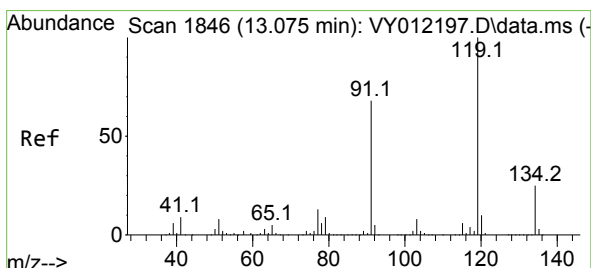
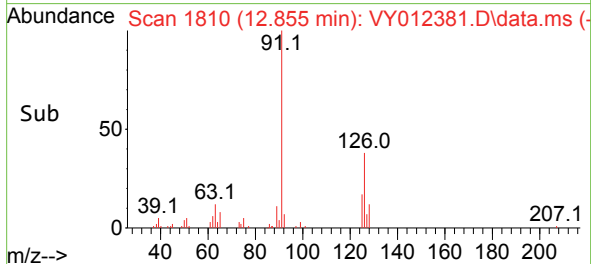
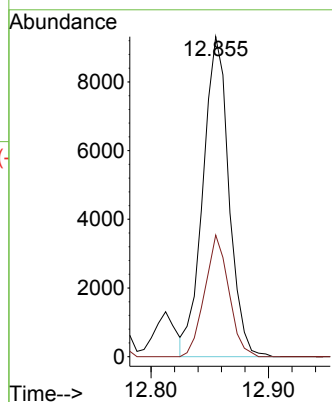
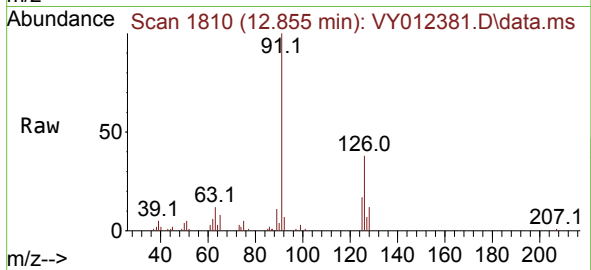




#82
4-Chlorotoluene
Concen: 2.662 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

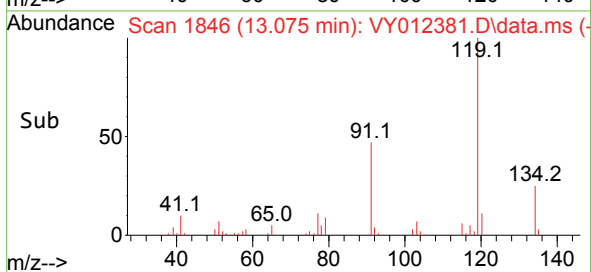
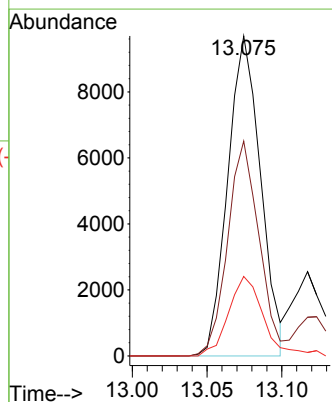
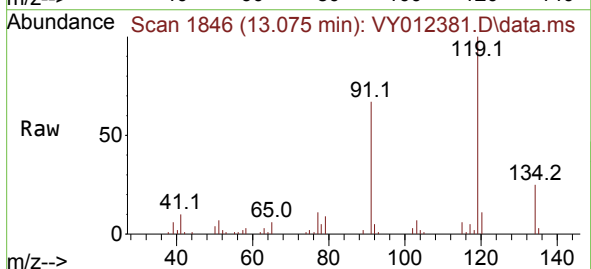
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

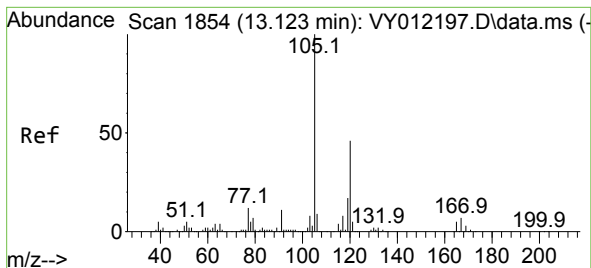
Tgt Ion: 91 Resp: 14309
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2



