

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017661.D
 Acq On : 14 Mar 2024 13:34
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Quant Time: Mar 15 04:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 04:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70921	48.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.715	113	83712	47.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.980%
50) Toluene-d8	10.178	98	295866	48.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.483	95	86668	44.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	2351	2.072	ug/l	94
3) Chloromethane	2.113	50	4267	2.058	ug/l	97
4) Vinyl Chloride	2.247	62	5895	2.217	ug/l	95
5) Bromomethane	2.649	94	5610	2.589	ug/l	91
6) Chloroethane	2.796	64	3910	2.331	ug/l	95
7) Trichlorofluoromethane	3.119	101	5874	2.167	ug/l	99
8) Diethyl Ether	3.521	74	1770	2.226	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	3863	2.478	ug/l	96
10) Methyl Iodide	4.082	142	3311	1.892	ug/l	98
11) Tert butyl alcohol	4.917	59	1143	9.231	ug/l #	88
12) 1,1-Dichloroethene	3.862	96	2985	2.054	ug/l	94
13) Acrolein	3.722	56	1425	8.722	ug/l	87
14) Allyl chloride	4.478	41	3684	2.098	ug/l	95
15) Acrylonitrile	5.155	53	1870	5.722	ug/l #	28
16) Acetone	3.948	43	4119	14.569	ug/l #	85
17) Carbon Disulfide	4.186	76	7669	1.759	ug/l	96
18) Methyl Acetate	4.472	43	2522	3.677	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	7022	2.074	ug/l	100
20) Methylene Chloride	4.704	84	9159	4.525	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	3749	2.204	ug/l	84
22) Diisopropyl ether	6.112	45	7587	1.873	ug/l	93
23) Vinyl Acetate	6.063	43	18216	7.546	ug/l	96
24) 1,1-Dichloroethane	6.021	63	6239	2.254	ug/l	94
25) 2-Butanone	6.978	43	4752	11.794	ug/l	100
26) 2,2-Dichloropropane	6.972	77	5548	2.384	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	4357	2.281	ug/l	94
28) Bromochloromethane	7.325	49	2120	1.945	ug/l #	100
29) Tetrahydrofuran	7.337	42	2226	9.165	ug/l #	79
30) Chloroform	7.502	83	6807	2.310	ug/l	100
31) Cyclohexane	7.783	56	6437	2.714	ug/l #	45
32) 1,1,1-Trichloroethane	7.697	97	5537	2.164	ug/l	96
36) 1,1-Dichloropropene	7.917	75	5068	2.131	ug/l	94
37) Ethyl Acetate	7.069	43	2040	2.172	ug/l #	86
38) Carbon Tetrachloride	7.904	117	5048	2.118	ug/l	87
39) Methylcyclohexane	9.179	83	5410	1.893	ug/l	95
40) Benzene	8.161	78	14967	2.119	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	1427	3.027	ug/l #	16
42) 1,2-Dichloroethane	8.234	62	3746	2.174	ug/l	98
43) Isopropyl Acetate	8.270	43	3490	2.114	ug/l #	83
44) Trichloroethene	8.935	130	4289	2.107	ug/l	96
45) 1,2-Dichloropropane	9.215	63	3630	2.160	ug/l	95
46) Dibromomethane	9.307	93	2146	2.232	ug/l	96
47) Bromodichloromethane	9.496	83	5069	2.171	ug/l	97
48) Methyl methacrylate	9.288	41	1564	2.047	ug/l	96
49) 1,4-Dioxane	9.294	88	403	37.030	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	7775	8.452	ug/l	98
52) Toluene	10.245	92	9296	2.088	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	4195	1.936	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	5286	2.007	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	2951	2.161	ug/l	93
56) Ethyl methacrylate	10.508	69	1998	1.305	ug/l	97
57) 1,3-Dichloropropane	10.788	76	4604	2.074	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	6058	7.689	ug/l	96
59) 2-Hexanone	10.831	43	5883	9.310	ug/l	98
60) Dibromochloromethane	10.983	129	3670	2.272	ug/l	94
61) 1,2-Dibromoethane	11.093	107	2576	2.047	ug/l	94
64) Tetrachloroethene	10.721	164	4406	2.129	ug/l	96
65) Chlorobenzene	11.520	112	10553	2.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	3940	2.298	ug/l	98
67) Ethyl Benzene	11.593	91	15906	1.981	ug/l	92
68) m/p-Xylenes	11.703	106	11811	3.744	ug/l	99
69) o-Xylene	12.032	106	5508	1.882	ug/l	91
70) Styrene	12.044	104	7234	1.489	ug/l	97
71) Bromoform	12.215	173	2030	2.136	ug/l #	90
73) Isopropylbenzene	12.330	105	13677	1.884	ug/l	99
74) N-amyl acetate	12.148	43	2333	1.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	3338	2.677	ug/l	95
76) 1,2,3-Trichloropropane	12.635	75	3769	4.059	ug/l #	100
77) Bromobenzene	12.611	156	4150	2.360	ug/l	95
78) n-propylbenzene	12.672	91	18377	2.109	ug/l	100
79) 2-Chlorotoluene	12.757	91	10428	2.138	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	11313	1.945	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44130	109.189	ug/l #	16
82) 4-Chlorotoluene	12.855	91	10623	2.129	ug/l	98
83) tert-Butylbenzene	13.074	119	10397	2.035	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	10403	1.811	ug/l	99
85) sec-Butylbenzene	13.257	105	14431	1.848	ug/l	98
86) p-Isopropyltoluene	13.373	119	11603	1.815	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	7752	2.196	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	8135	2.371	ug/l	92
89) n-Butylbenzene	13.696	91	11646	1.996	ug/l	97
90) Hexachloroethane	13.964	117	3134	2.445	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	6546	2.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	411	2.345	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	3291	2.087	ug/l	98
94) Hexachlorobutadiene	15.117	225	2310	2.373	ug/l	91
95) Naphthalene	15.239	128	4649	1.724	ug/l	96
96) 1,2,3-Trichlorobenzene	15.427	180	2690	1.988	ug/l	99

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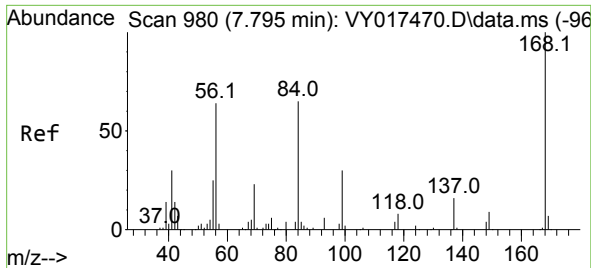
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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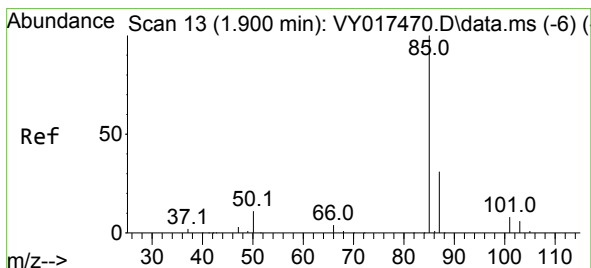
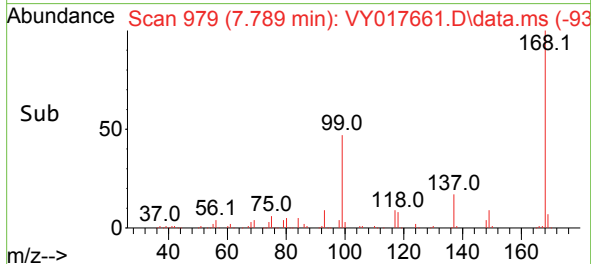
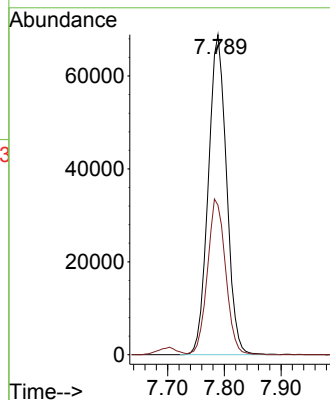
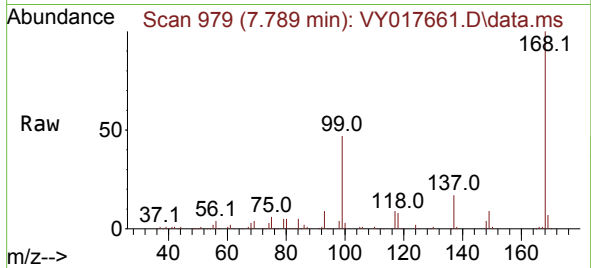




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017661.D
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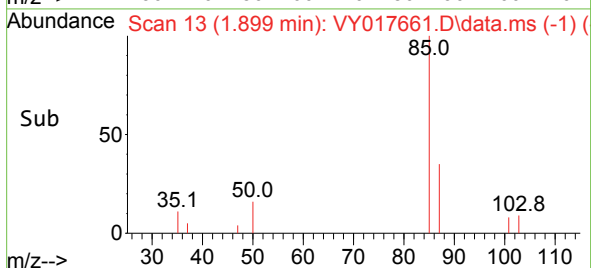
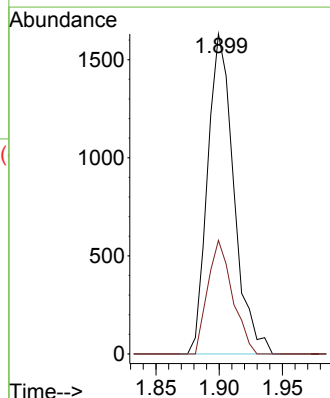
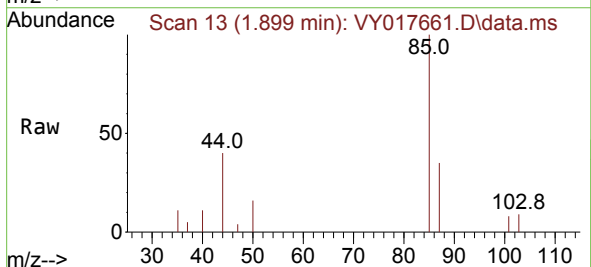
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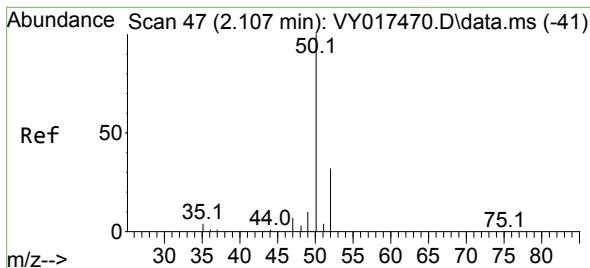
Tgt Ion:168 Resp: 153805
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.072 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 85 Resp: 2351
Ion Ratio Lower Upper
85 100
87 35.5 16.0 48.0





#3

Chloromethane

Concen: 2.058 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

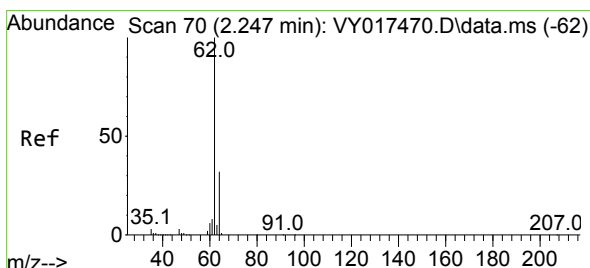
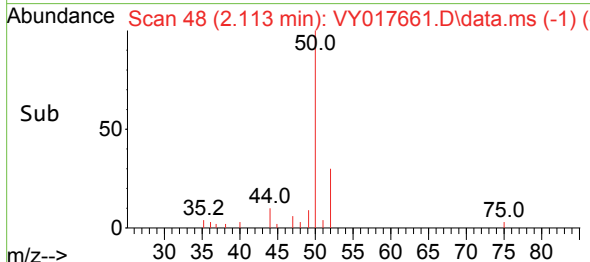
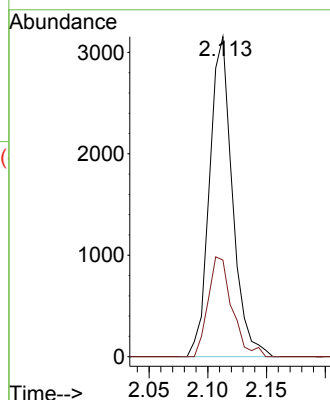
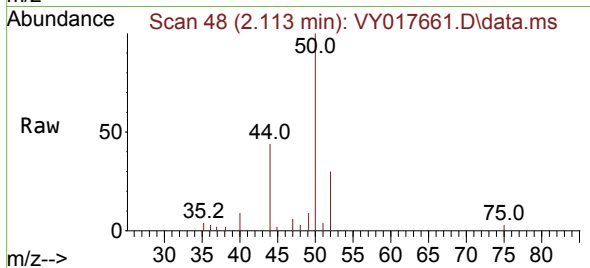
MDL07

Tgt Ion: 50 Resp: 4267

Ion Ratio Lower Upper

50 100

52 30.2 25.6 38.4



#4

Vinyl Chloride

Concen: 2.217 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY017661.D

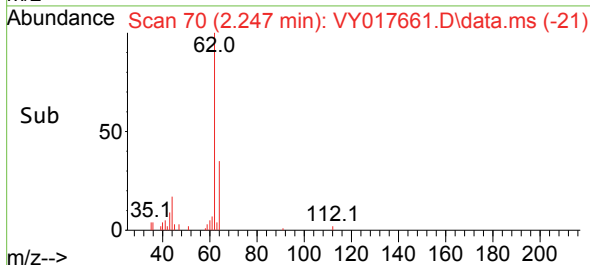
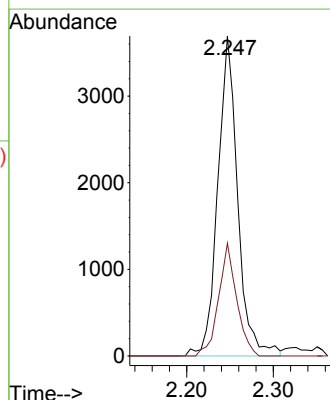
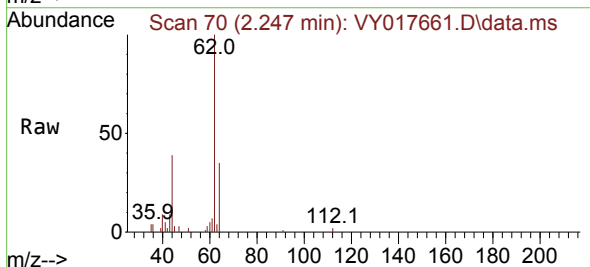
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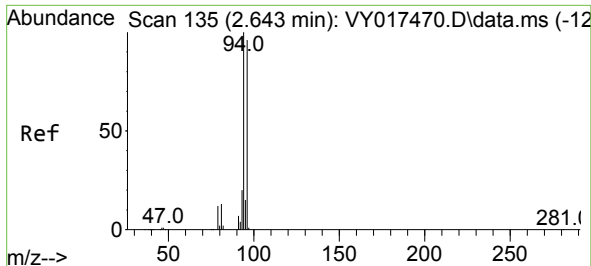
Tgt Ion: 62 Resp: 5895

Ion Ratio Lower Upper

62 100

64 35.3 26.1 39.1

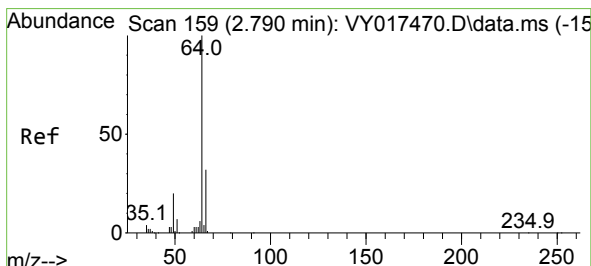
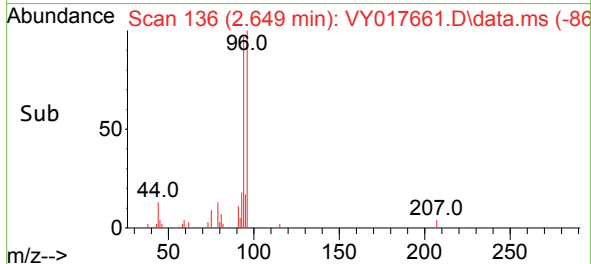
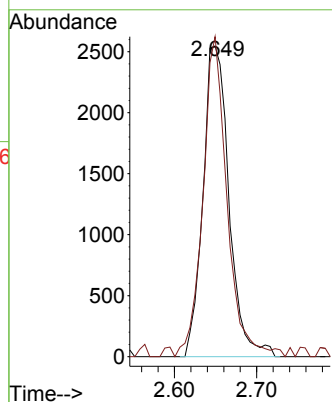
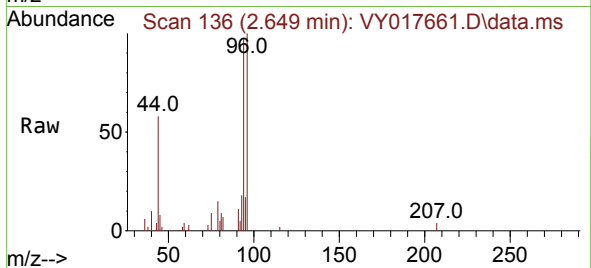




#5
Bromomethane
Concen: 2.589 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

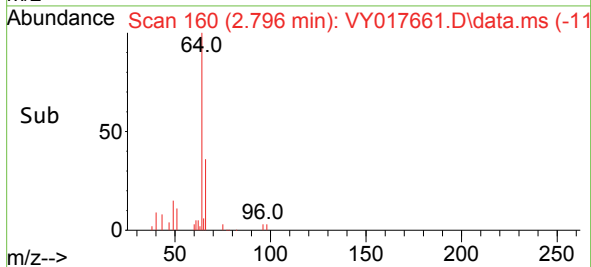
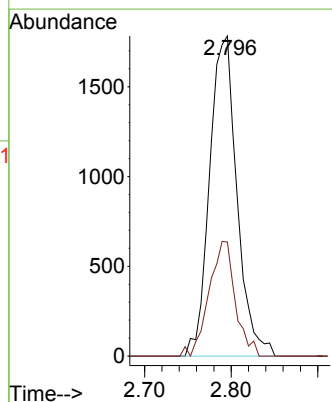
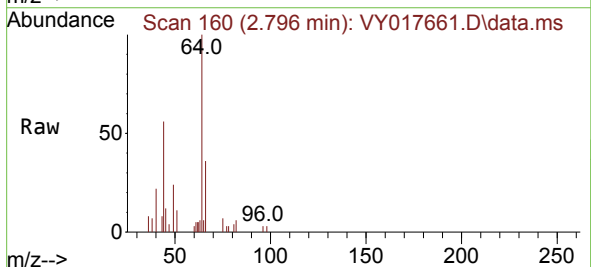
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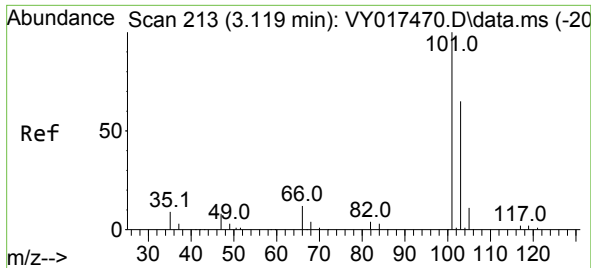
Tgt Ion: 94 Resp: 5610
Ion Ratio Lower Upper
94 100
96 100.8 74.1 111.1



#6
Chloroethane
Concen: 2.331 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 64 Resp: 3910
Ion Ratio Lower Upper
64 100
66 35.6 26.1 39.1

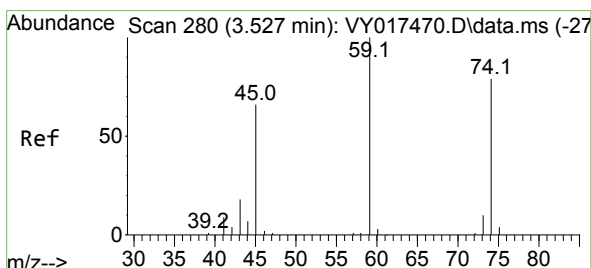
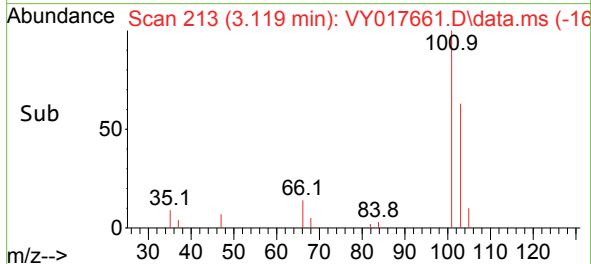
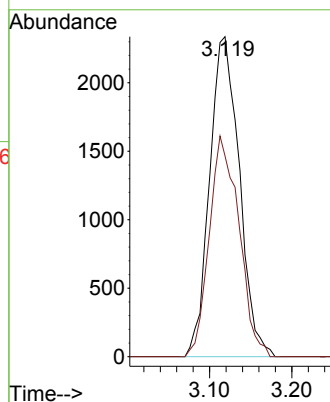
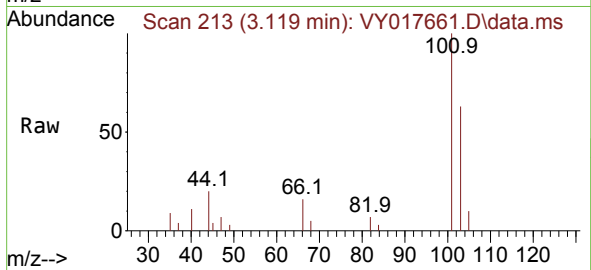




#7
 Trichlorofluoromethane
 Concen: 2.167 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY017661.D
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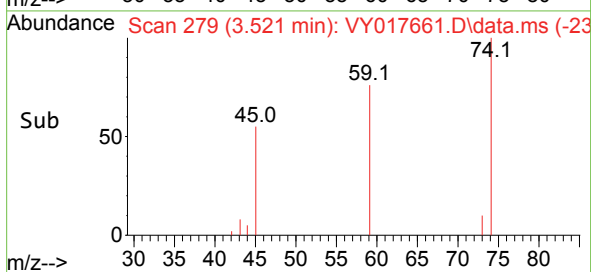
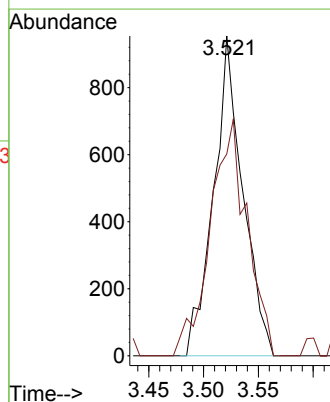
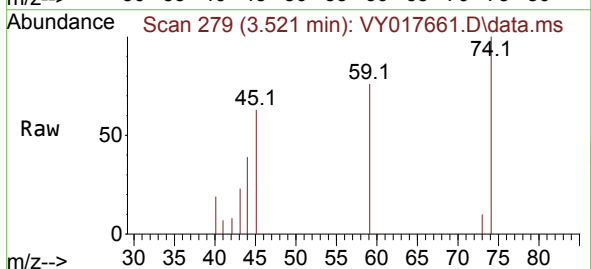
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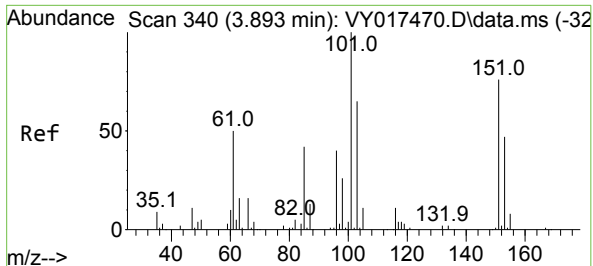
Tgt Ion:101 Resp: 5874
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.226 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