#83
tert-Butylbenzene
Concen: 2.524 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion: 119 Resp: 14791
Ion Ratio Lower Upper
119 100
91 64.2 32.3 96.8
134 26.4 13.0 39.0





#84

1,2,4-Trimethylbenzene

Concen: 2.455 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

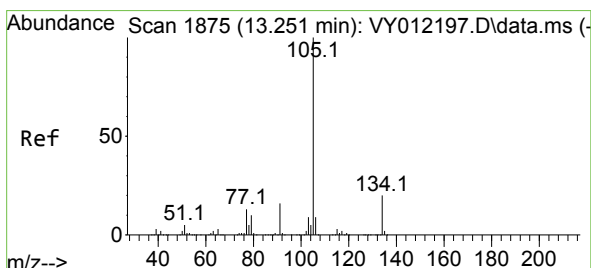
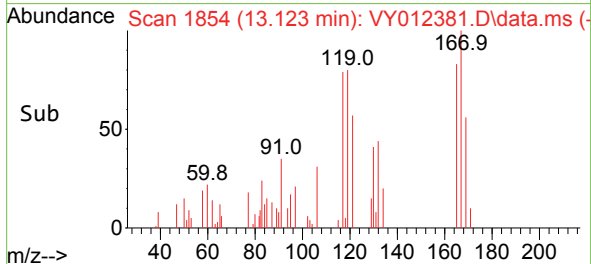
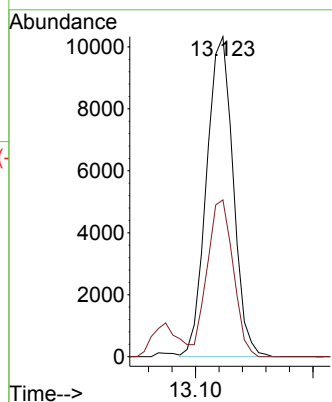
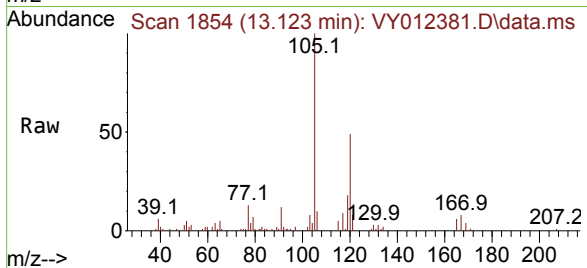
MDL07

Tgt Ion:105 Resp: 16278

Ion Ratio Lower Upper

105 100

120 47.3 22.9 68.7



#85

sec-Butylbenzene

Concen: 2.665 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012381.D

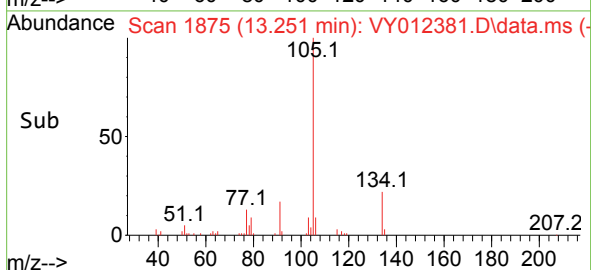
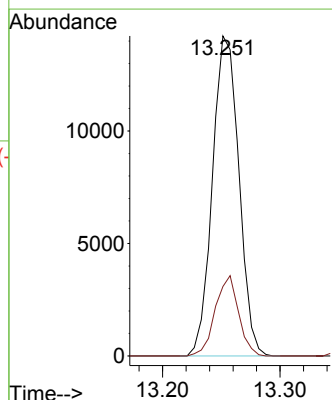
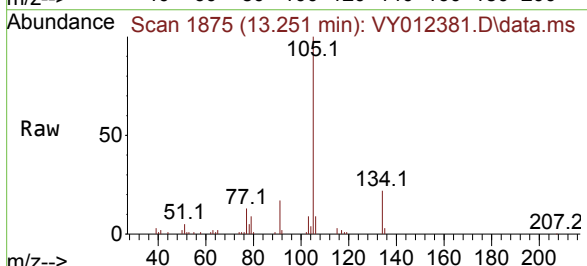
Acq: 27 Jan 2023 14:18