Tgt Ion: 74 Resp: 1770
 Ion Ratio Lower Upper
 74 100
 45 92.9 41.3 124.1

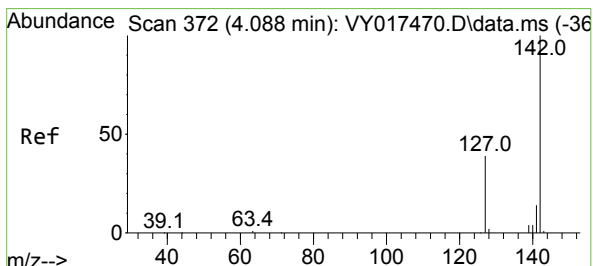
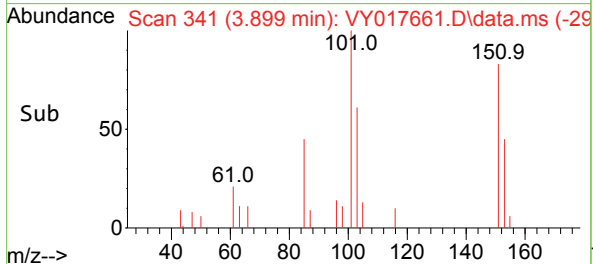
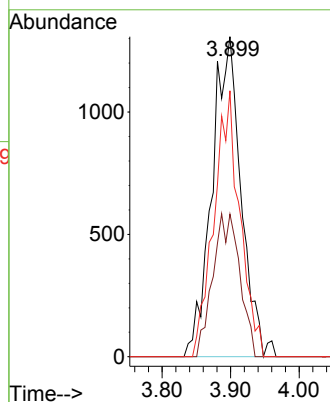
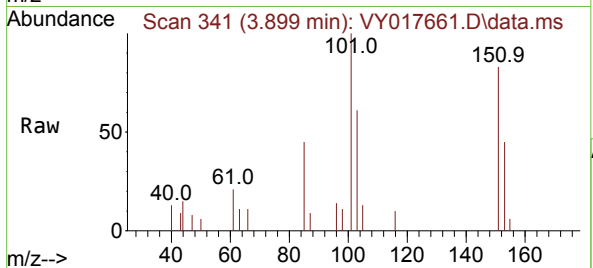




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.478 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017661.D
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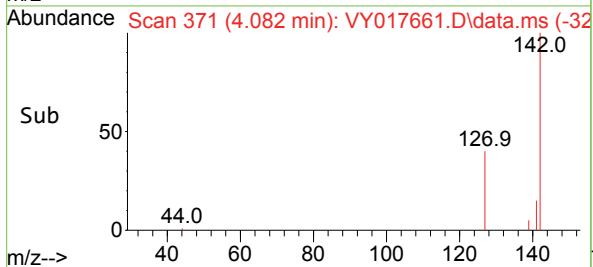
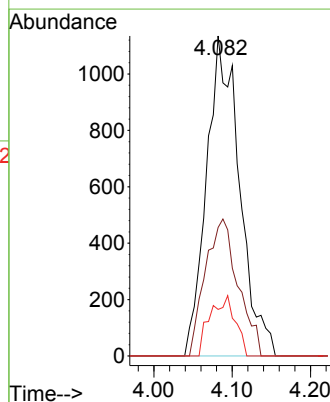
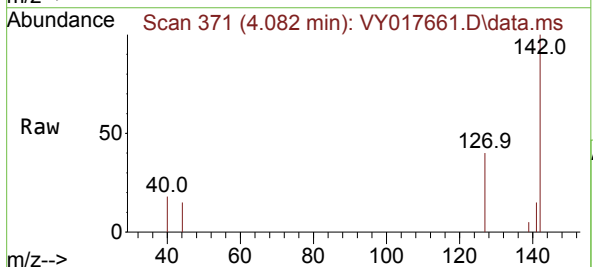
Instrument :
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ClientSampleId :
MDL07

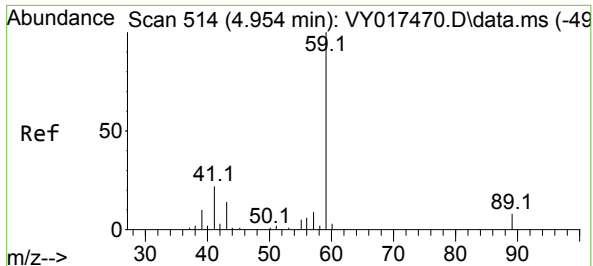
Tgt Ion:101 Resp: 3863
Ion Ratio Lower Upper
101 100
85 41.2 34.5 51.7
151 73.8 61.7 92.5



#10
Methyl Iodide
Concen: 1.892 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion:142 Resp: 3311
Ion Ratio Lower Upper
142 100
127 42.7 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 9.231 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.037 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

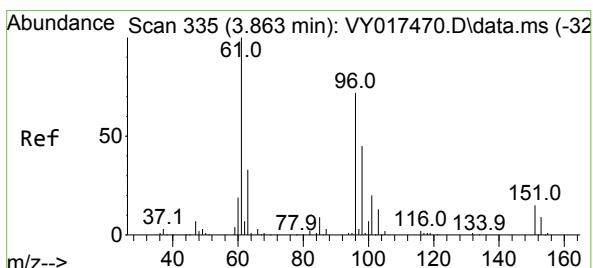
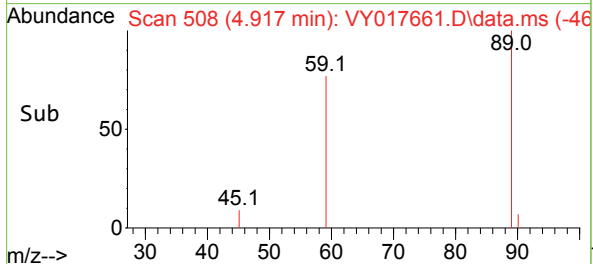
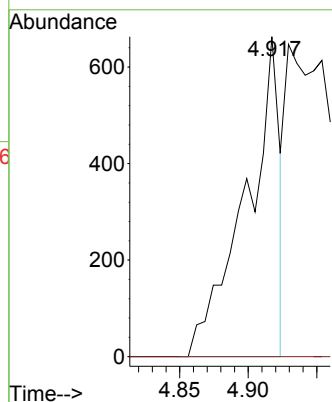
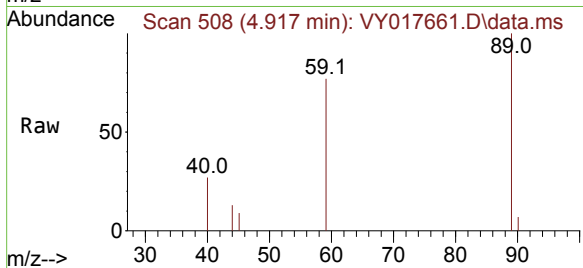
MDL07

Tgt Ion: 59 Resp: 1143

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 2.054 ug/l

RT: 3.862 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

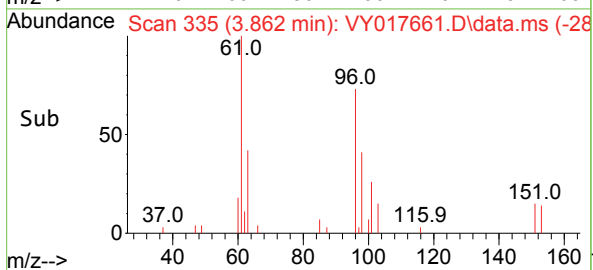
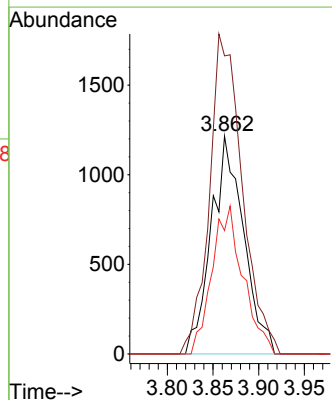
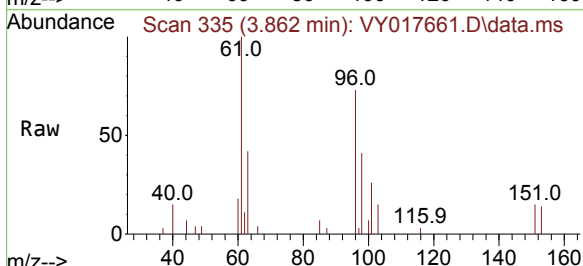
Tgt Ion: 96 Resp: 2985

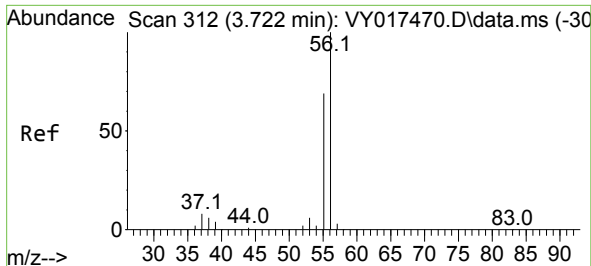
Ion Ratio Lower Upper

96 100

61 136.8 114.6 171.8

98 56.6 50.8 76.2





#13

Acrolein

Concen: 8.722 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

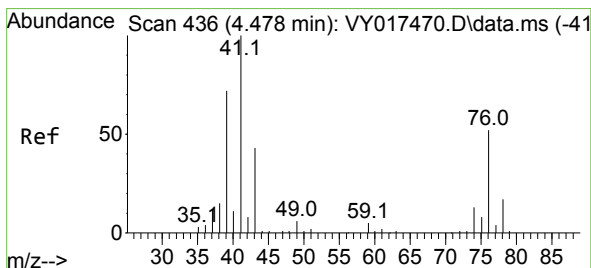
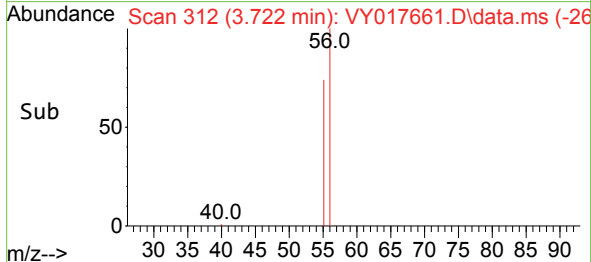
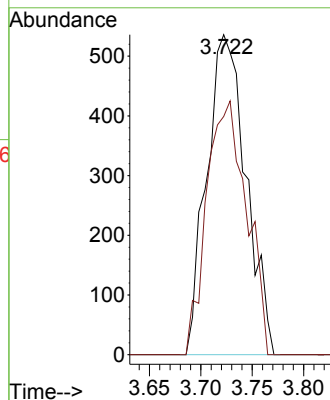
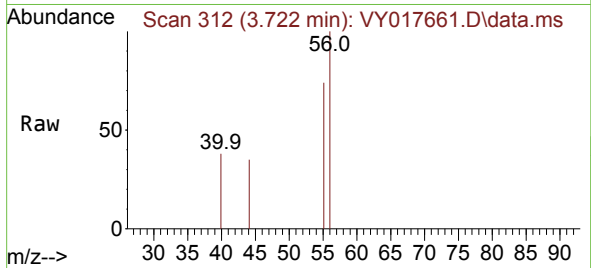
MDL07

Tgt Ion: 56 Resp: 1425

Ion Ratio Lower Upper

56 100

55 80.6 55.7 83.5



#14

Allyl chloride

Concen: 2.098 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

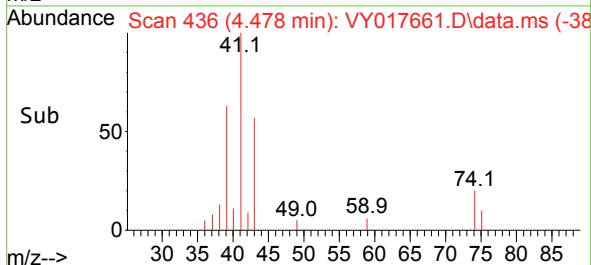
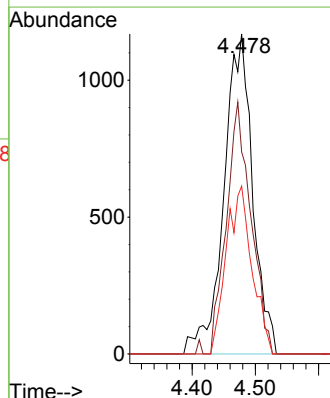
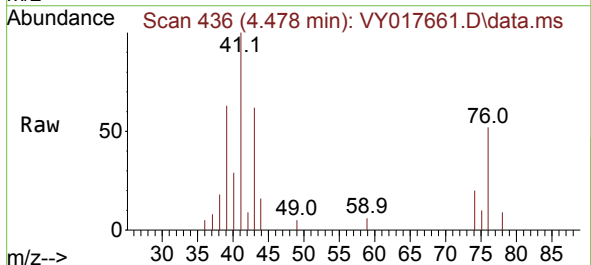
Tgt Ion: 41 Resp: 3684

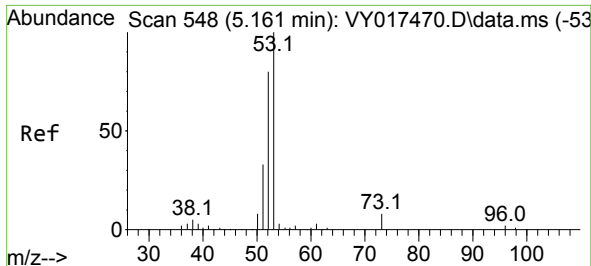
Ion Ratio Lower Upper

41 100

39 67.3 58.3 87.5

76 47.1 39.0 58.6

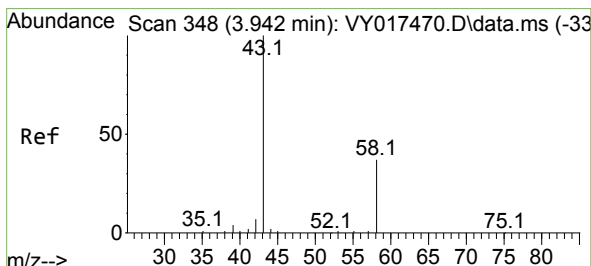
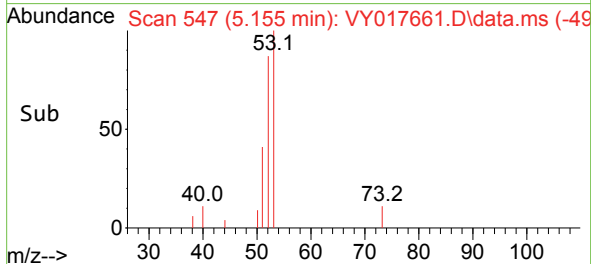
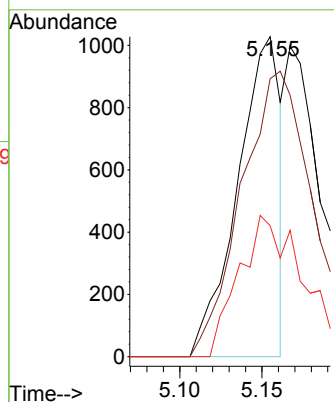
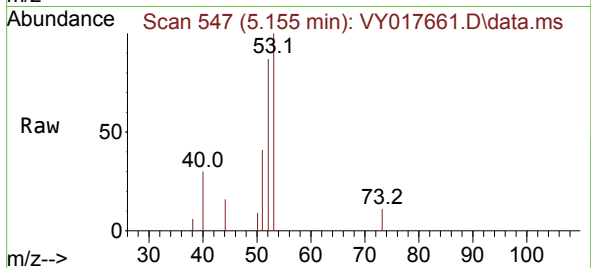




#15
Acrylonitrile
Concen: 5.722 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

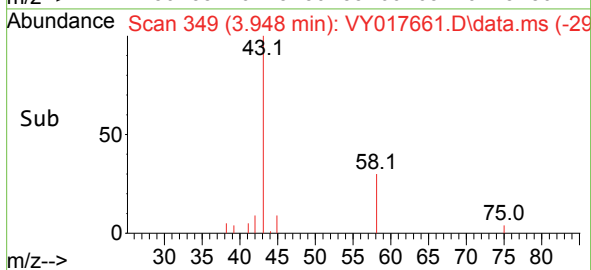
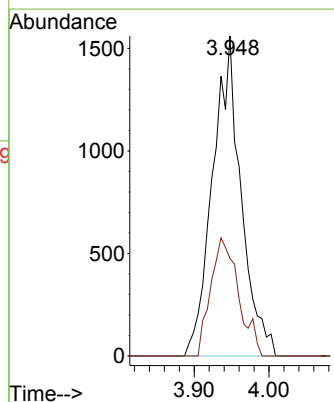
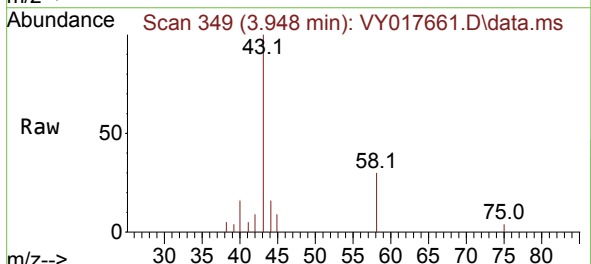
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

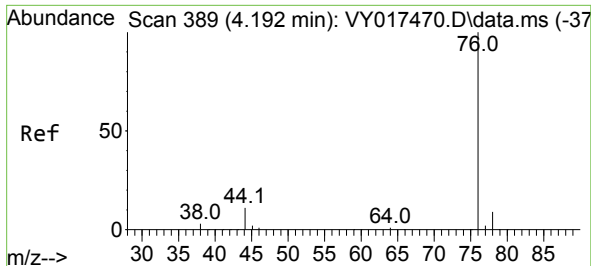
Tgt Ion: 53 Resp: 1870
Ion Ratio Lower Upper
53 100
52 151.1 64.7 97.1#
51 67.8 28.4 42.6#



#16
Acetone
Concen: 14.569 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 43 Resp: 4119
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

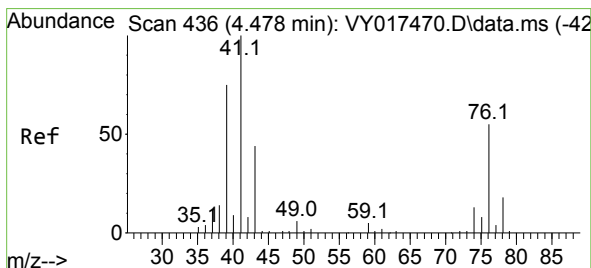
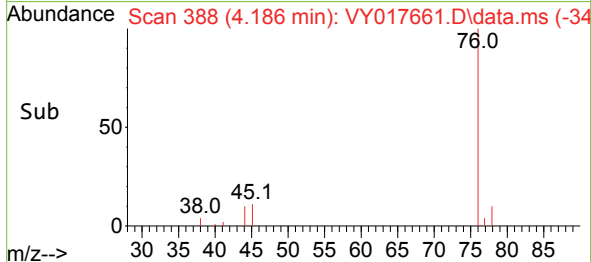
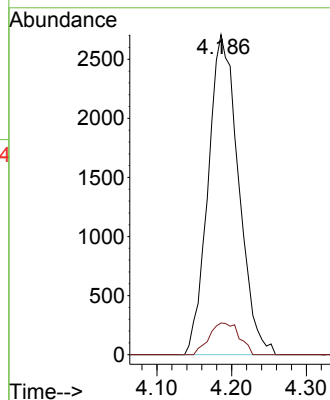
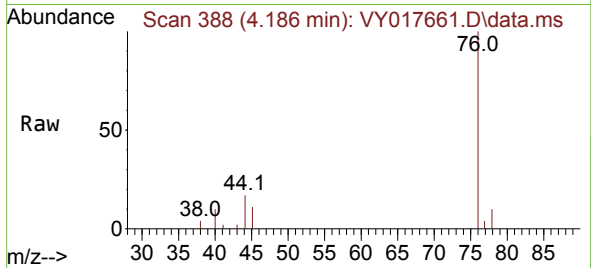




#17
Carbon Disulfide
Concen: 1.759 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

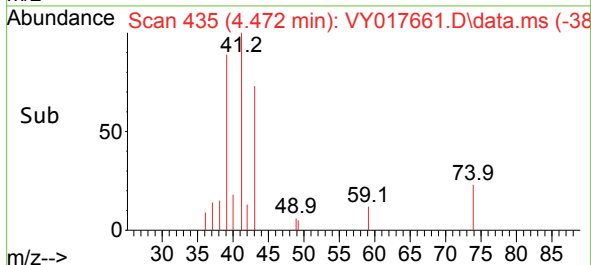
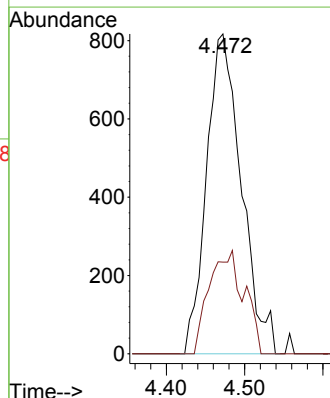
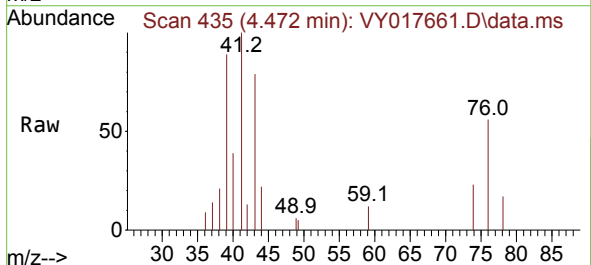
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

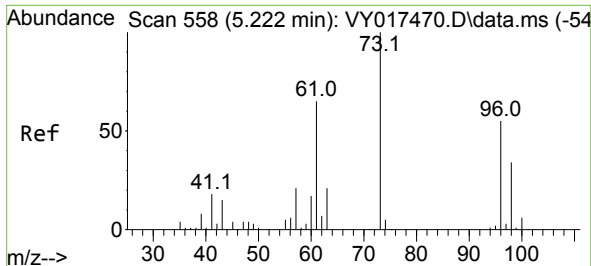
Tgt Ion: 76 Resp: 7669
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.677 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 43 Resp: 2522
Ion Ratio Lower Upper
43 100
74 32.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.074 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