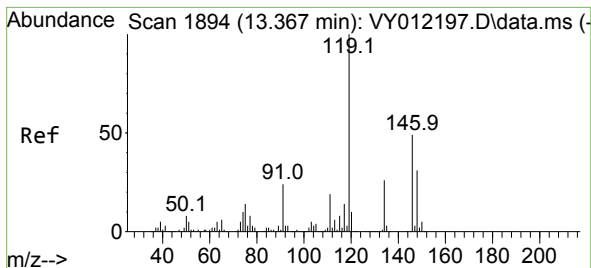
Tgt Ion:105 Resp: 22236

Ion Ratio Lower Upper

105 100

134 22.2 10.1 30.3





#86

p-Isopropyltoluene

Concen: 2.561 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

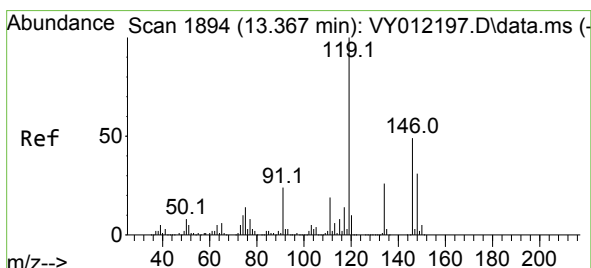
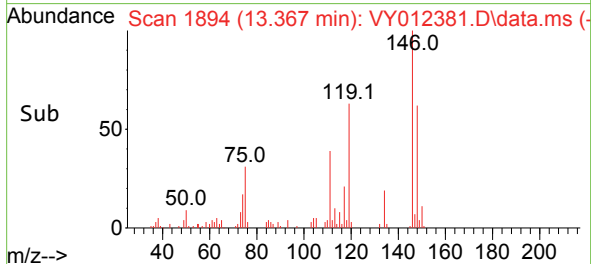
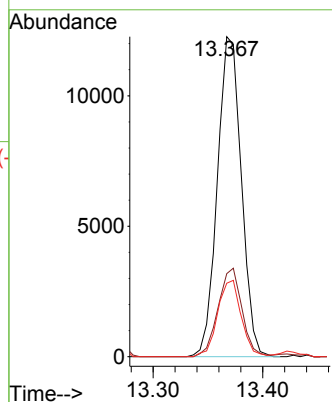
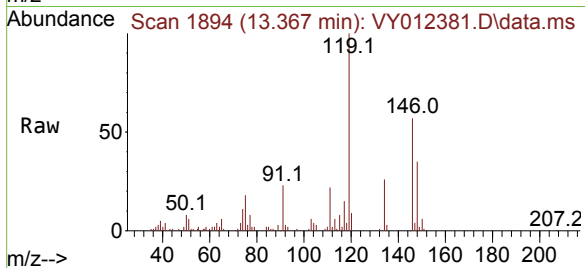
Tgt Ion:119 Resp: 18669