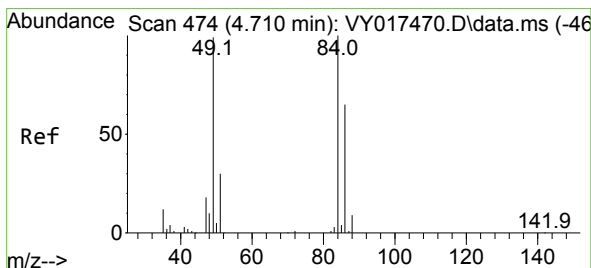
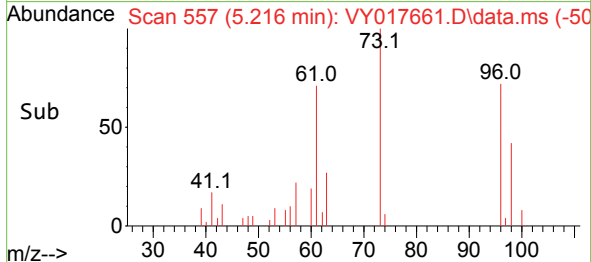
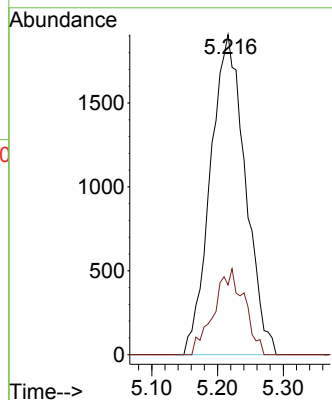
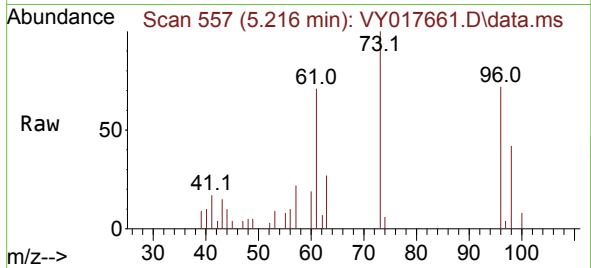
MDL07

Tgt Ion: 73 Resp: 7022

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 4.525 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Tgt Ion: 84 Resp: 9159

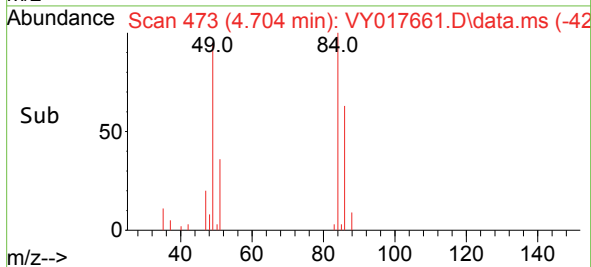
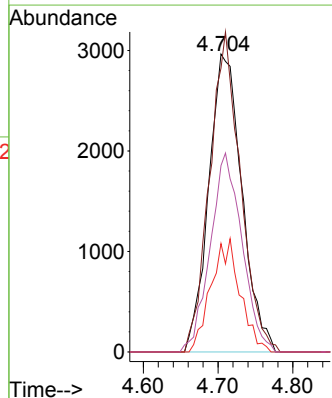
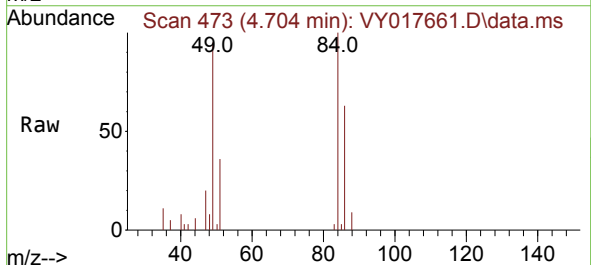
Ion Ratio Lower Upper

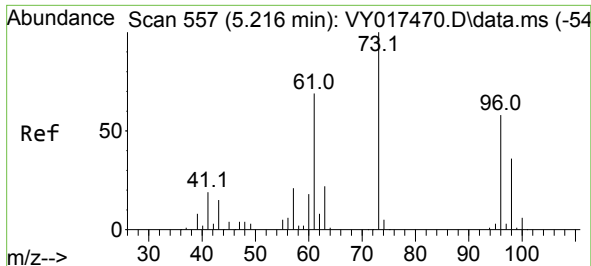
84 100

49 95.3 84.4 126.6

51 36.4 26.0 39.0

86 62.6 49.5 74.3

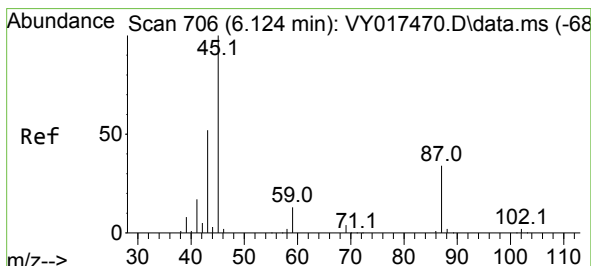
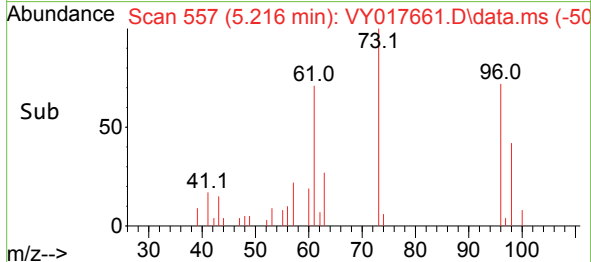
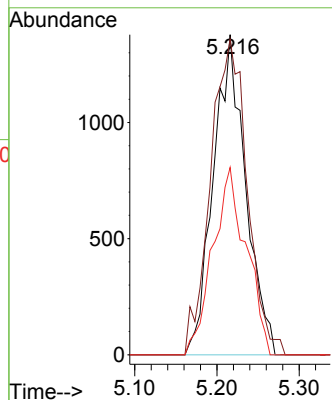
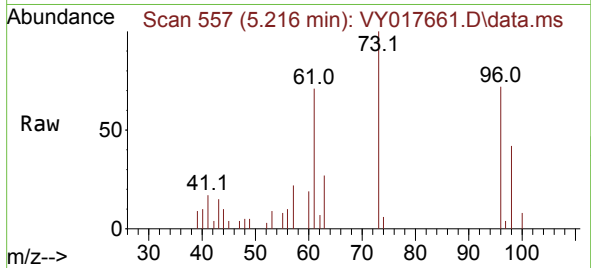




#21
trans-1,2-Dichloroethene
Concen: 2.204 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

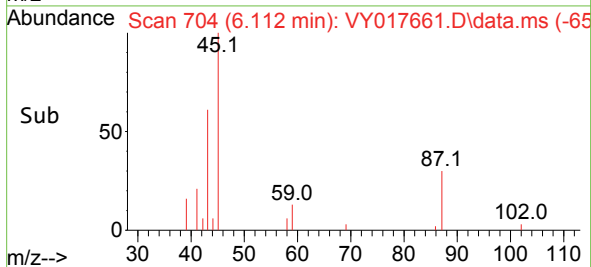
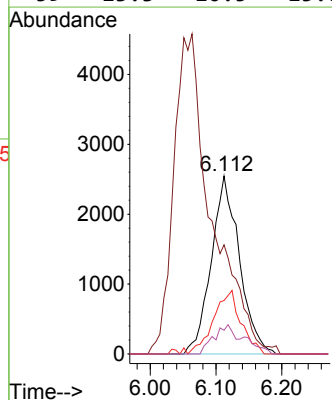
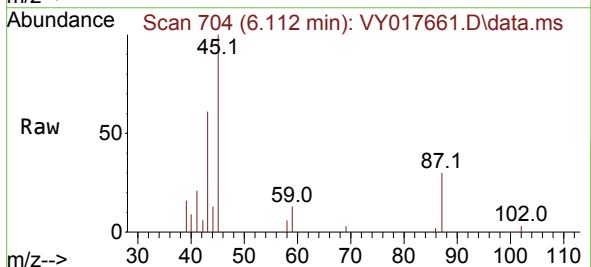
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

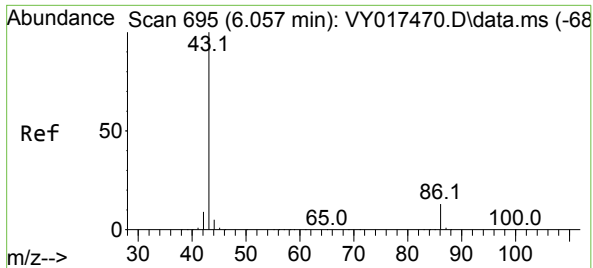
Tgt Ion: 96 Resp: 3749
Ion Ratio Lower Upper
96 100
61 98.5 97.5 146.3
98 58.5 50.5 75.7



#22
Diisopropyl ether
Concen: 1.873 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 45 Resp: 7587
Ion Ratio Lower Upper
45 100
43 61.3 42.2 63.2
87 30.0 25.0 37.6
59 13.3 10.5 15.7

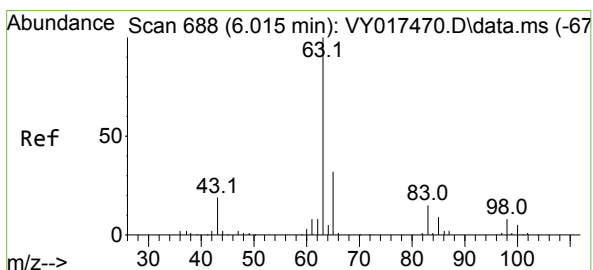
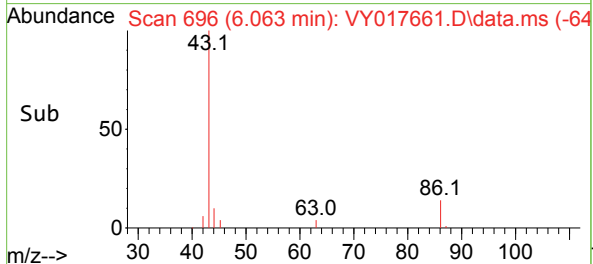
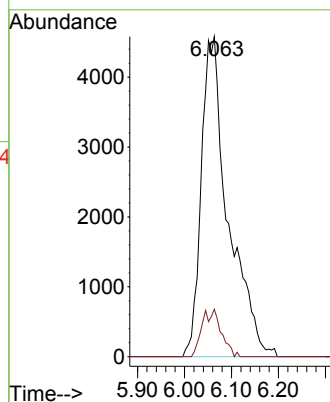
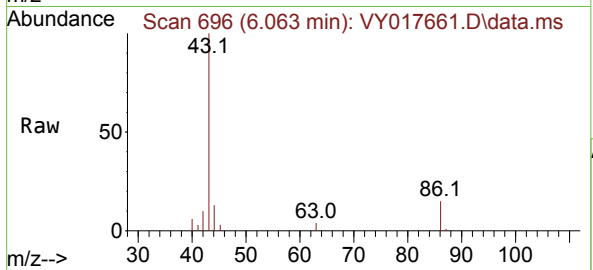




#23
 Vinyl Acetate
 Concen: 7.546 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

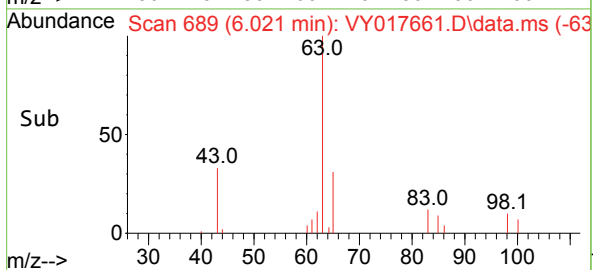
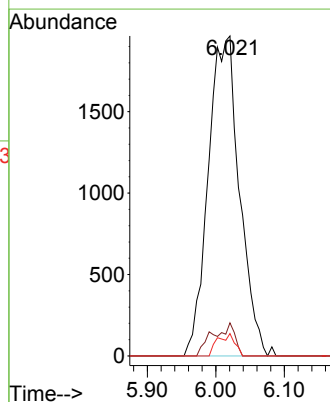
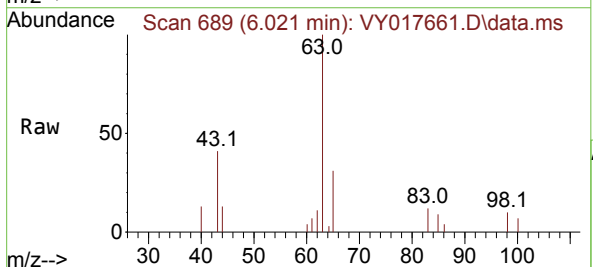
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

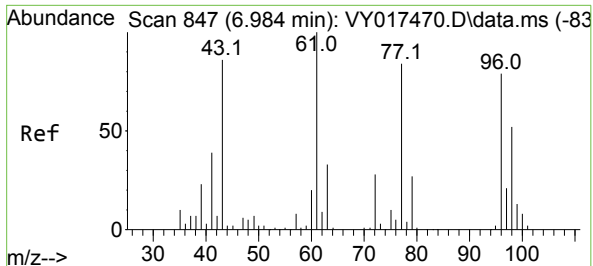
Tgt Ion: 43 Resp: 18216
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.254 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

Tgt Ion: 63 Resp: 6239
 Ion Ratio Lower Upper
 63 100
 98 10.3 4.0 12.2
 100 7.0 2.6 8.0





#25

2-Butanone

Concen: 11.794 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

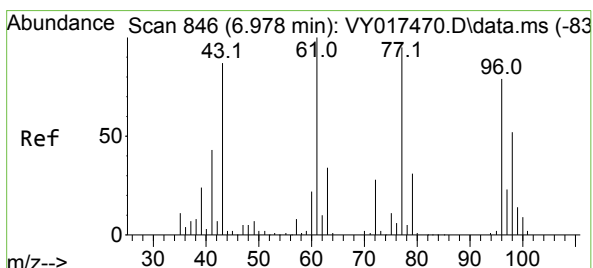
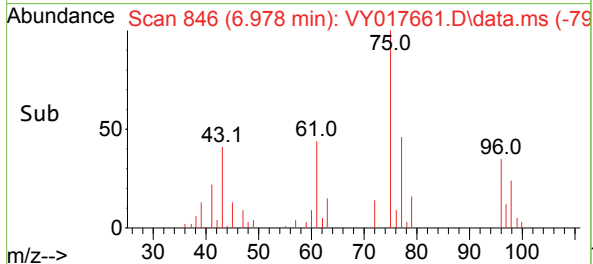
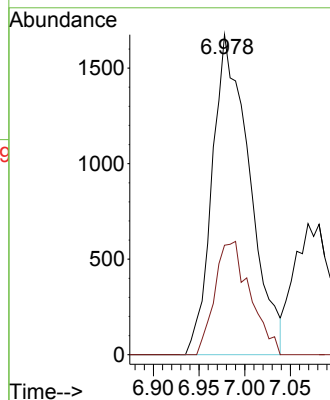
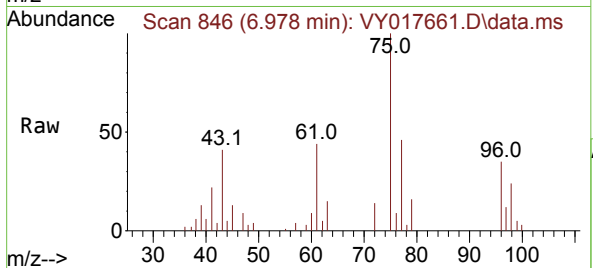
MDL07

Tgt Ion: 43 Resp: 4752

Ion Ratio Lower Upper

43 100

72 34.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.384 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY017661.D

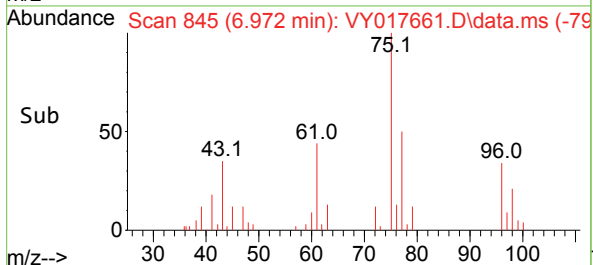
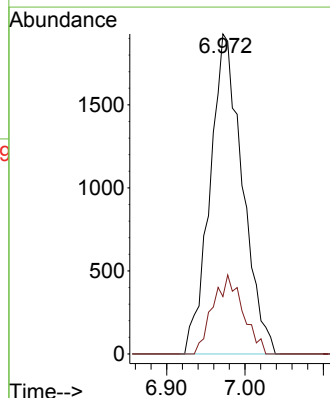
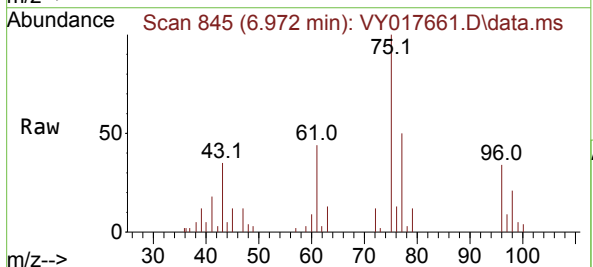
Acq: 14 Mar 2024 13:34

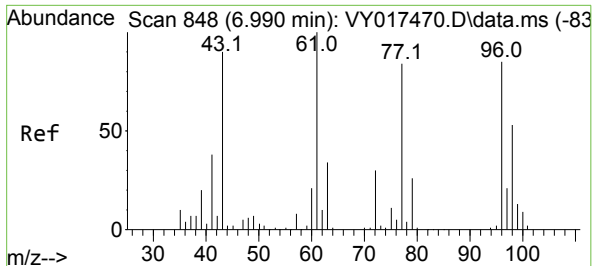
Tgt Ion: 77 Resp: 5548

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.1

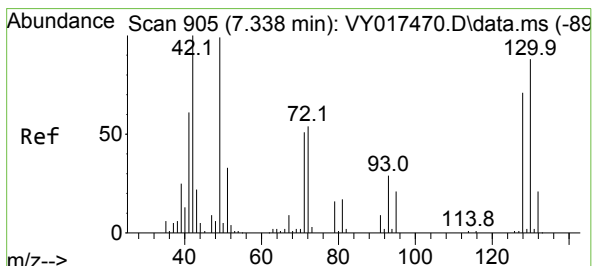
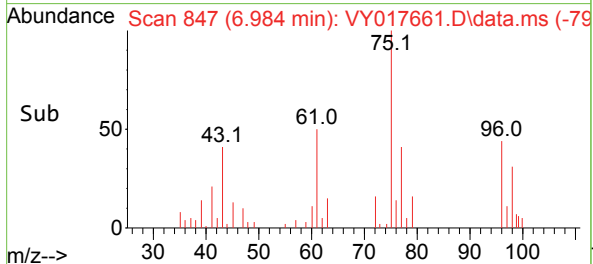
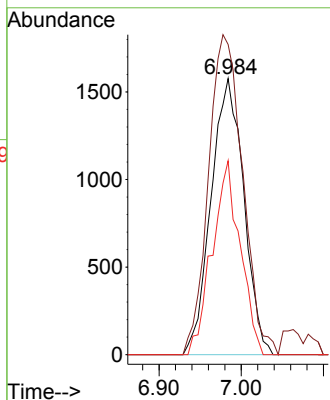
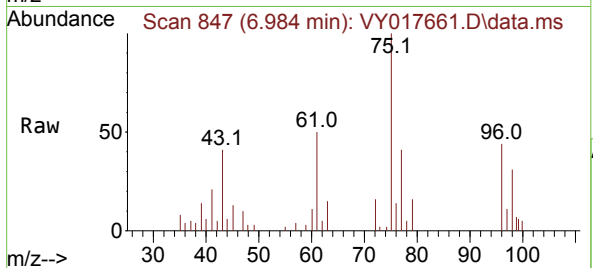




#27
 cis-1,2-Dichloroethene
 Concen: 2.281 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

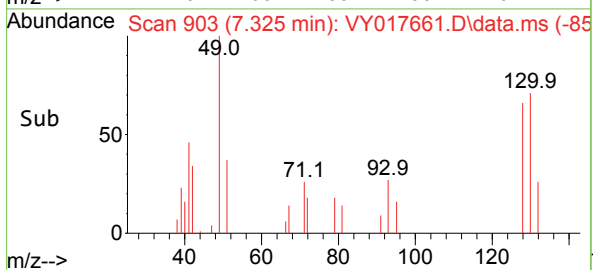
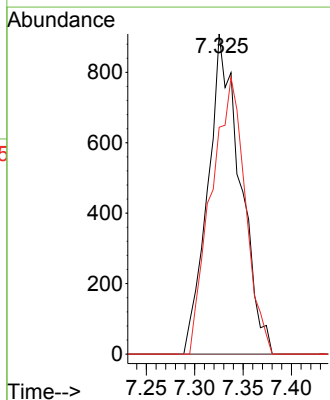
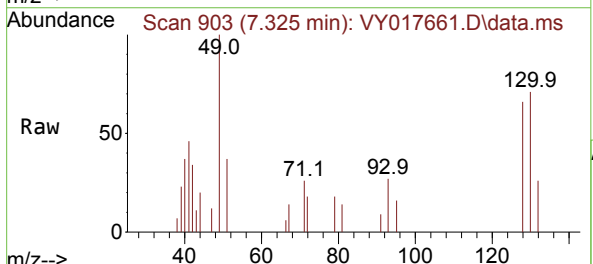
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

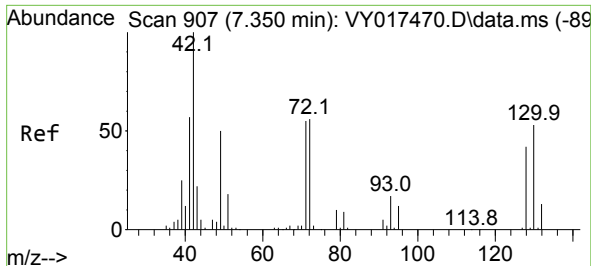
Tgt Ion: 96	Resp:	4357	
Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	256.2
98	60.2	0.0	130.0



#28
 Bromochloromethane
 Concen: 1.945 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.012 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

Tgt Ion: 49	Resp:	2120	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	90.9	72.7	109.1





#29

Tetrahydrofuran

Concen: 9.165 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

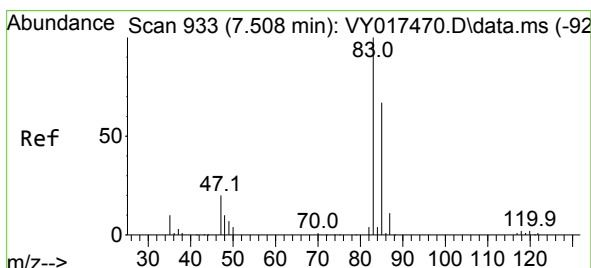
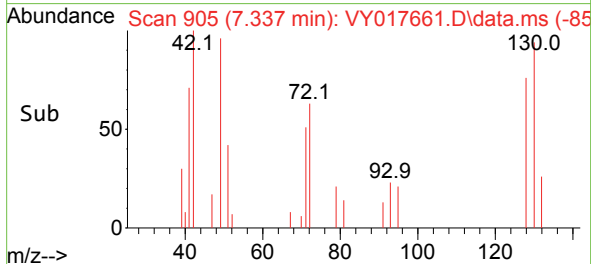
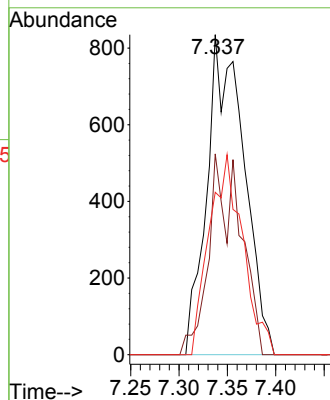
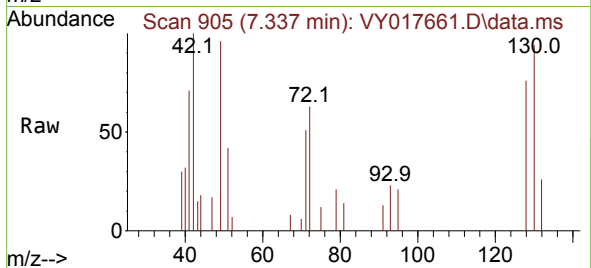
Tgt Ion: 42 Resp: 2226