Ion Ratio Lower Upper

119 100

134 27.5 13.0 39.0

91 23.5 11.9 35.9



#87

1,3-Dichlorobenzene

Concen: 2.819 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

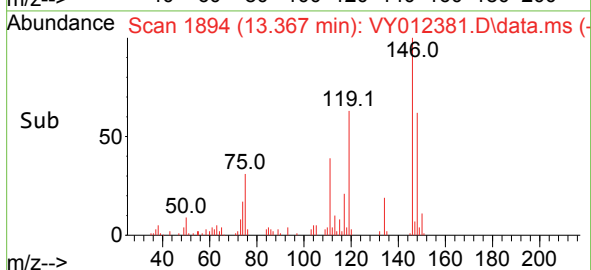
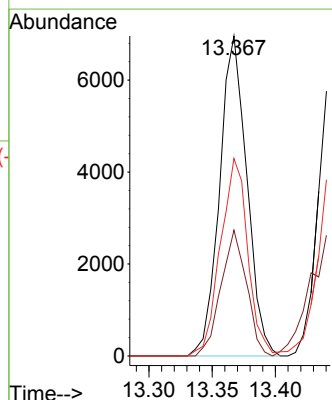
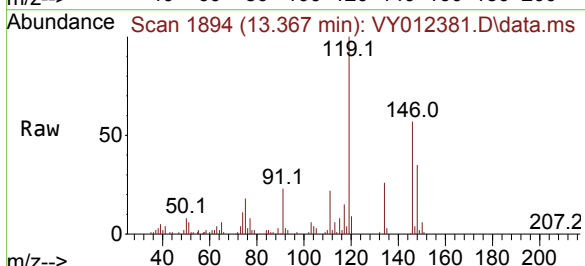
Tgt Ion:146 Resp: 10435

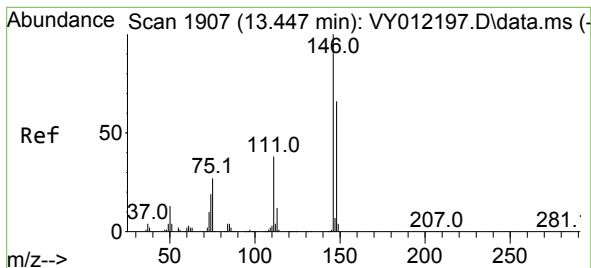
Ion Ratio Lower Upper

146 100

111 36.8 19.7 59.0

148 62.0 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 2.864 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

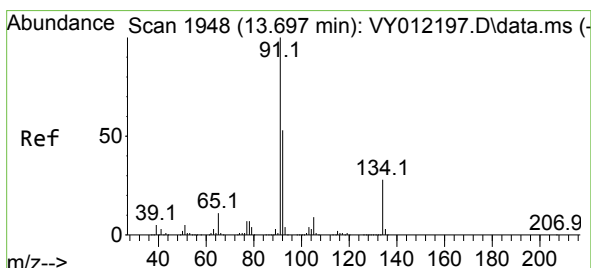
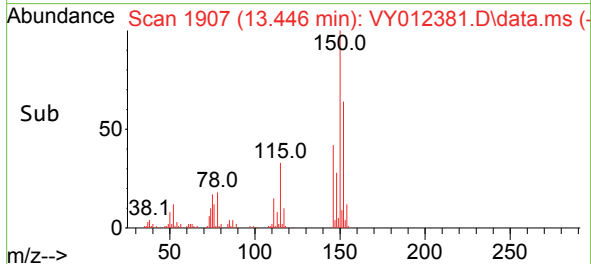
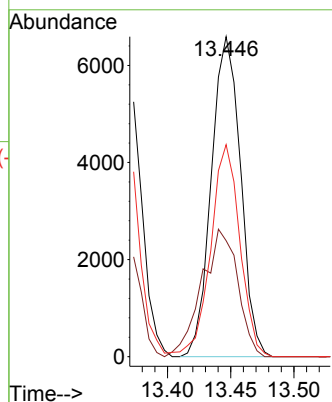
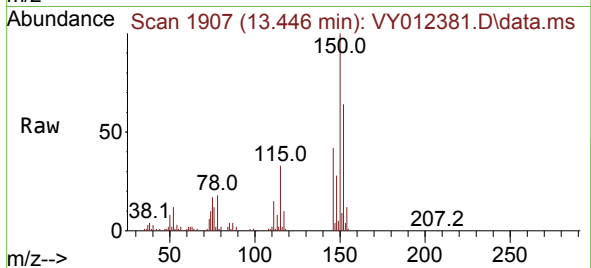
Tgt Ion:146 Resp: 10573

Ion Ratio Lower Upper

146 100

111 48.9 19.6 58.7

148 66.1 31.9 95.7



#89

n-Butylbenzene

Concen: 2.528 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

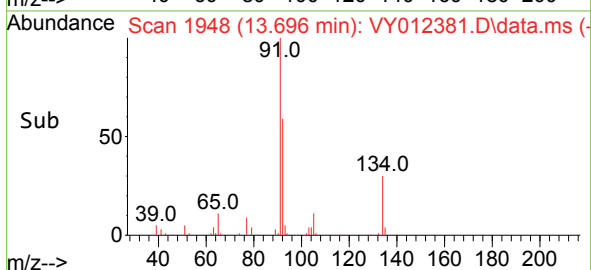
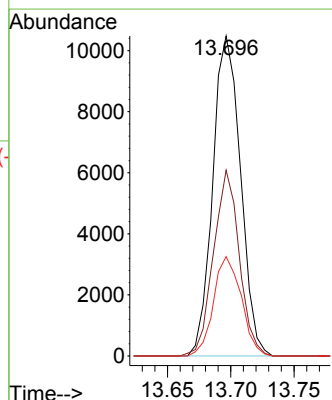
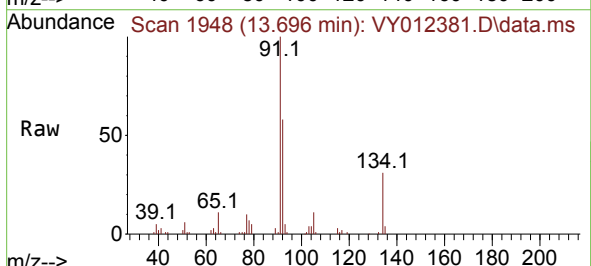
Tgt Ion: 91 Resp: 15972

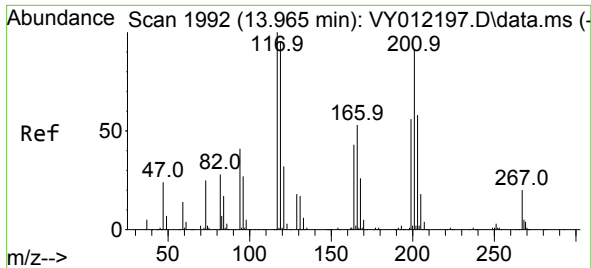
Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 31.1 13.3 39.8

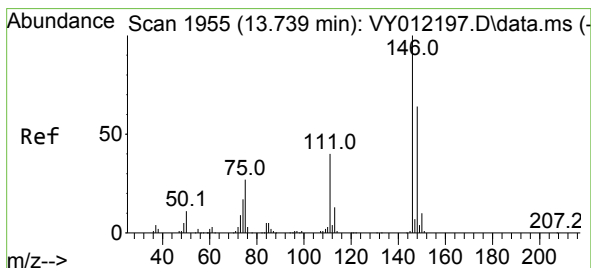
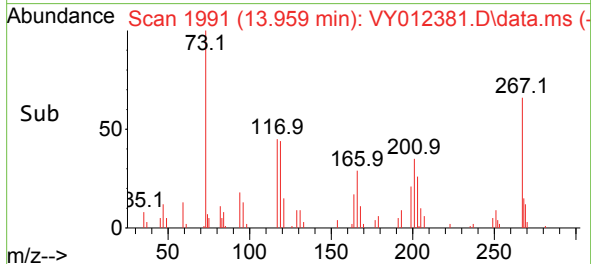
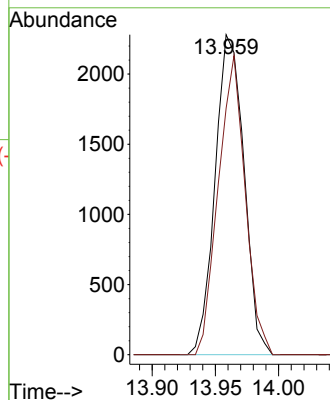
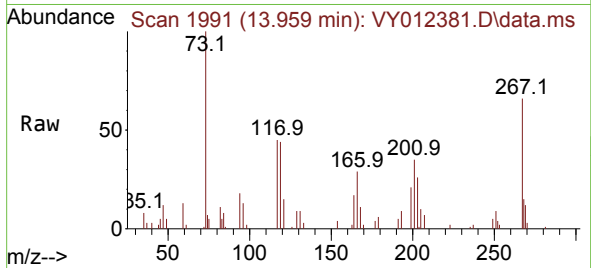




#90
Hexachloroethane
Concen: 2.745 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