Ion Ratio Lower Upper

42 100

72 29.7 43.0 64.4#

71 56.7 40.8 61.2



#30

Chloroform

Concen: 2.310 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017661.D

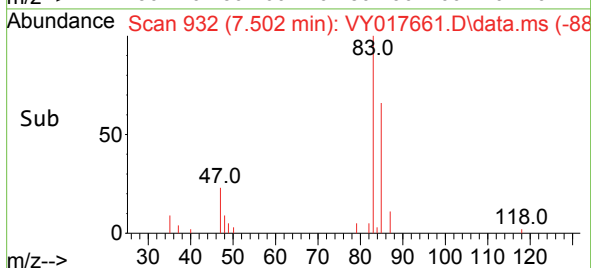
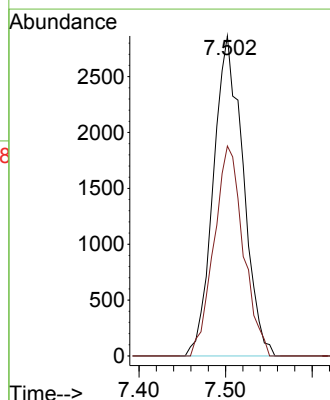
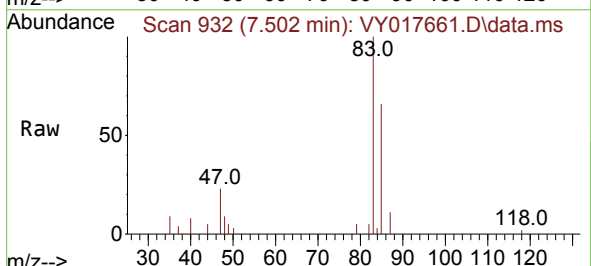
Acq: 14 Mar 2024 13:34

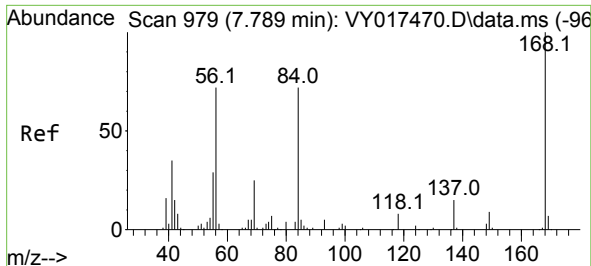
Tgt Ion: 83 Resp: 6807

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

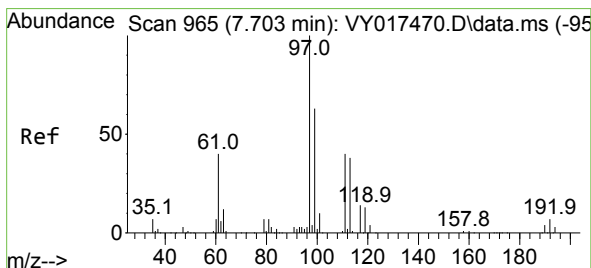
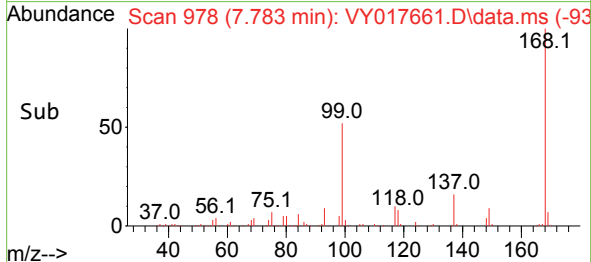
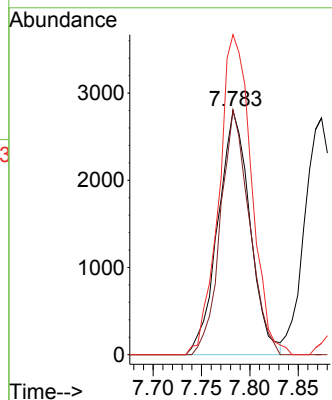
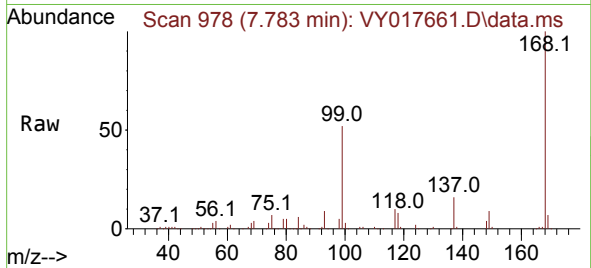




#31
Cyclohexane
Concen: 2.714 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

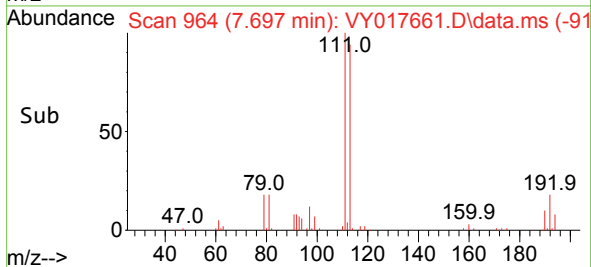
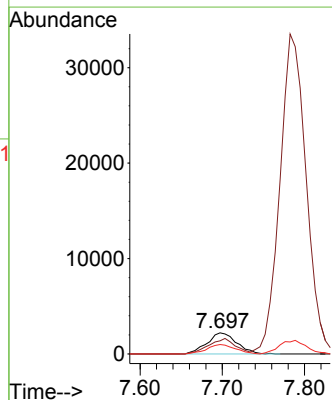
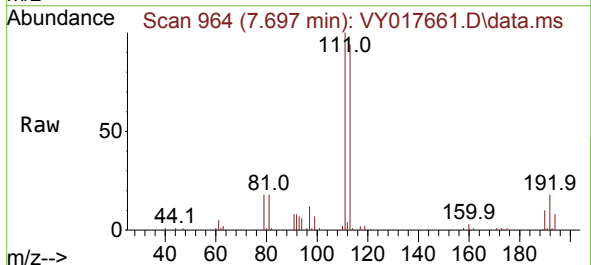
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

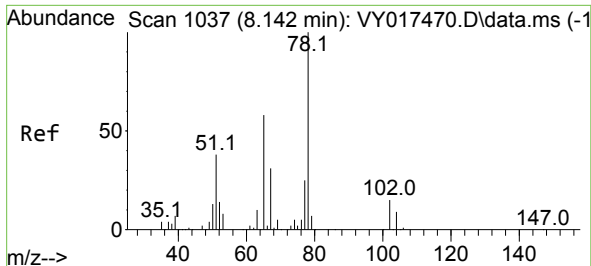
Tgt Ion: 56 Resp: 6437
Ion Ratio Lower Upper
56 100
69 100.4 28.7 43.1#
84 131.2 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.164 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 97 Resp: 5537
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.654 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

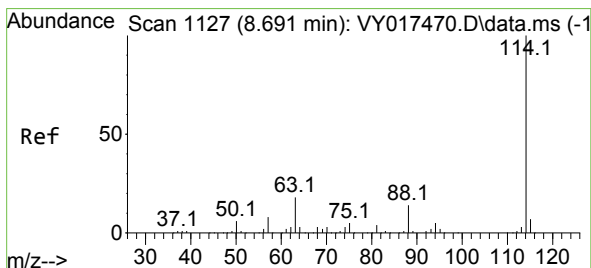
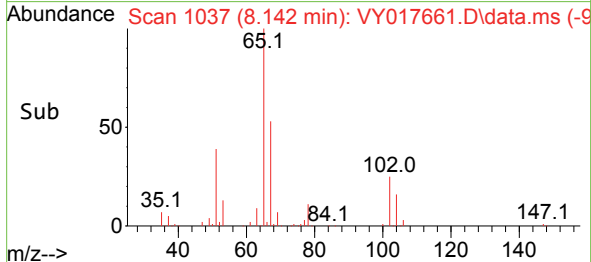
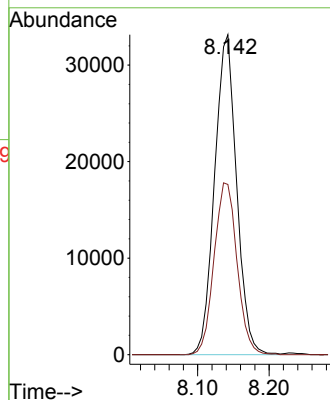
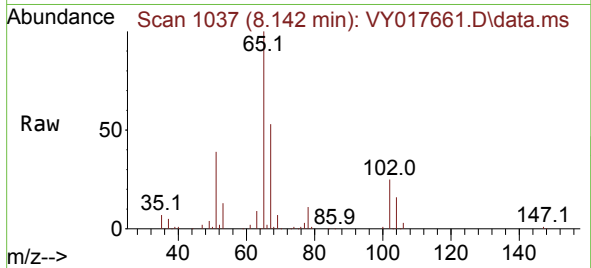
MDL07

Tgt Ion: 65 Resp: 70921

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

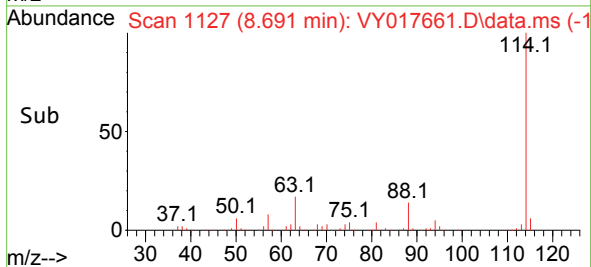
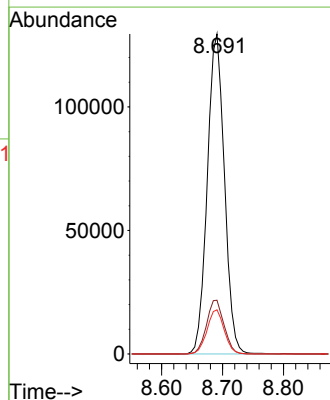
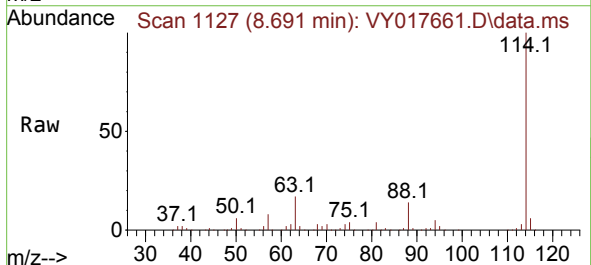
Tgt Ion: 114 Resp: 252951

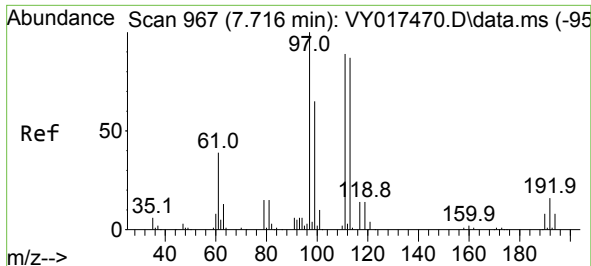
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.8 0.0 27.2

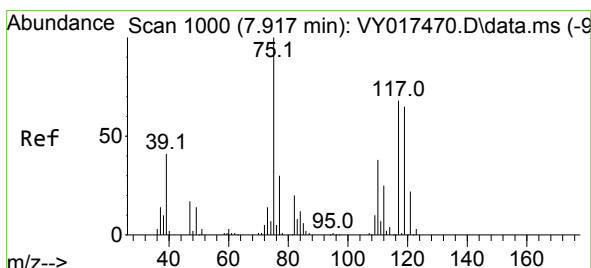
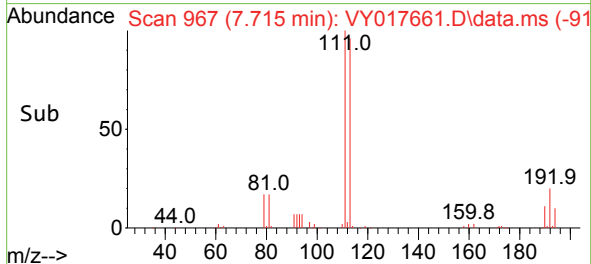
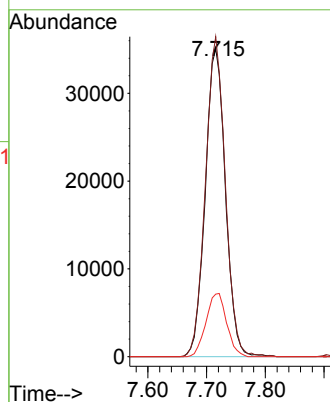
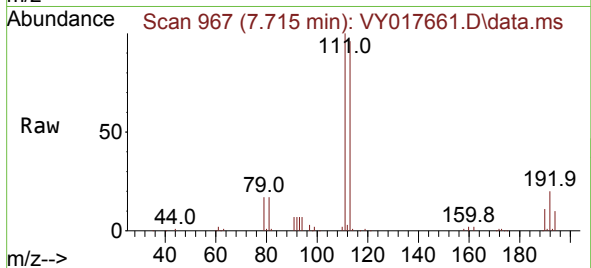




#35
Dibromofluoromethane
Concen: 47.492 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

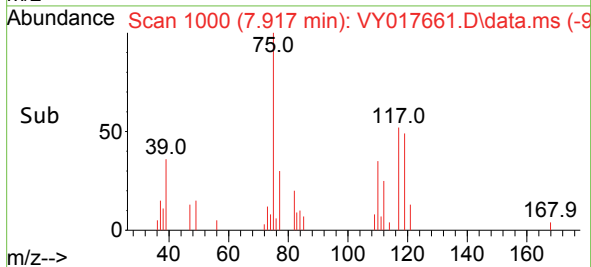
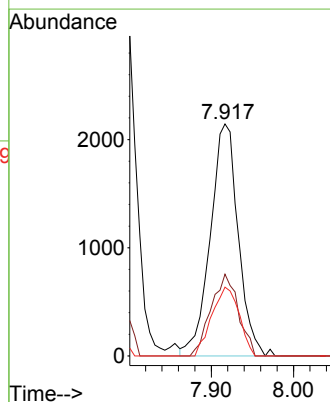
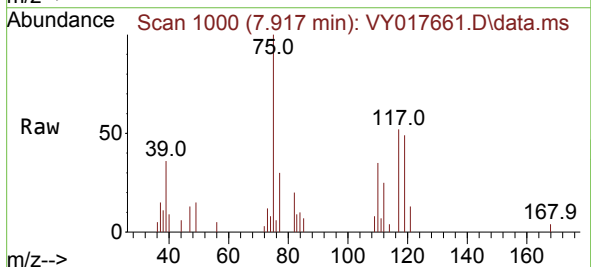
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

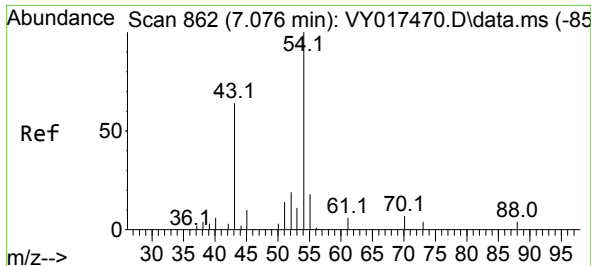
Tgt Ion:113 Resp: 83712
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.131 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 75 Resp: 5068
Ion Ratio Lower Upper
75 100
110 34.3 19.0 57.0
77 28.9 25.3 37.9





#37

Ethyl Acetate

Concen: 2.172 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

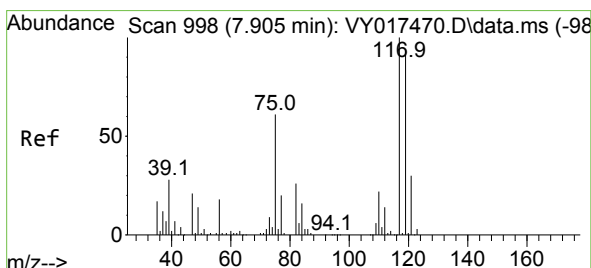
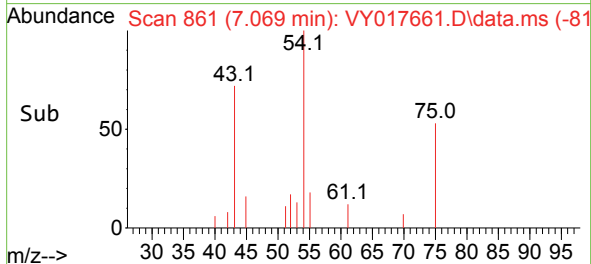
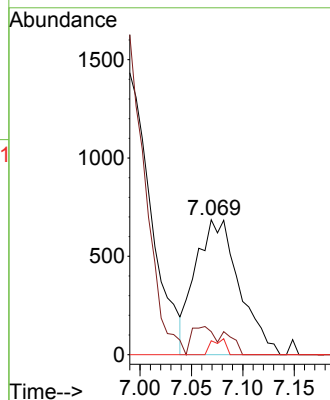
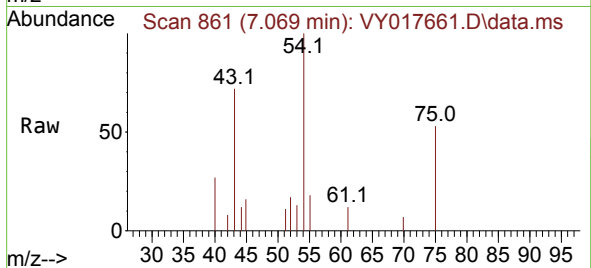
Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

61 10.6 12.6 19.0#

70 3.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.118 ug/l

RT: 7.904 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

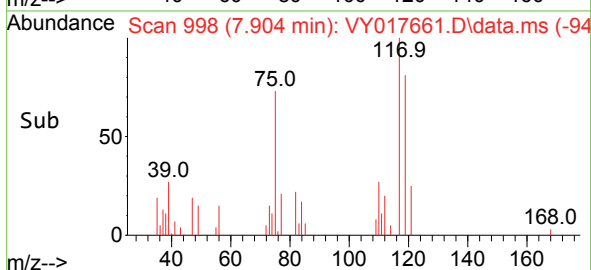
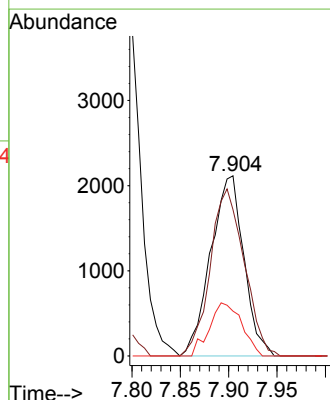
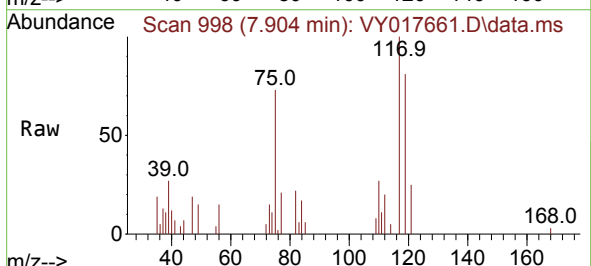
Tgt Ion: 117 Resp: 5048

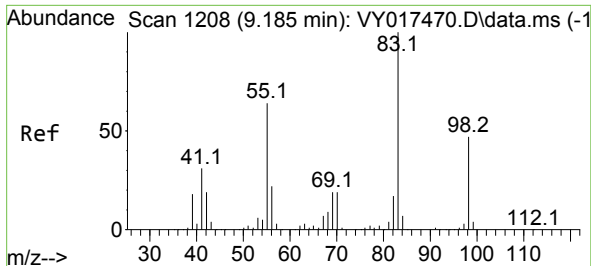
Ion Ratio Lower Upper

117 100

119 81.1 75.8 113.6

121 24.9 24.0 36.0





#39

Methylcyclohexane

Concen: 1.893 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

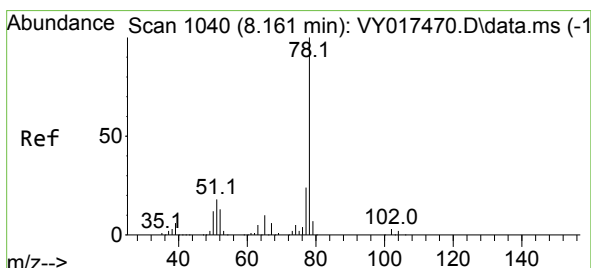
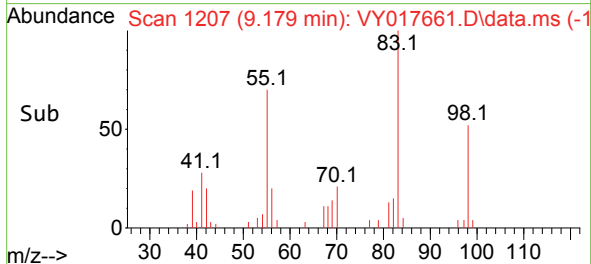
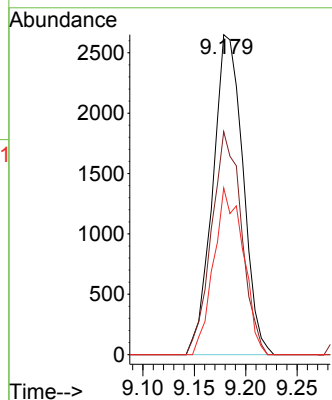
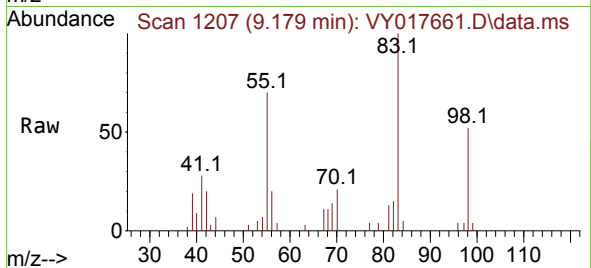
Tgt Ion: 83 Resp: 5410

Ion Ratio Lower Upper

83 100

55 69.7 51.5 77.3

98 52.1 40.5 60.7



#40

Benzene

Concen: 2.119 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017661.D

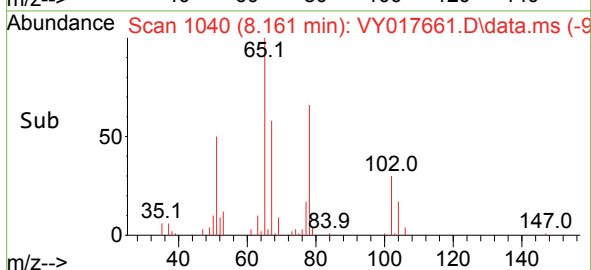
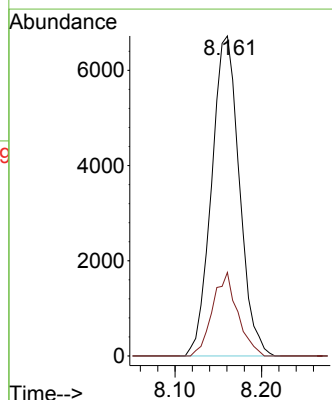
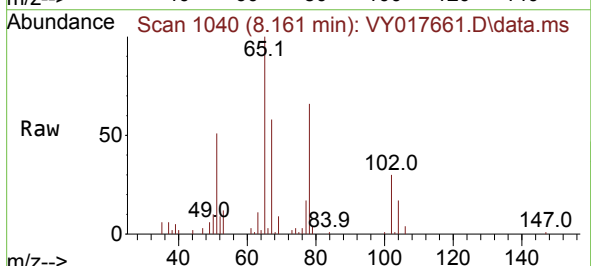
Acq: 14 Mar 2024 13:34