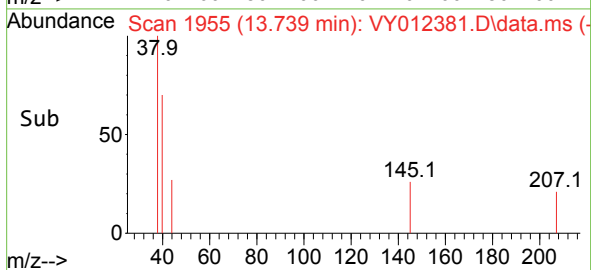
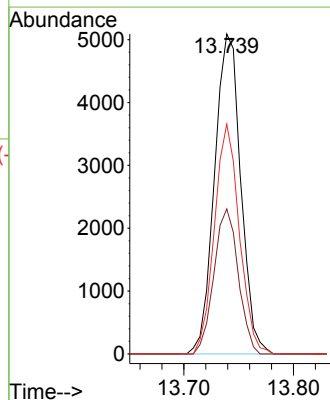
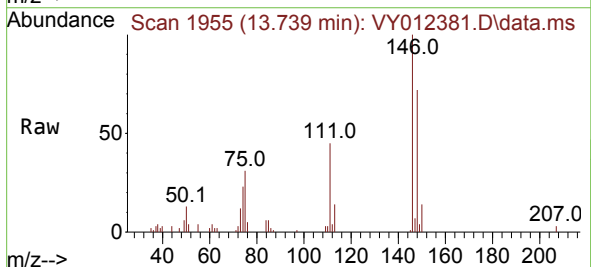
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

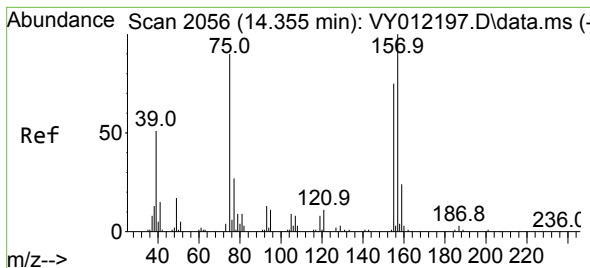
Tgt Ion:117 Resp: 3613
Ion Ratio Lower Upper
117 100
201 87.2 40.3 120.8



#91
1,2-Dichlorobenzene
Concen: 2.565 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012381.D
Acq: 27 Jan 2023 14:18

Tgt Ion:146 Resp: 8472
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.8
148 68.2 31.8 95.4

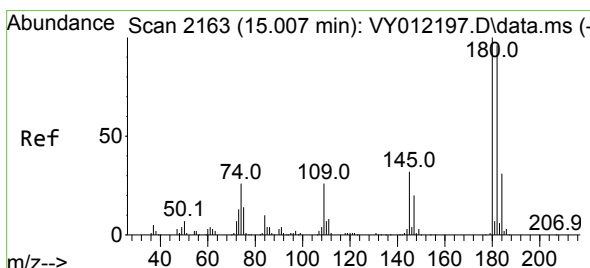
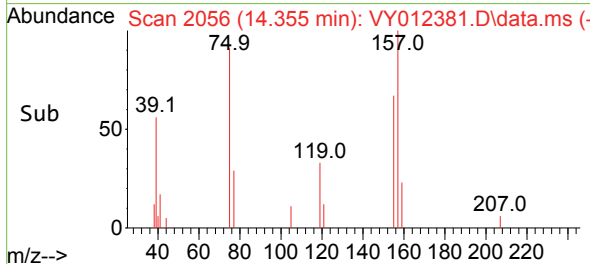
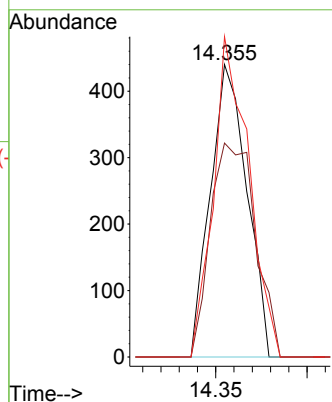
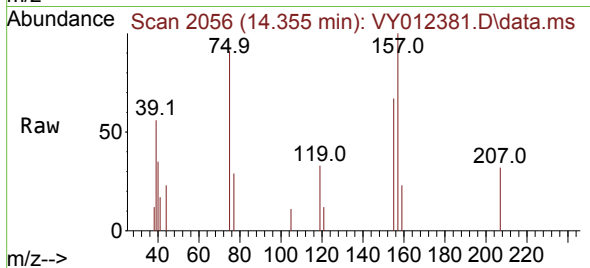