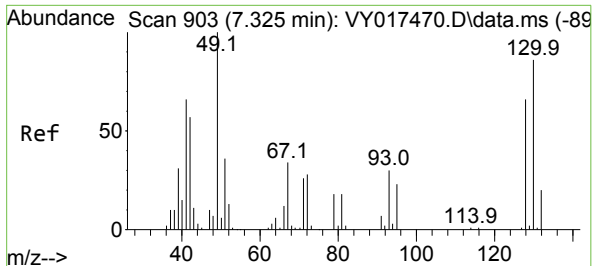
Tgt Ion: 78 Resp: 14967

Ion Ratio Lower Upper

78 100

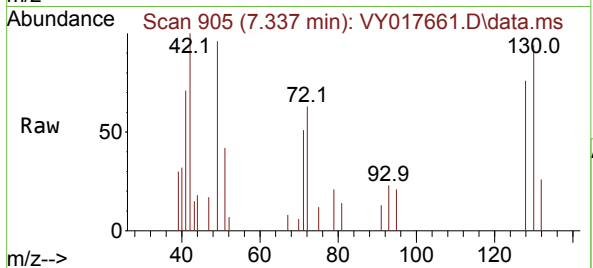
77 26.1 19.5 29.3



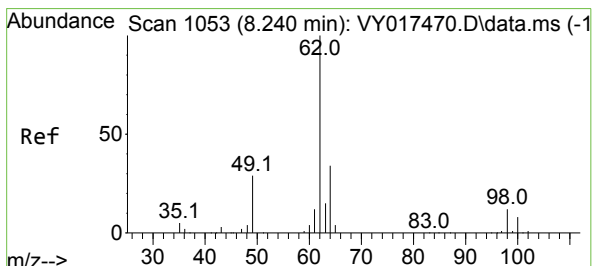
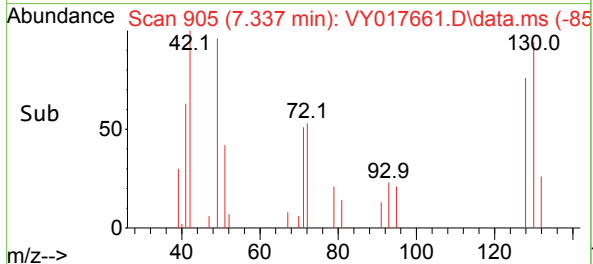
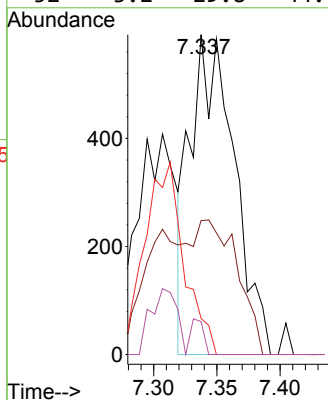


#41
Methacrylonitrile
Concen: 3.027 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

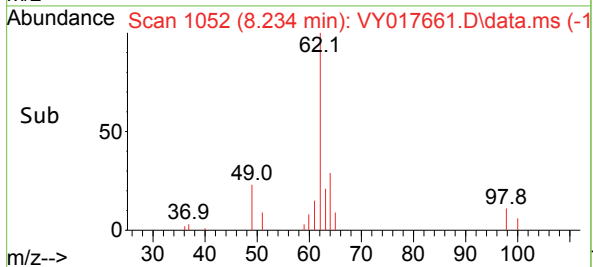
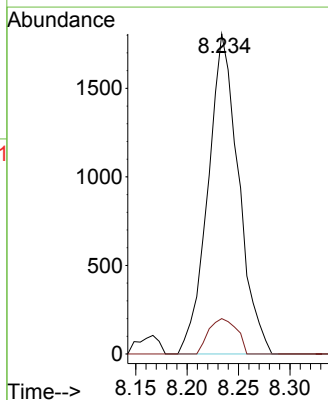
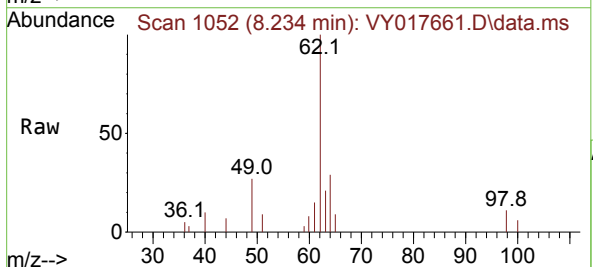


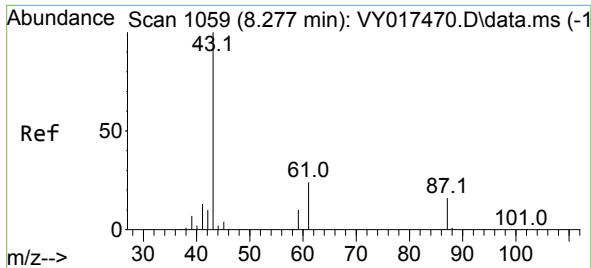
Tgt Ion: 41 Resp: 1427
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 3.2 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.174 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 62 Resp: 3746
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0

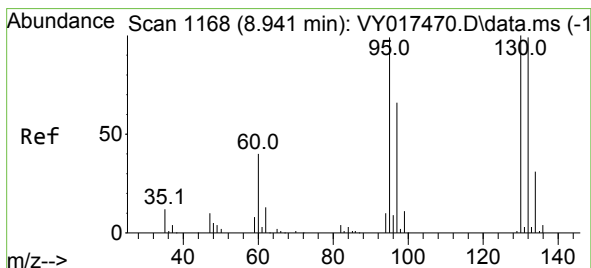
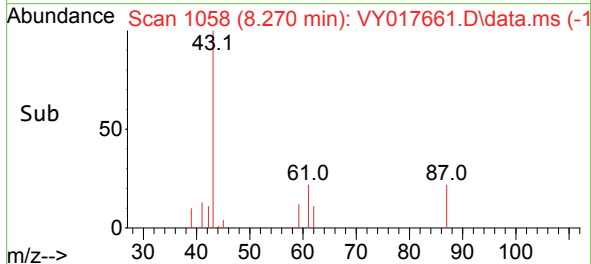
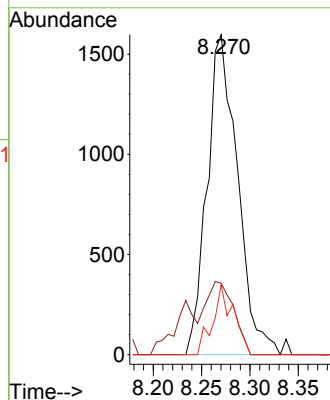
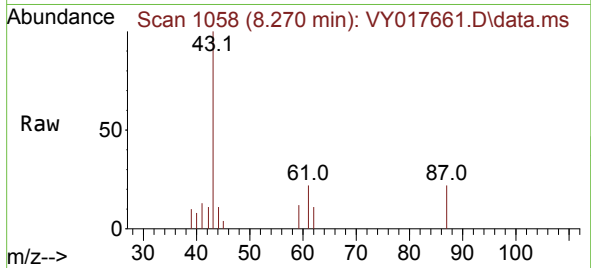




#43
Isopropyl Acetate
Concen: 2.114 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

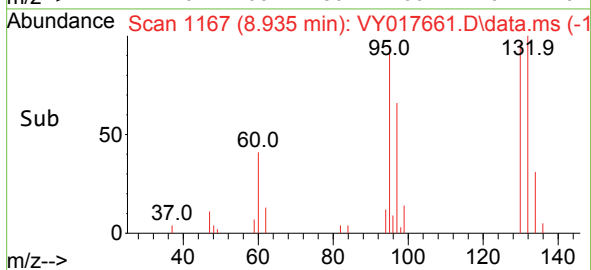
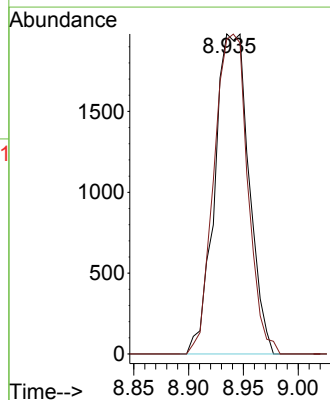
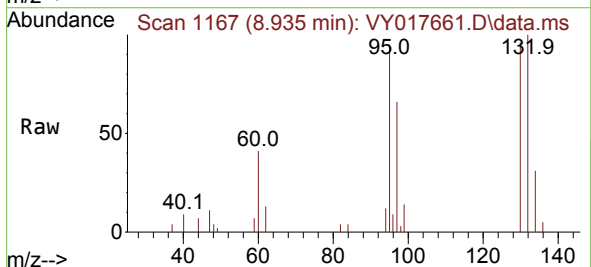
Instrument : MSVOA_Y
ClientSampleId : MDL07

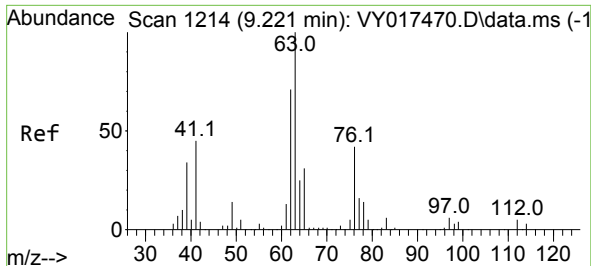
Tgt Ion: 43 Resp: 3490
Ion Ratio Lower Upper
43 100
61 21.2 27.9 41.9#
87 14.9 13.1 19.7



#44
Trichloroethene
Concen: 2.107 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion:130 Resp: 4289
Ion Ratio Lower Upper
130 100
95 98.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.160 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

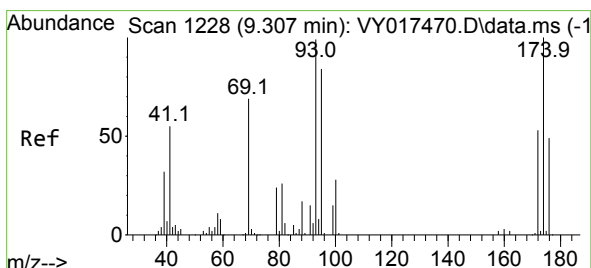
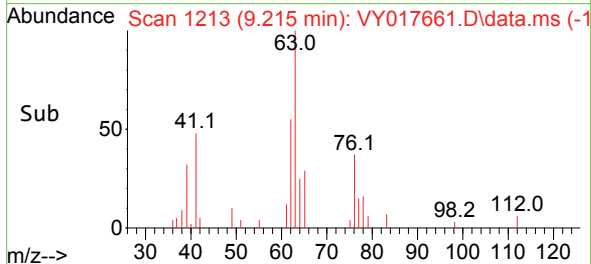
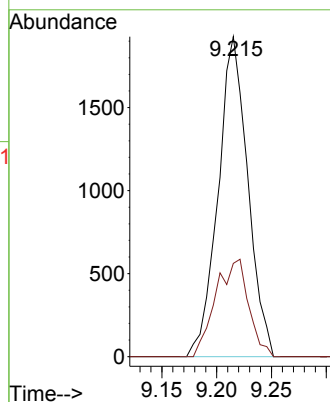
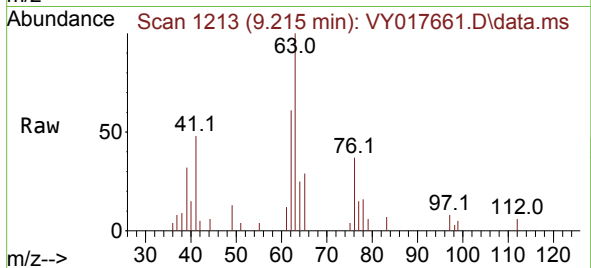
MDL07

Tgt Ion: 63 Resp: 3630

Ion Ratio Lower Upper

63 100

65 29.2 25.4 38.2



#46

Dibromomethane

Concen: 2.232 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

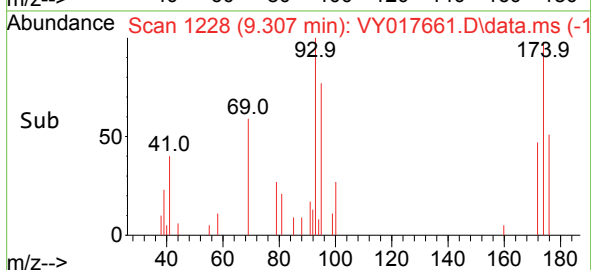
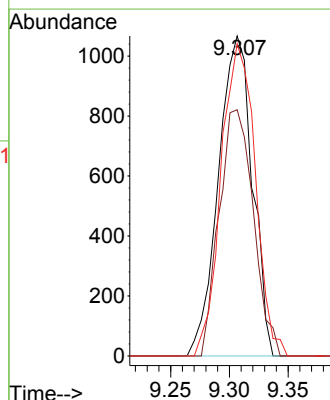
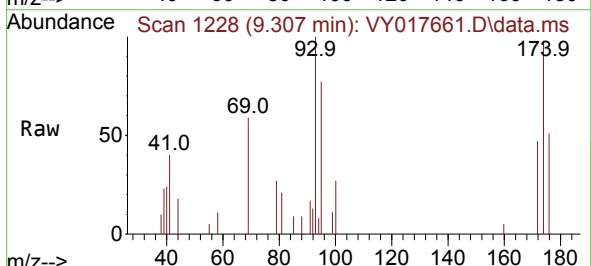
Tgt Ion: 93 Resp: 2146

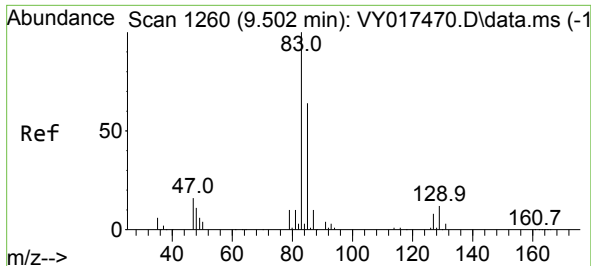
Ion Ratio Lower Upper

93 100

95 77.6 66.2 99.4

174 98.0 80.9 121.3

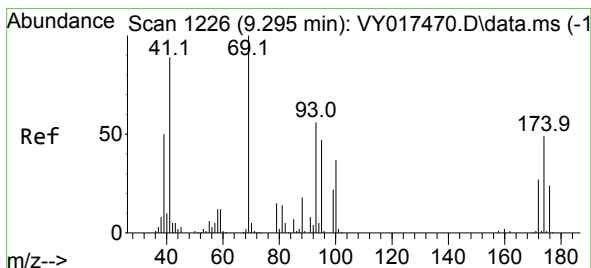
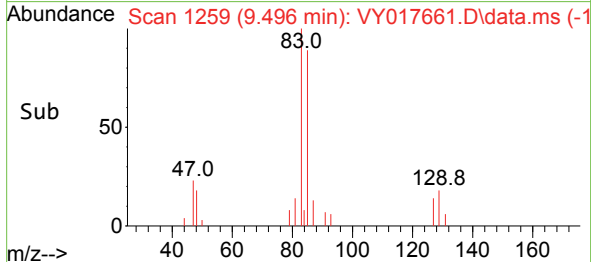
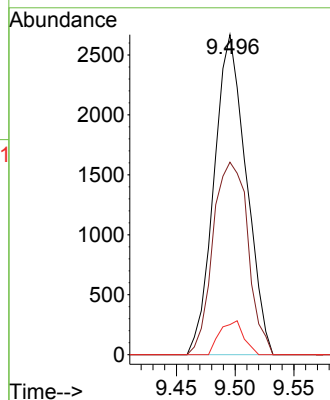
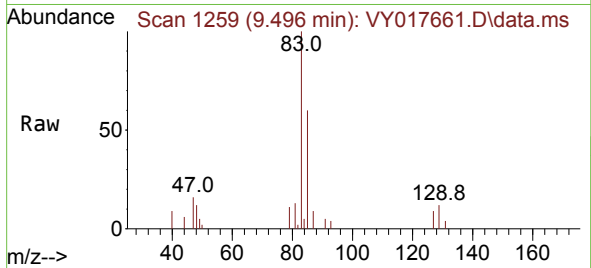




#47
Bromodichloromethane
Concen: 2.171 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

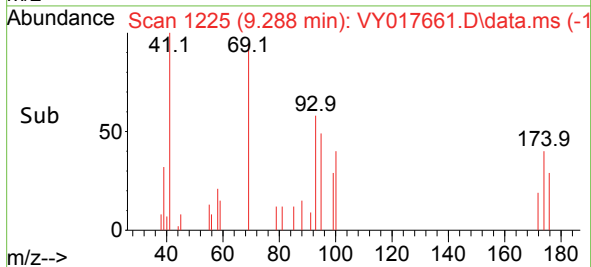
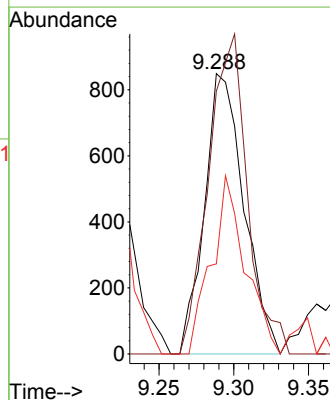
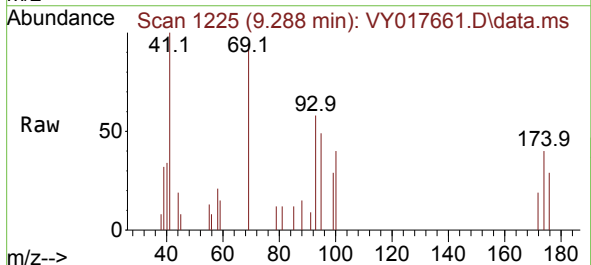
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

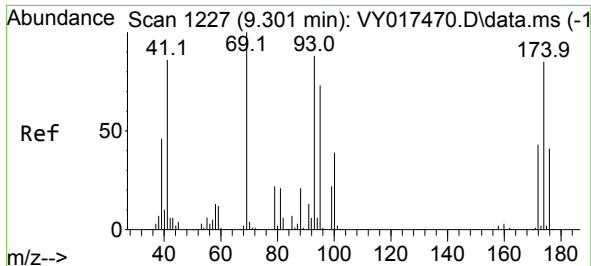
Tgt Ion: 83 Resp: 5069
Ion Ratio Lower Upper
83 100
85 60.1 50.1 75.1
127 9.4 7.4 11.0



#48
Methyl methacrylate
Concen: 2.047 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 41 Resp: 1564
Ion Ratio Lower Upper
41 100
69 112.0 84.1 126.1
39 54.4 43.6 65.4





#49

1,4-Dioxane

Concen: 37.030 ug/l

RT: 9.294 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

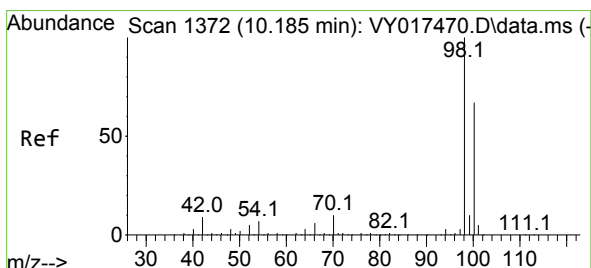
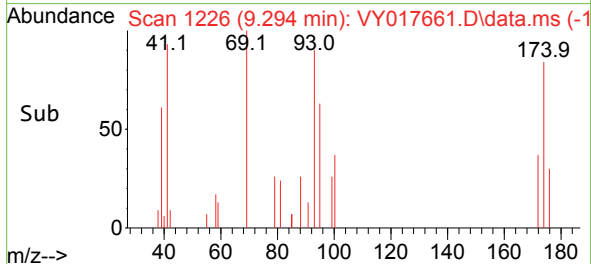
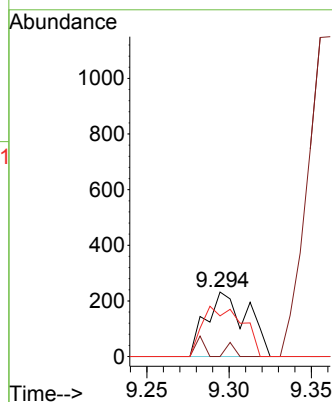
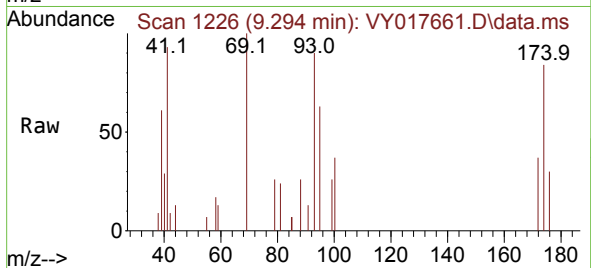
Tgt Ion: 88 Resp: 403

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.2 49.3 73.9#



#50

Toluene-d8

Concen: 48.008 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017661.D

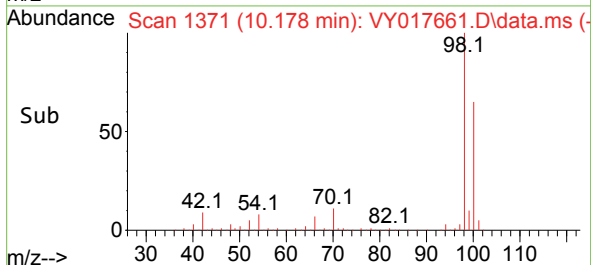
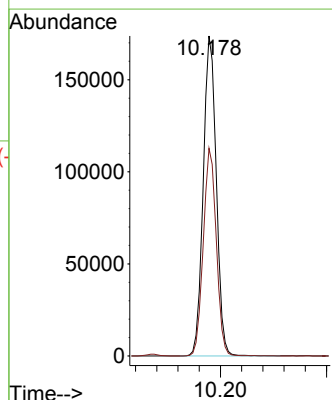
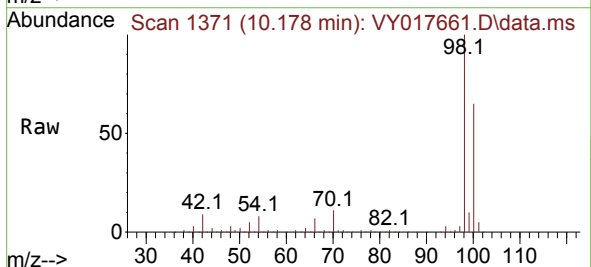
Acq: 14 Mar 2024 13:34

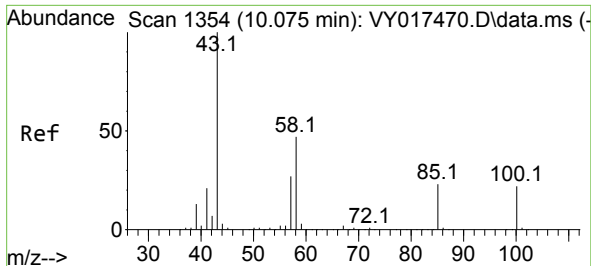
Tgt Ion: 98 Resp: 295866

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

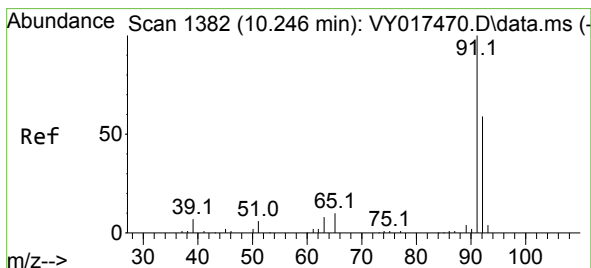
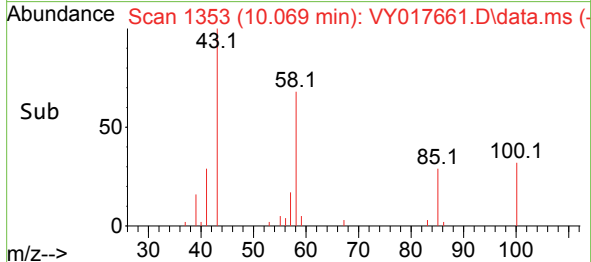
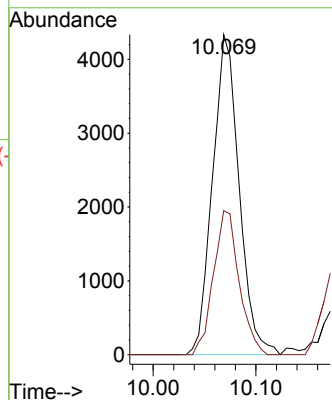
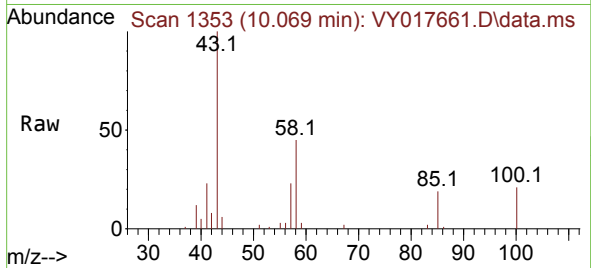




#51
4-Methyl-2-Pentanone
Concen: 8.452 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

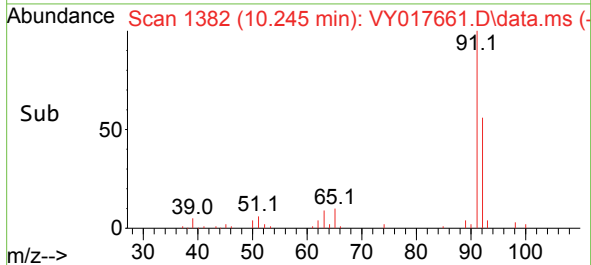
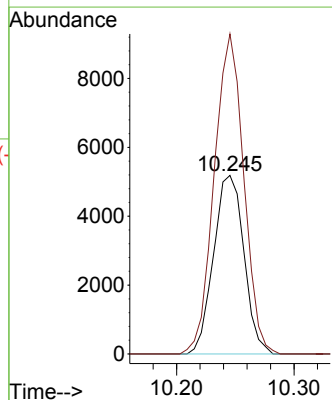
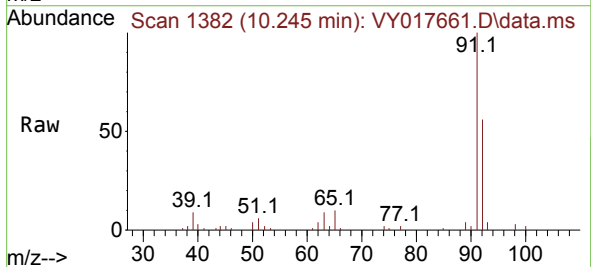
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

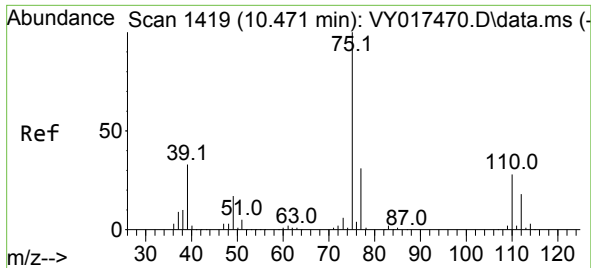
Tgt Ion: 43 Resp: 7775
Ion Ratio Lower Upper
43 100
58 43.6 35.7 53.5



#52
Toluene
Concen: 2.088 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 92 Resp: 9296
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6

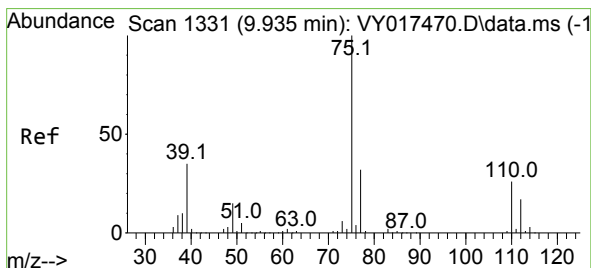
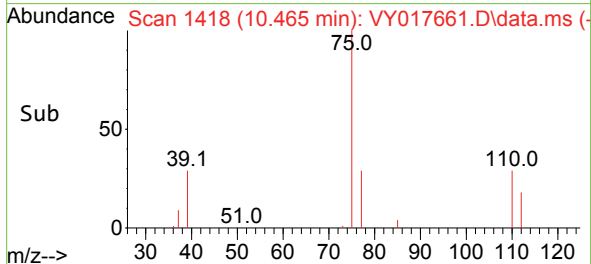
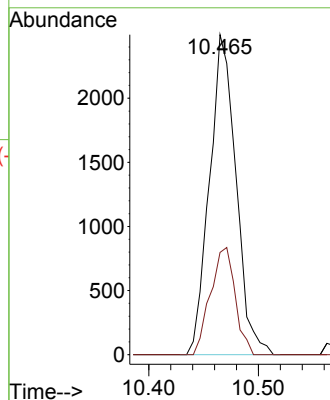
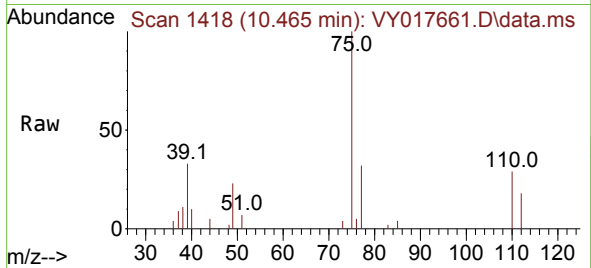




#53
 t-1,3-Dichloropropene
 Concen: 1.936 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

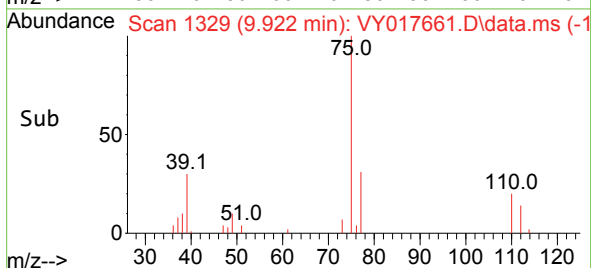
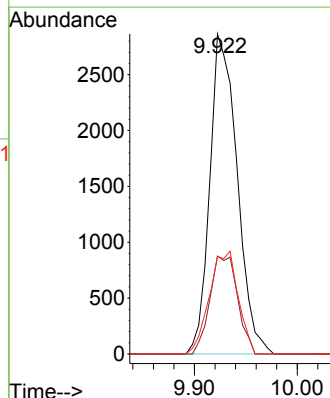
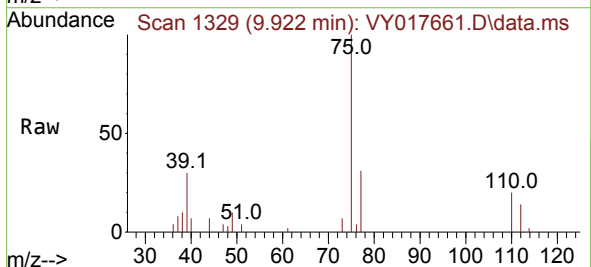
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

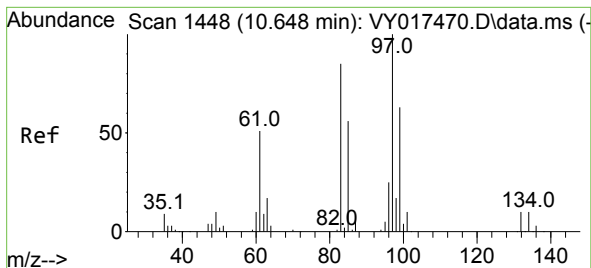
Tgt Ion: 75 Resp: 4195
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 2.007 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.012 min
 Lab File: VY017661.D
 Acq: 14 Mar 2024 13:34

Tgt Ion: 75 Resp: 5286
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 30.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.161 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 2951

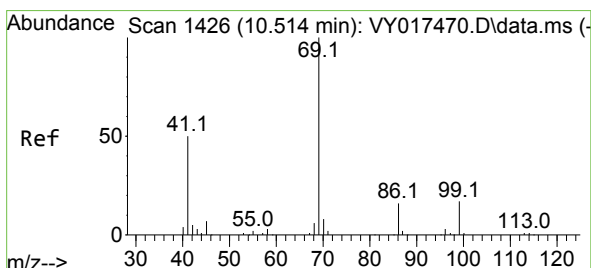
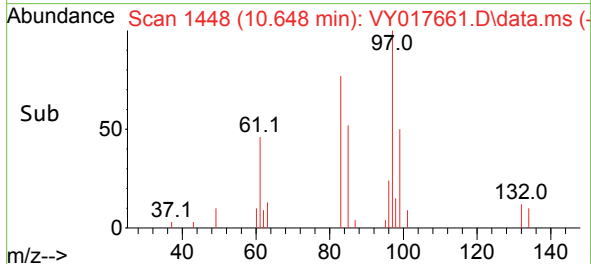
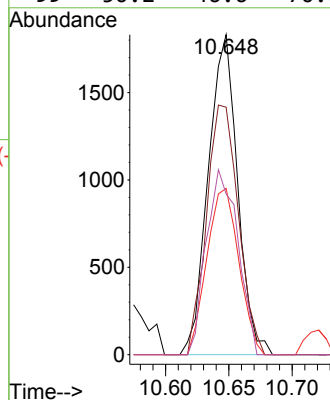
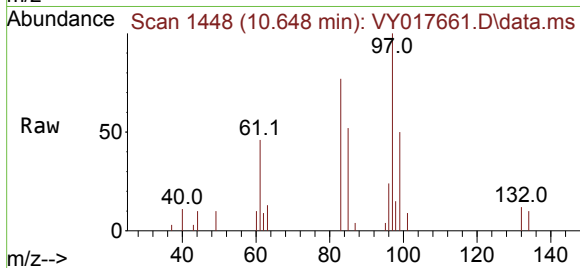
Ion Ratio Lower Upper

97 100

83 77.3 67.5 101.3

85 51.9 42.9 64.3

99 50.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 1.305 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

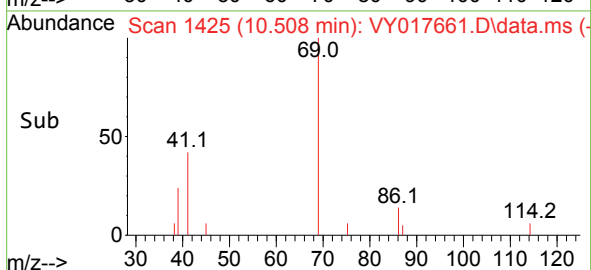
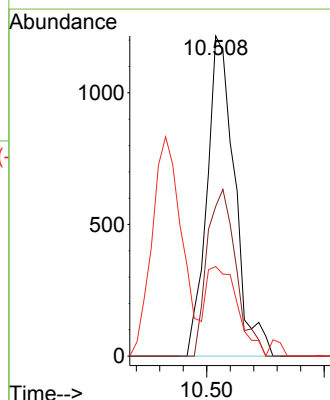
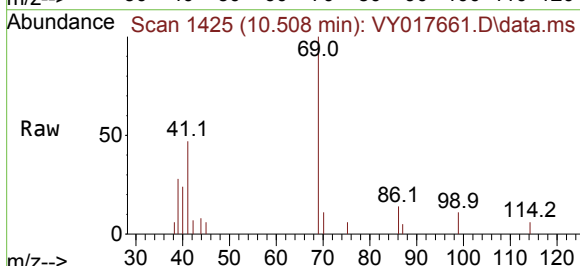
Tgt Ion: 69 Resp: 1998

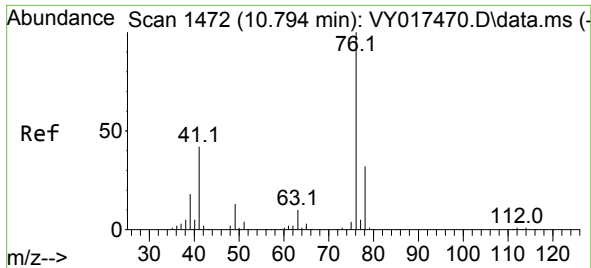
Ion Ratio Lower Upper

69 100

41 54.2 42.3 63.5

39 31.1 22.9 34.3

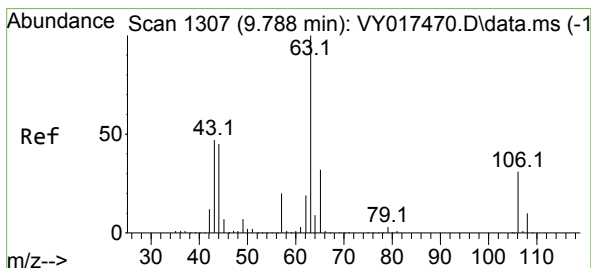
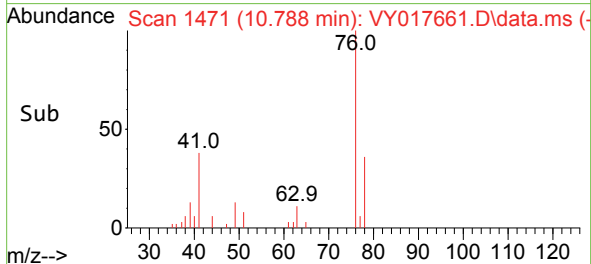
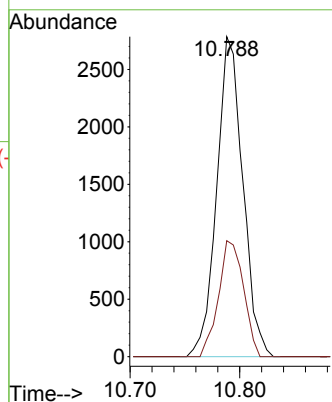
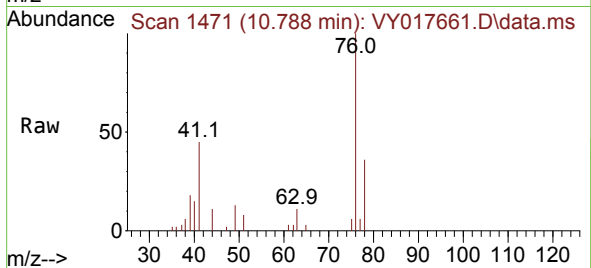




#57
1,3-Dichloropropane
Concen: 2.074 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

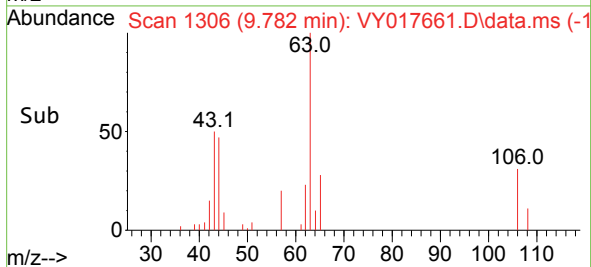
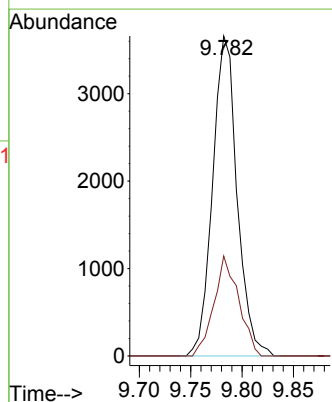
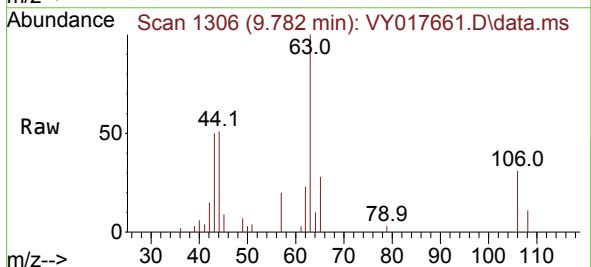
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

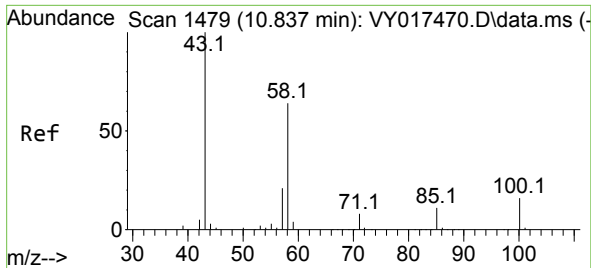
Tgt Ion	76	78
Resp:	4604	
Ion Ratio	100	34.7
Lower		26.2
Upper		39.4



#58
2-Chloroethyl Vinyl ether
Concen: 7.689 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion	63	106
Resp:	6058	
Ion Ratio	100	31.6
Lower		23.7
Upper		35.5

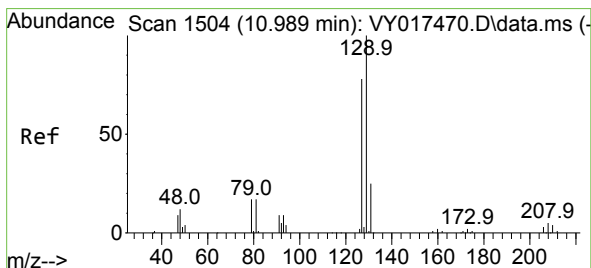
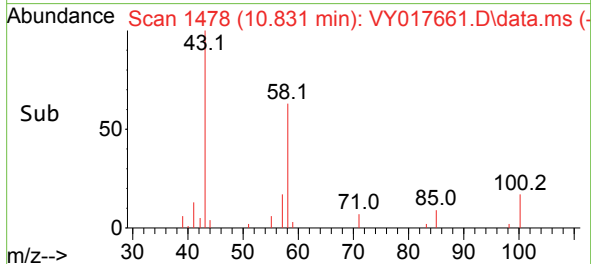
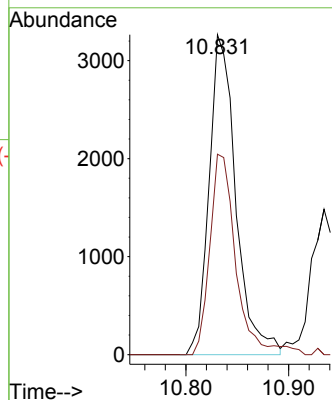
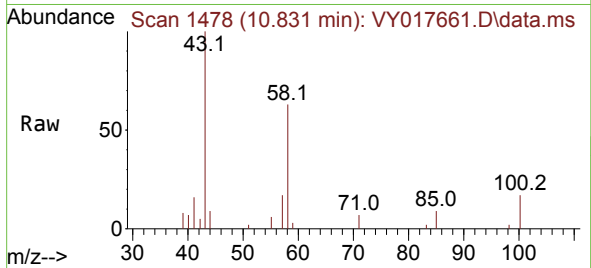




#59
2-Hexanone
Concen: 9.310 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

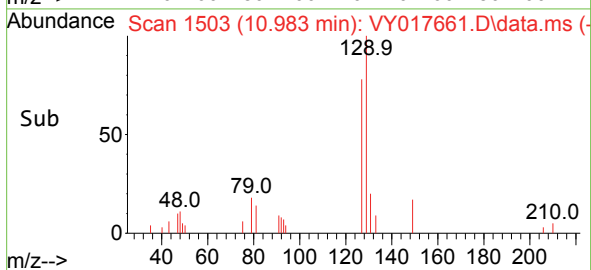
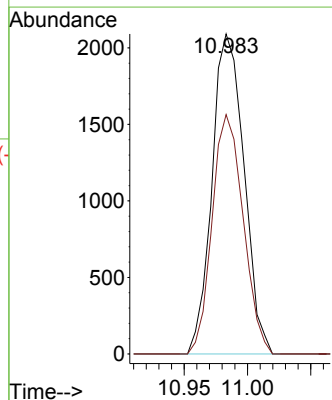
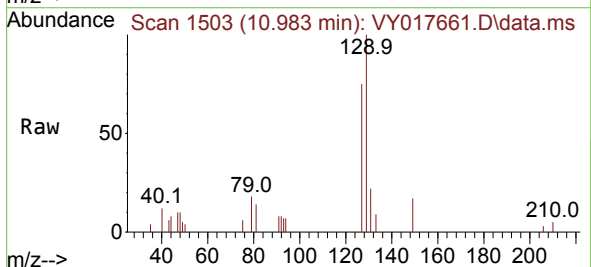
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

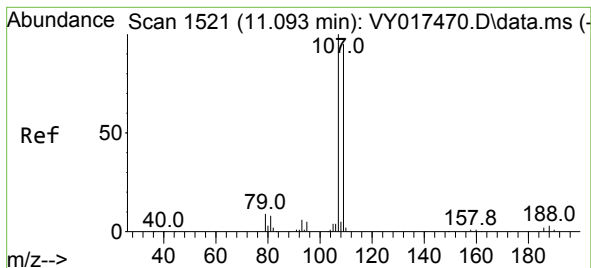
Tgt Ion: 43 Resp: 5883
Ion Ratio Lower Upper
43 100
58 61.4 31.4 94.0



#60
Dibromochloromethane
Concen: 2.272 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 129 Resp: 3670
Ion Ratio Lower Upper
129 100
127 72.7 39.0 117.0

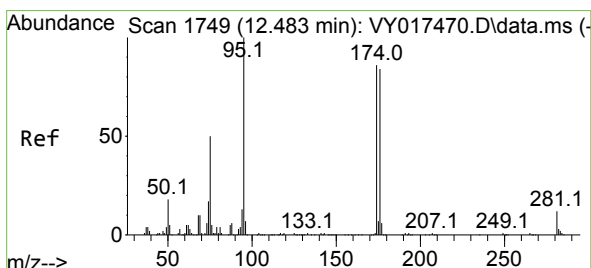
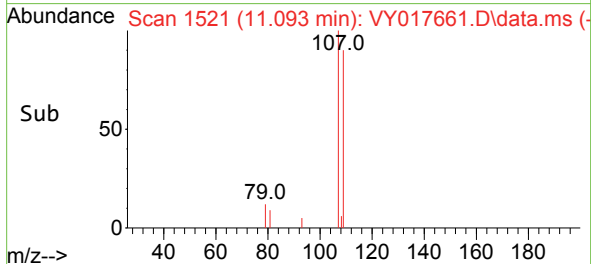
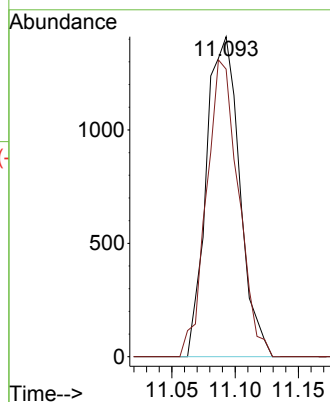
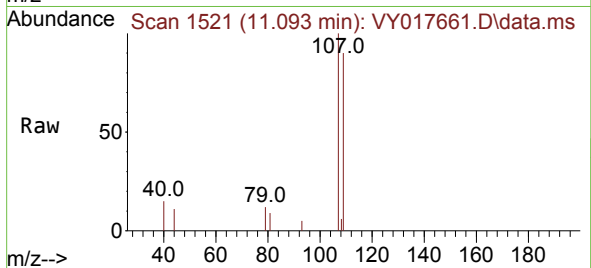