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.423 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

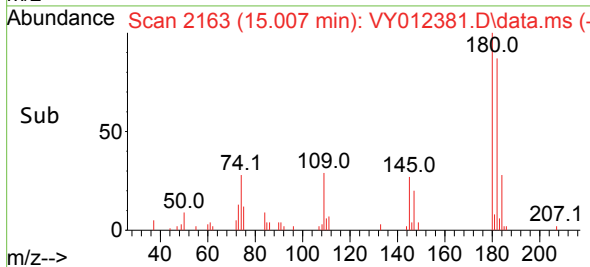
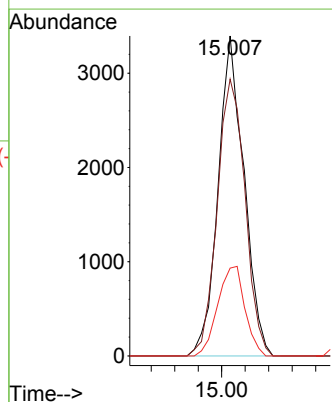
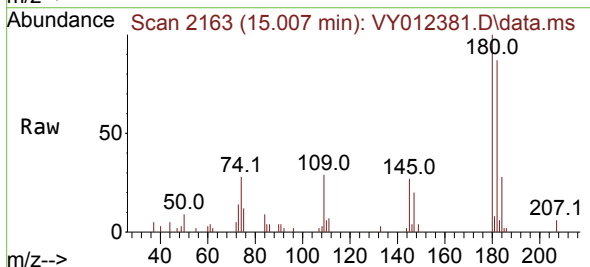
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

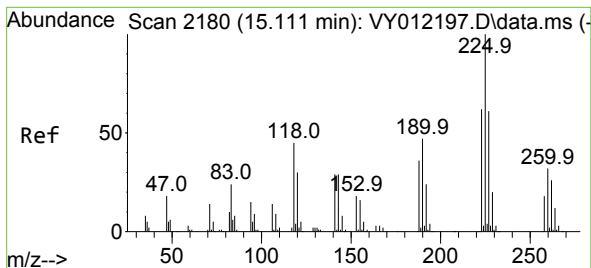
Tgt Ion: 75 Resp: 610
 Ion Ratio Lower Upper
 75 100
 155 90.2 42.3 126.8
 157 106.1 54.4 163.3



#93
 1,2,4-Trichlorobenzene
 Concen: 2.454 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

Tgt Ion: 180 Resp: 5195
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.1 144.3
 145 29.4 15.4 46.4





#94

Hexachlorobutadiene

Concen: 2.860 ug/l

RT: 15.117 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

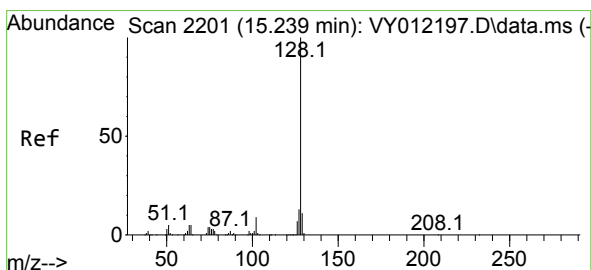
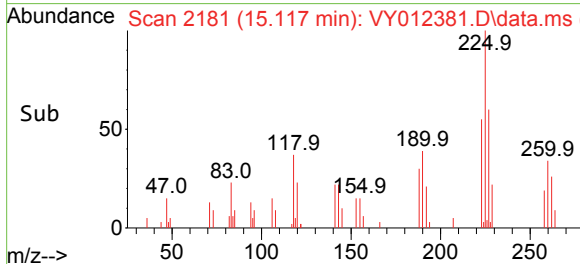
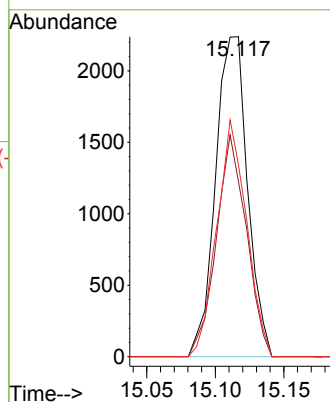
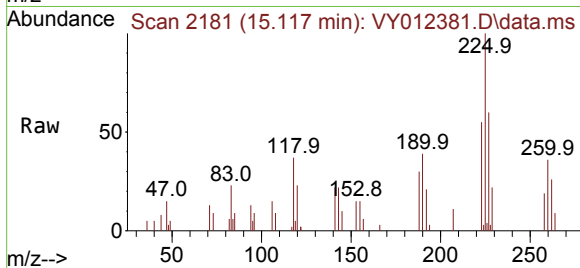
Tgt Ion:225 Resp: 3644