#61
1,2-Dibromoethane
Concen: 2.047 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

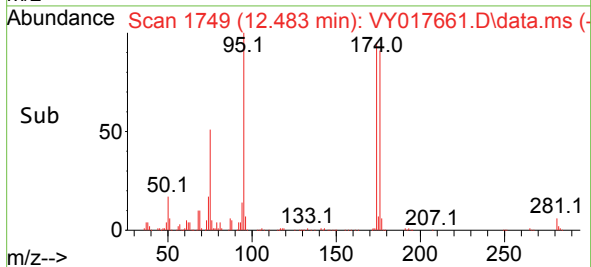
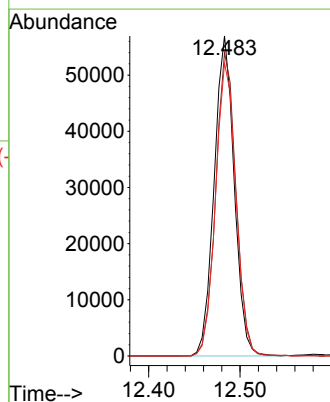
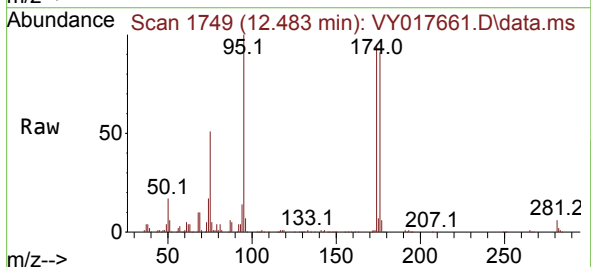
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

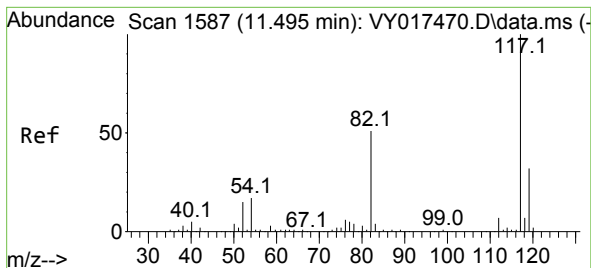
Tgt Ion:107 Resp: 2576
Ion Ratio Lower Upper
107 100
109 89.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.748 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 95 Resp: 86668
Ion Ratio Lower Upper
95 100
174 96.3 0.0 175.6
176 93.0 0.0 171.4

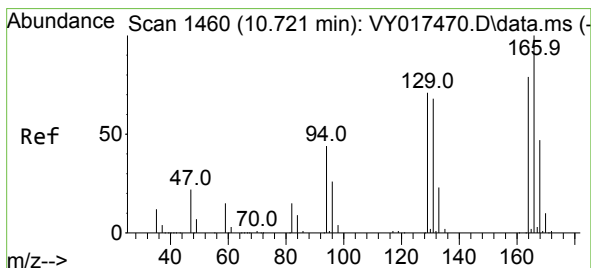
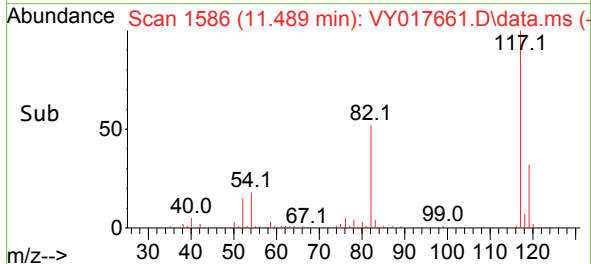
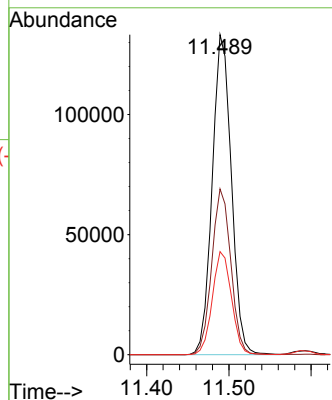
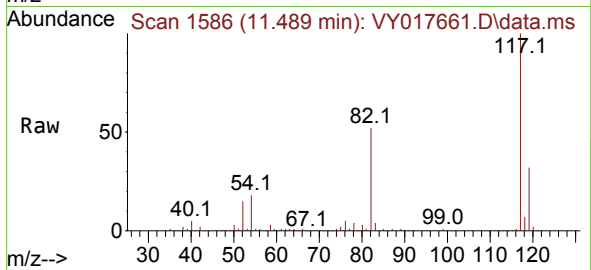




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

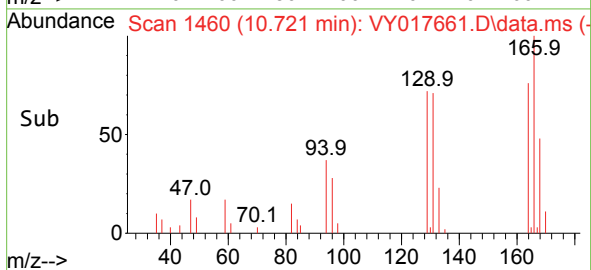
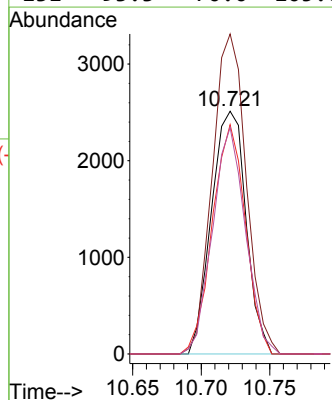
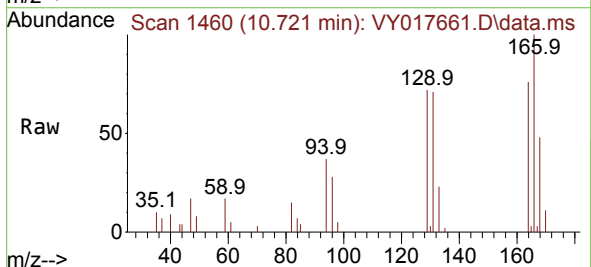
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

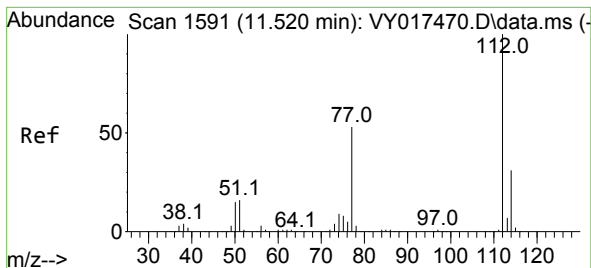
Tgt Ion:117 Resp: 215649
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 2.129 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion:164 Resp: 4406
Ion Ratio Lower Upper
164 100
166 131.8 102.6 154.0
129 94.5 72.0 108.0
131 93.3 70.0 105.0

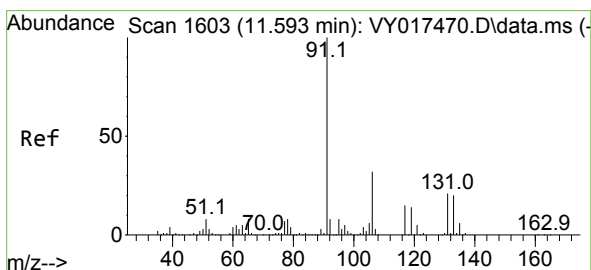
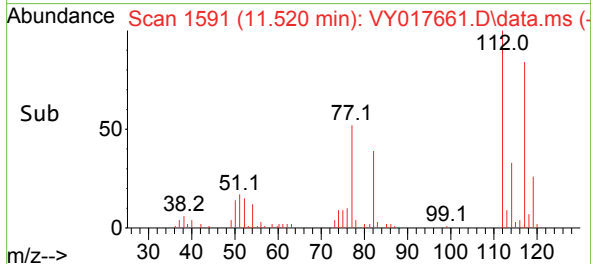
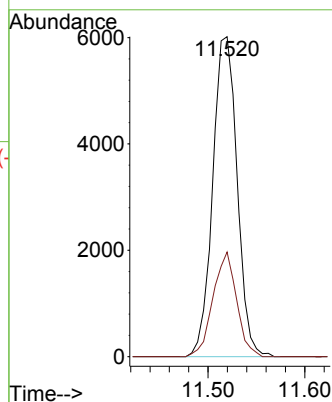
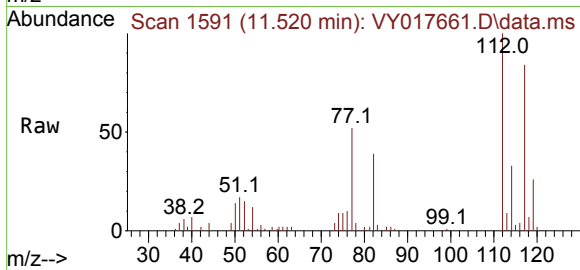




#65
Chlorobenzene
Concen: 2.306 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

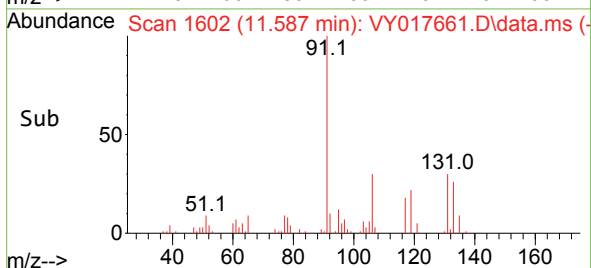
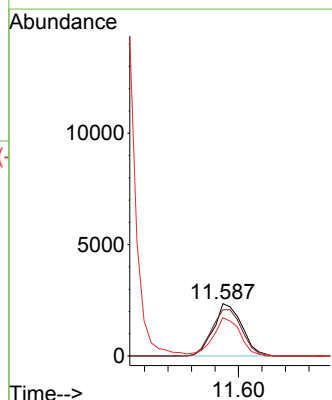
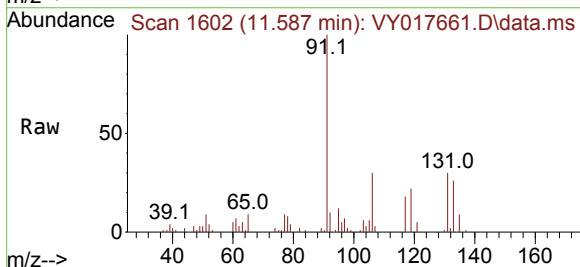
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

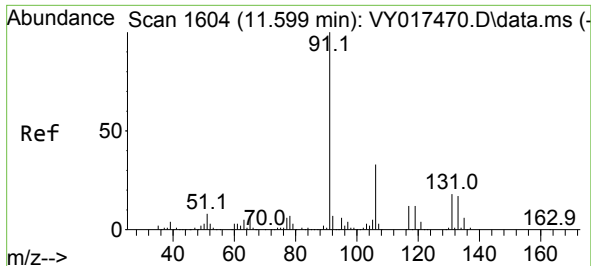
Tgt Ion:112 Resp: 10553
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.298 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion:131 Resp: 3940
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 70.2 34.1 102.2





#67

Ethyl Benzene

Concen: 1.981 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

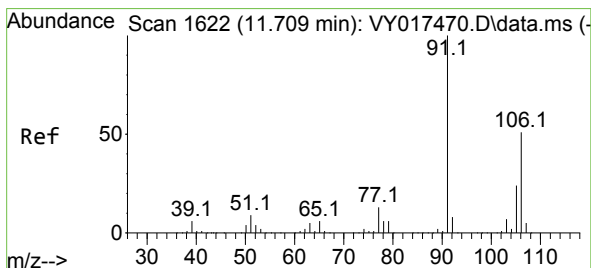
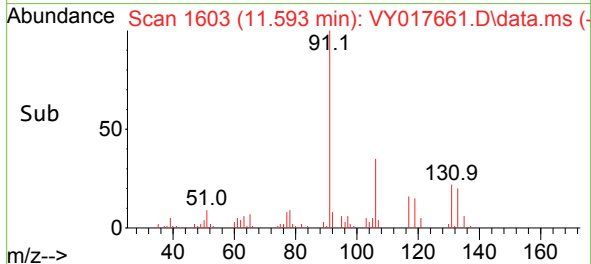
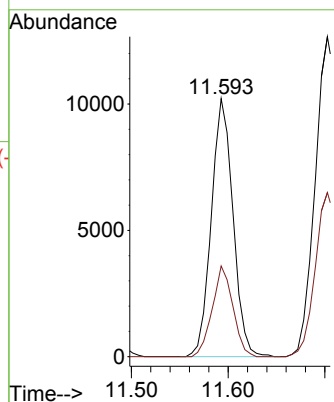
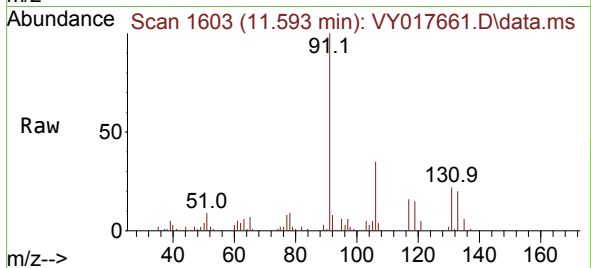
MDL07

Tgt Ion: 91 Resp: 15906

Ion Ratio Lower Upper

91 100

106 35.1 24.5 36.7



#68

m/p-Xylenes

Concen: 3.744 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017661.D

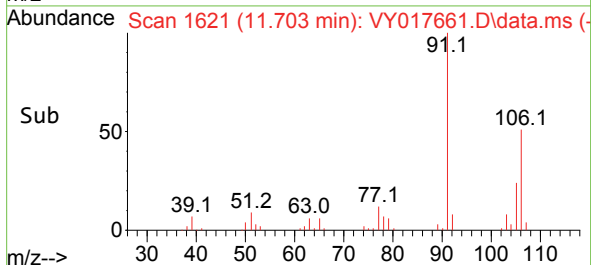
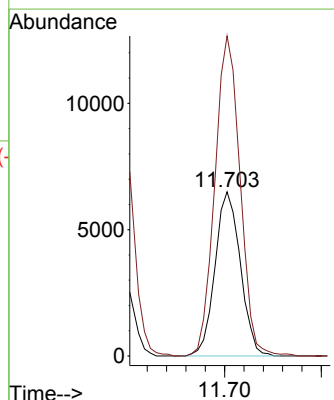
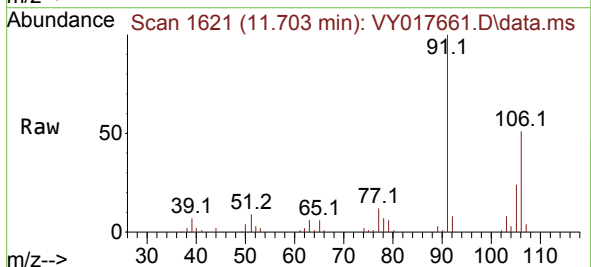
Acq: 14 Mar 2024 13:34

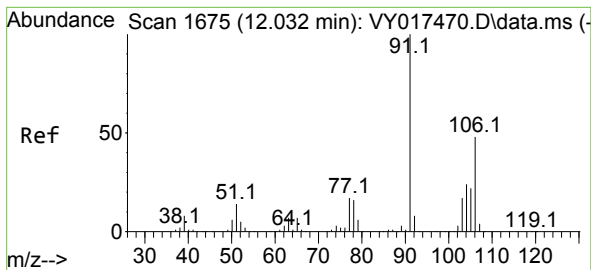
Tgt Ion:106 Resp: 11811

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0





#69

o-Xylene

Concen: 1.882 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

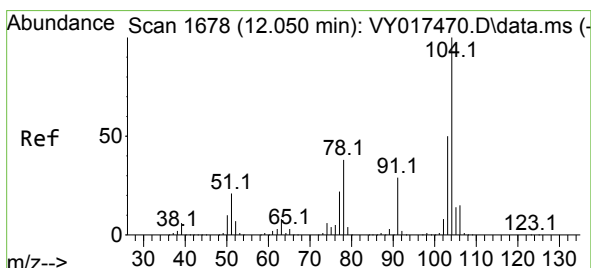
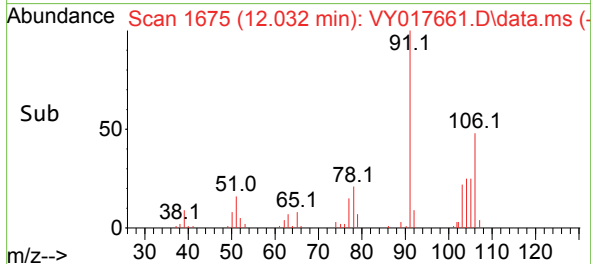
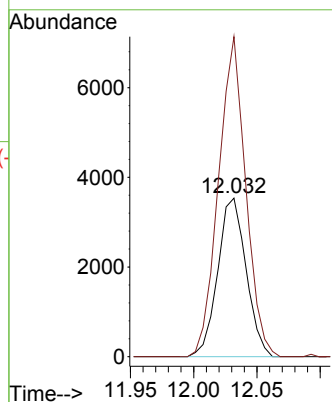
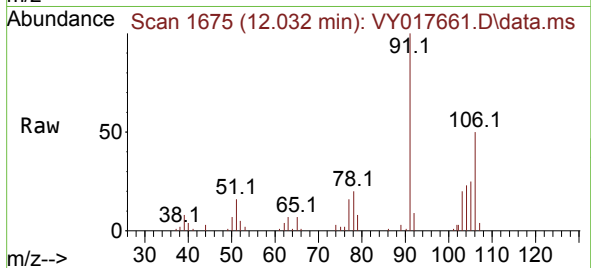
MDL07

Tgt Ion:106 Resp: 5508

Ion Ratio Lower Upper

106 100

91 193.8 103.6 310.8



#70

Styrene

Concen: 1.489 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

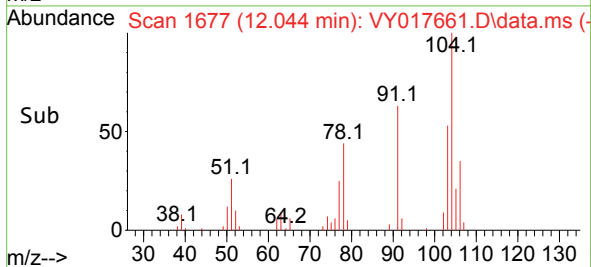
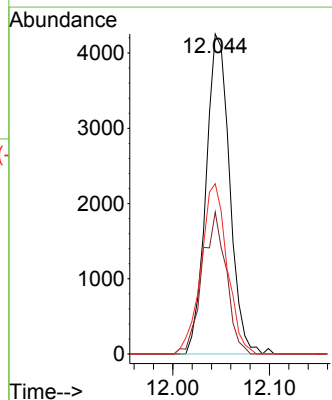
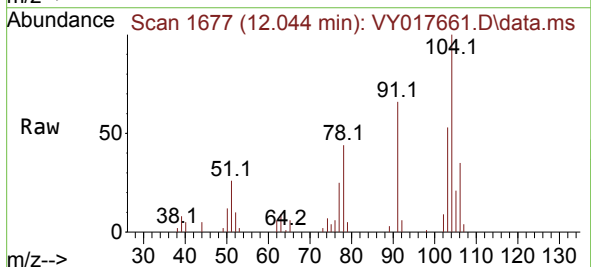
Tgt Ion:104 Resp: 7234

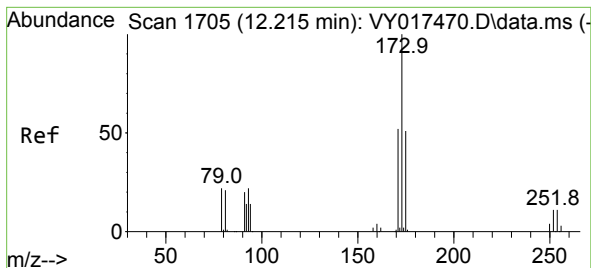
Ion Ratio Lower Upper

104 100

78 45.1 37.0 55.4

103 58.8 44.2 66.2





#71

Bromoform

Concen: 2.136 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

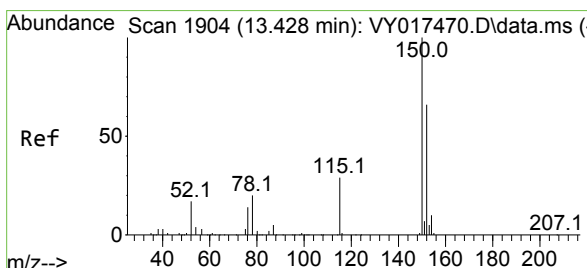
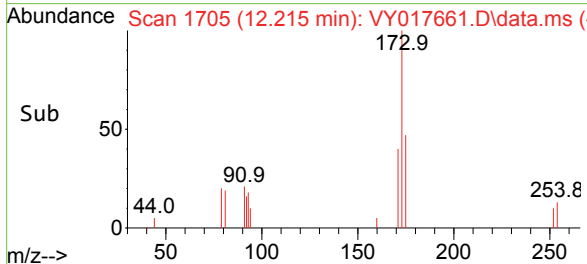
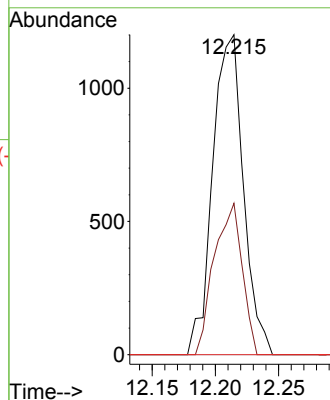
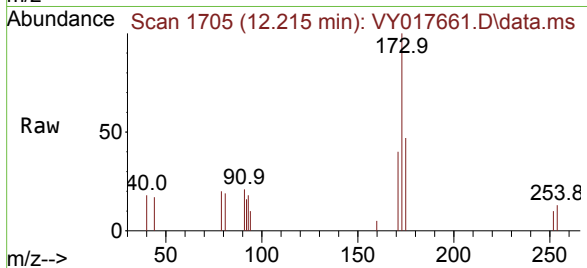
Tgt Ion:173 Resp: 2030

Ion Ratio Lower Upper

173 100

175 43.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

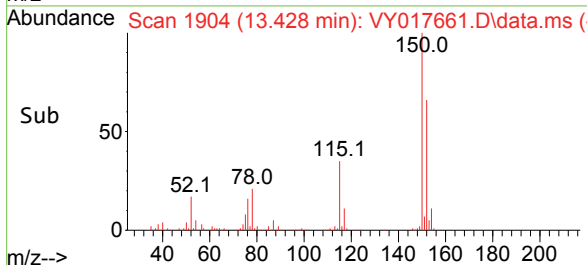
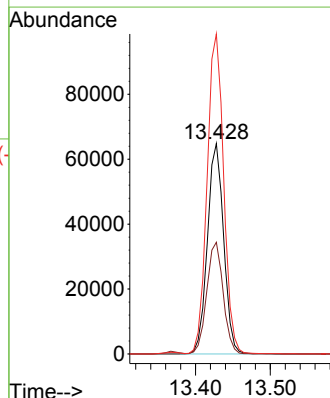
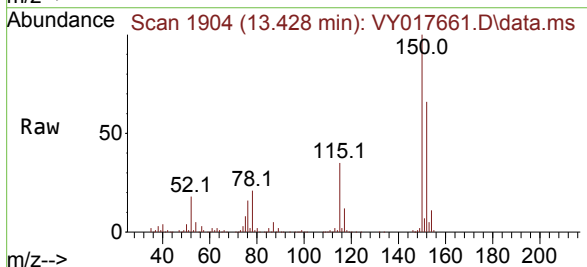
Tgt Ion:152 Resp: 97739