Ion Ratio Lower Upper

225 100

223 64.8 31.4 94.2

227 68.7 32.6 97.8



#95

Naphthalene

Concen: 2.190 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY012381.D

Acq: 27 Jan 2023 14:18

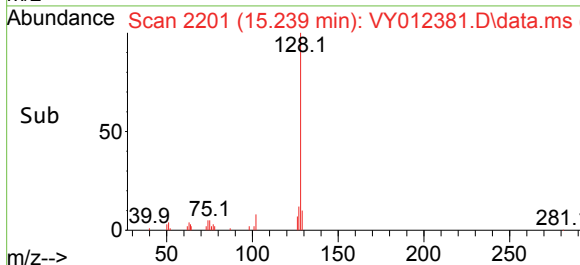
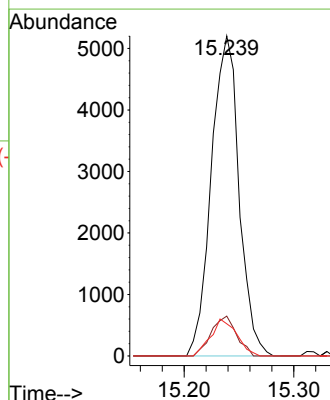
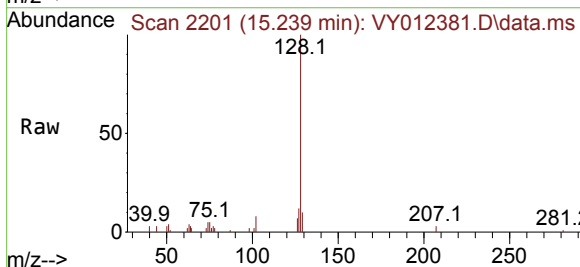
Tgt Ion:128 Resp: 9147

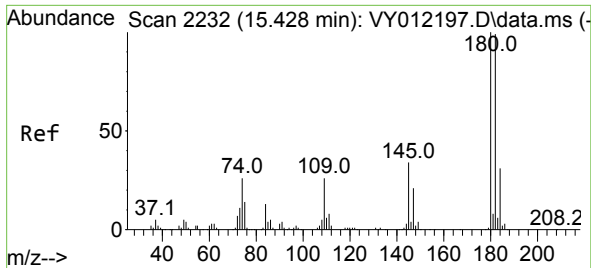
Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

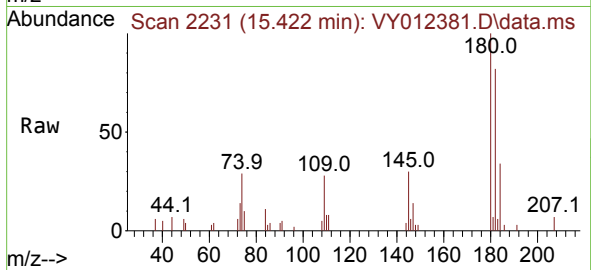
129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 2.440 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY012381.D
 Acq: 27 Jan 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07



Tgt Ion:	180	Resp:	4444
Ion Ratio	Lower	Upper	
180	100		
182	88.3	47.9	143.7
145	33.0	16.1	48.2