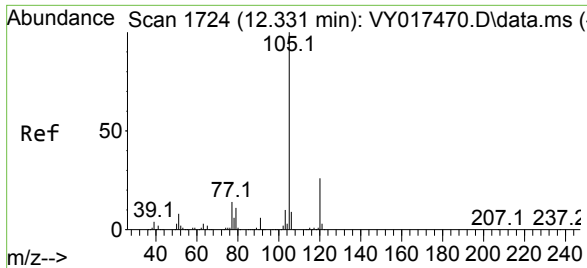
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 155.1 0.0 345.6

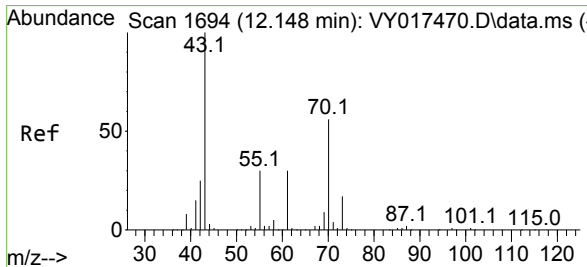
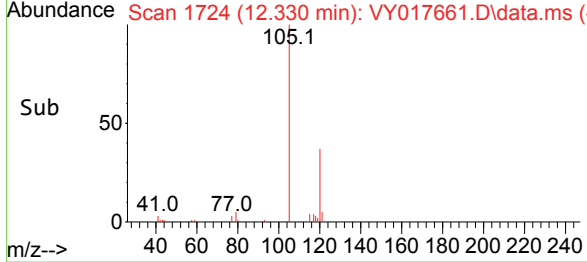
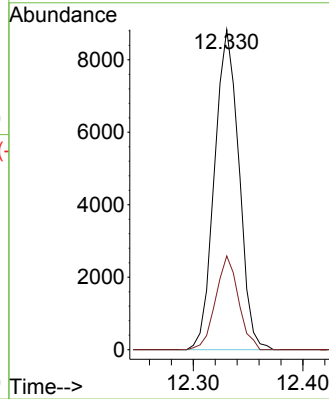
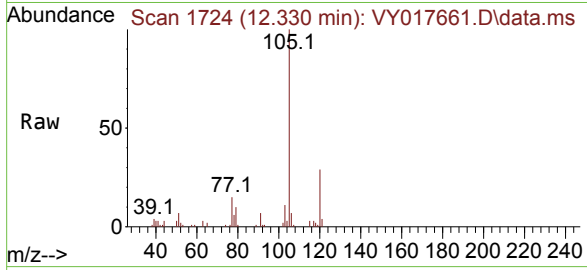




#73
Isopropylbenzene
Concen: 1.884 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

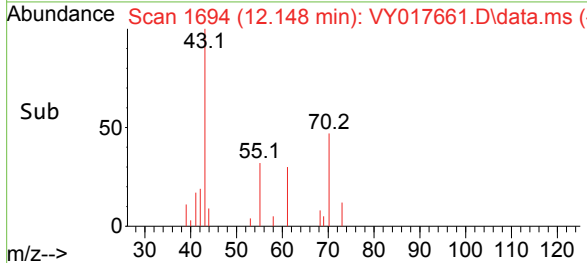
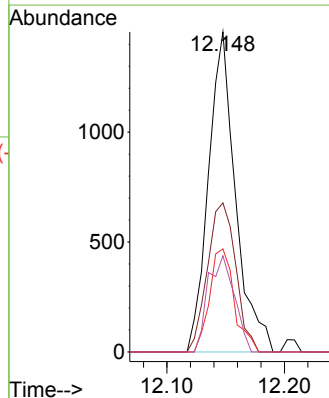
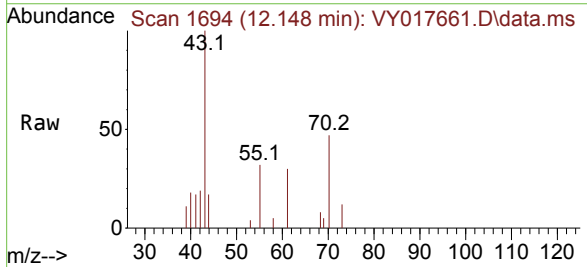
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

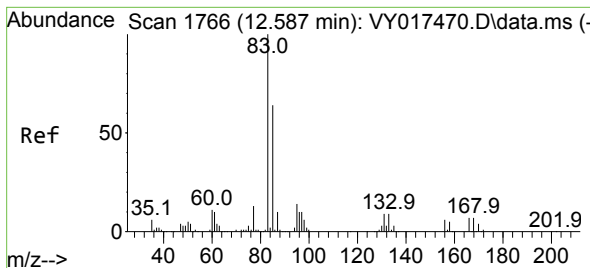
Tgt Ion:105 Resp: 13677
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 1.822 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
70 48.6 41.4 62.2
55 29.3 23.3 34.9
61 29.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.677 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

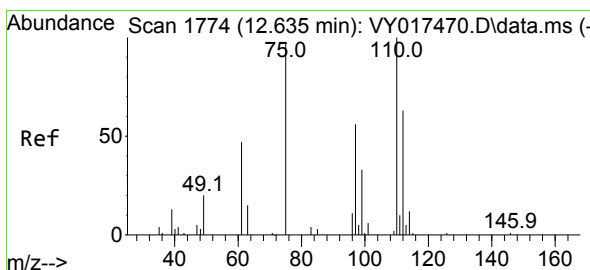
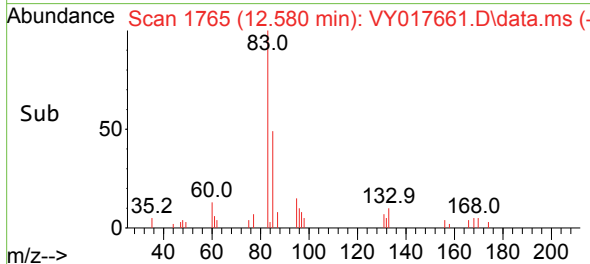
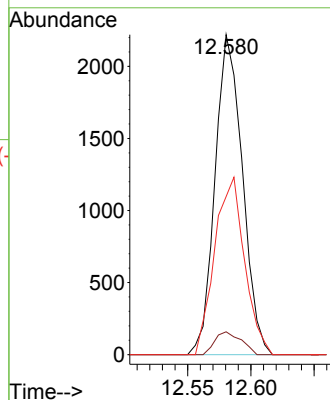
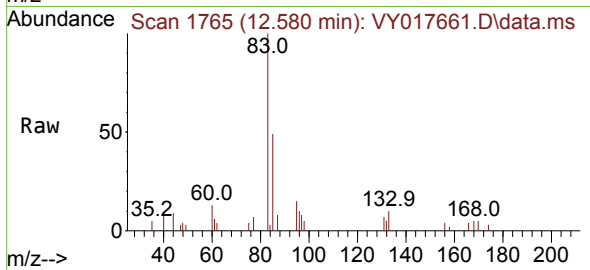
Tgt Ion: 83 Resp: 3338

Ion Ratio Lower Upper

83 100

131 6.9 5.0 14.9

85 60.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.059 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY017661.D

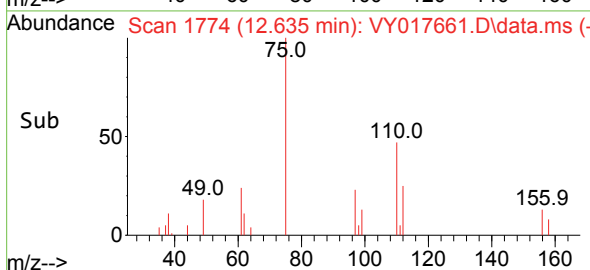
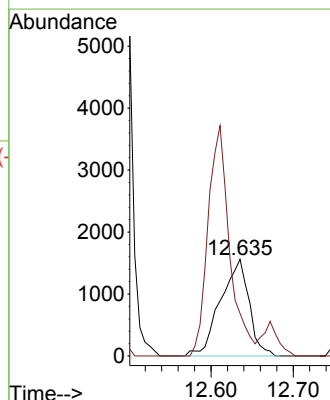
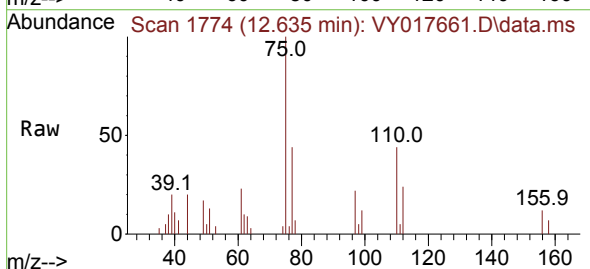
Acq: 14 Mar 2024 13:34

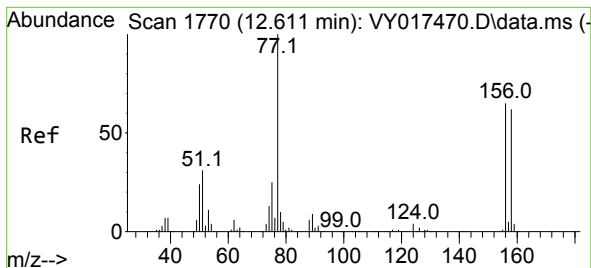
Tgt Ion: 75 Resp: 3769

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.360 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

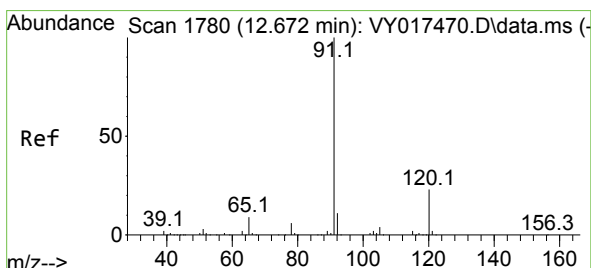
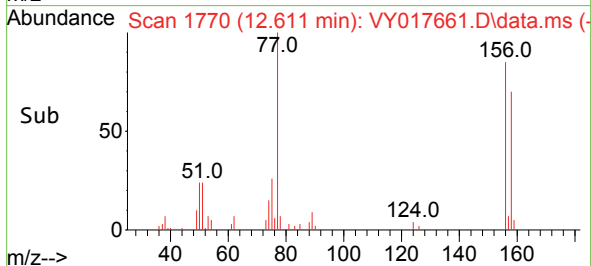
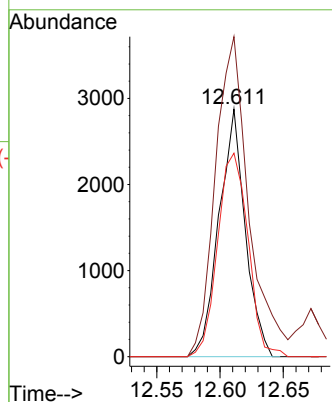
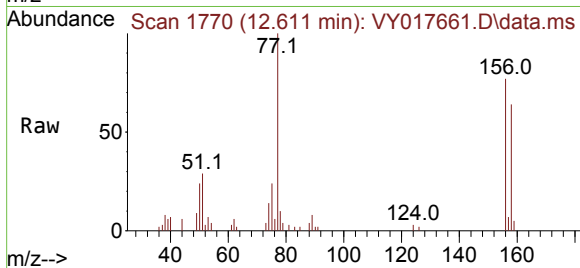
Tgt Ion:156 Resp: 4150

Ion Ratio Lower Upper

156 100

77 164.3 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 2.109 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY017661.D

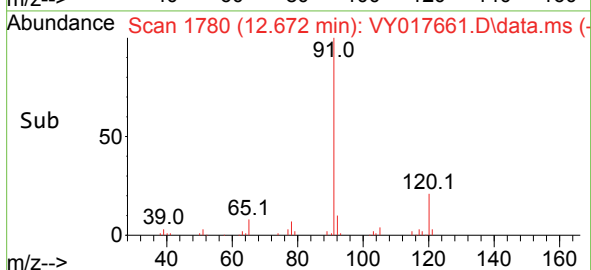
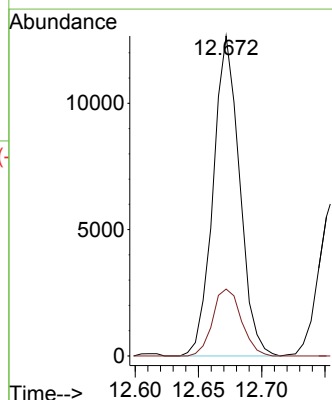
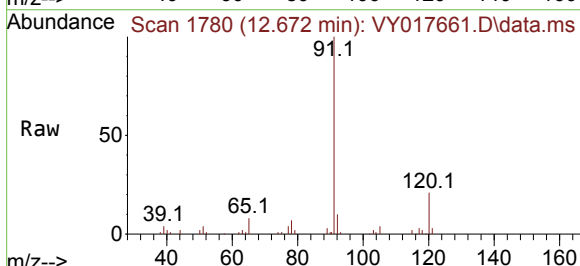
Acq: 14 Mar 2024 13:34

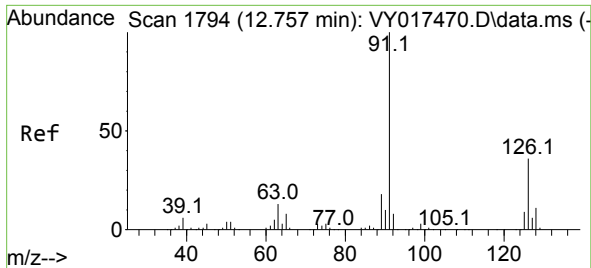
Tgt Ion: 91 Resp: 18377

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

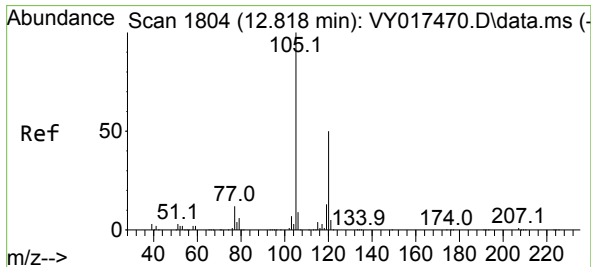
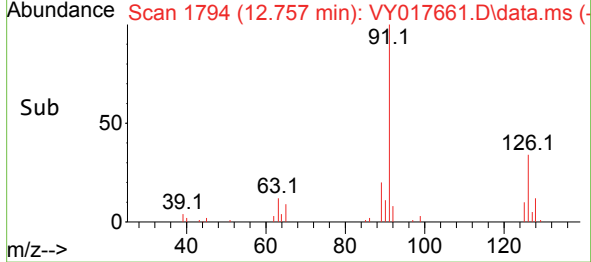
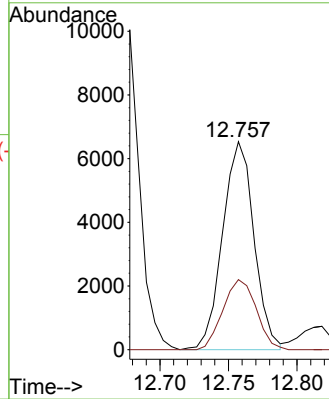
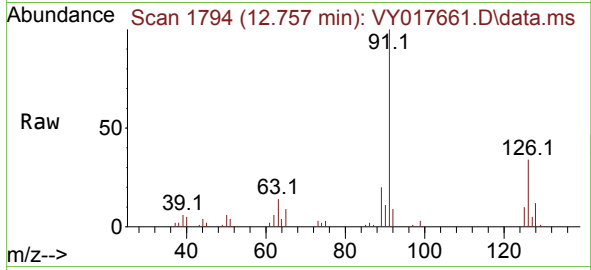




#79
2-Chlorotoluene
Concen: 2.138 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

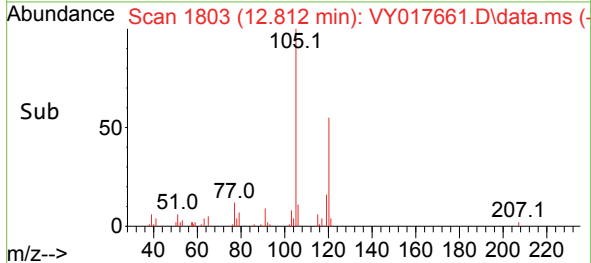
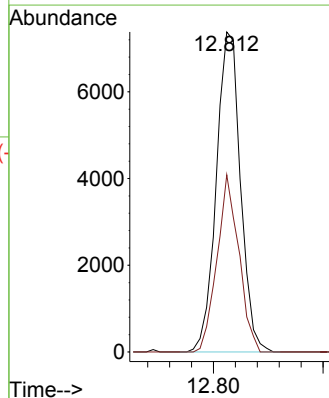
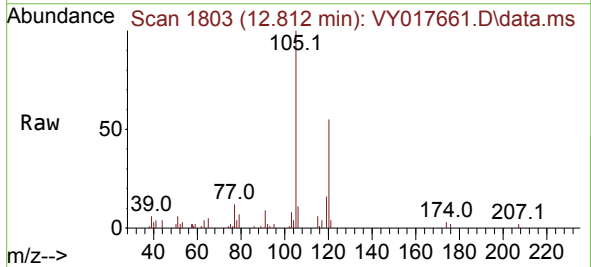
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

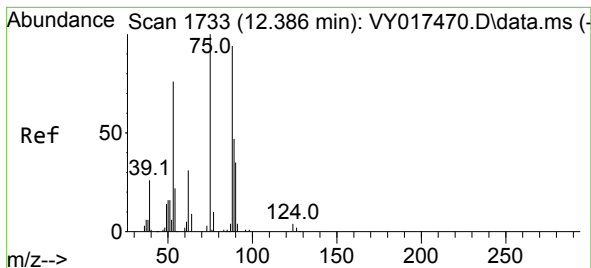
Tgt Ion: 91 Resp: 10428
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 1.945 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 105 Resp: 11313
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2

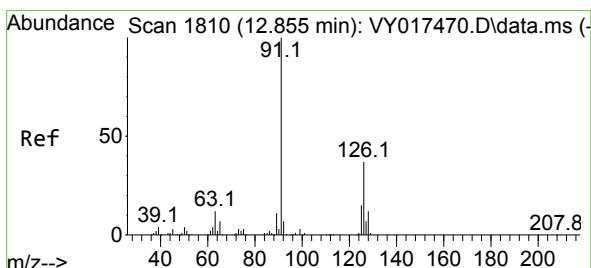
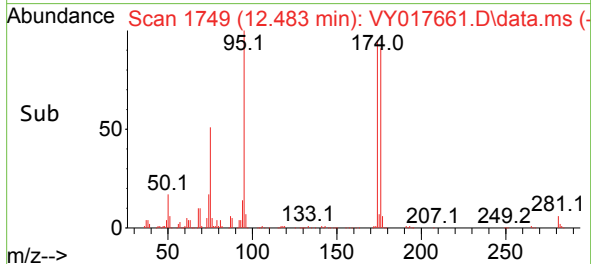
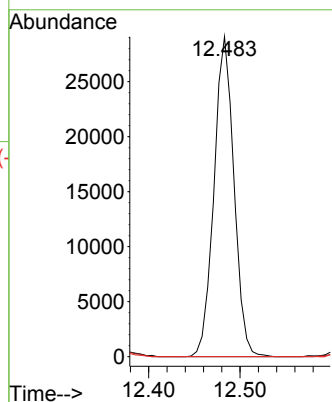
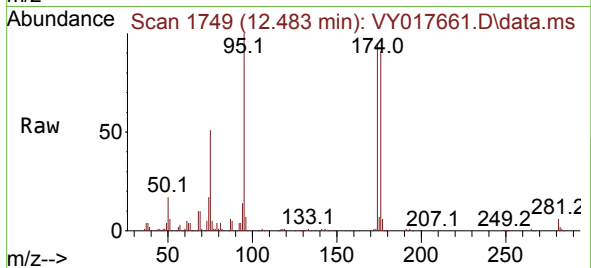




#81
trans-1,4-Dichloro-2-butene
Concen: 109.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

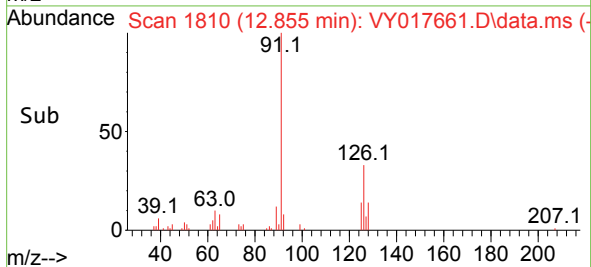
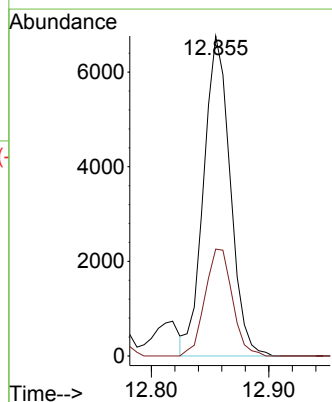
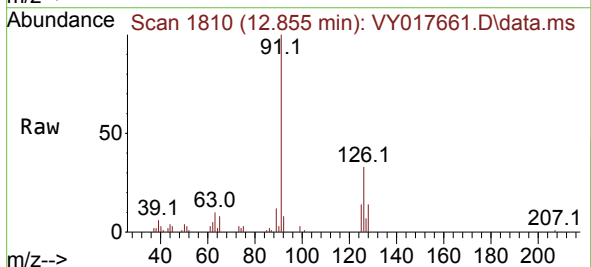
Instrument :
MSVOA_Y
ClientSampleId :
MDL07

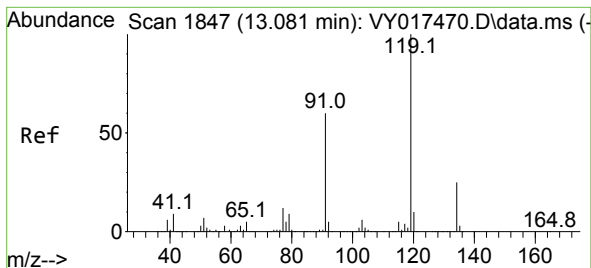
Tgt Ion: 75 Resp: 44130
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.129 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY017661.D
Acq: 14 Mar 2024 13:34

Tgt Ion: 91 Resp: 10623
Ion Ratio Lower Upper
91 100
126 34.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.035 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

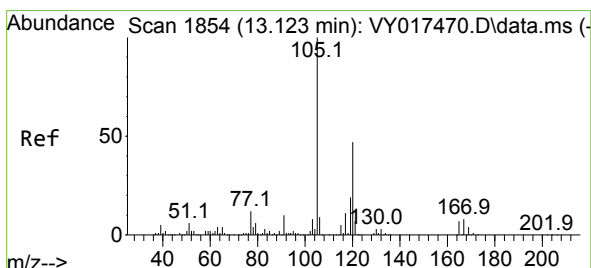
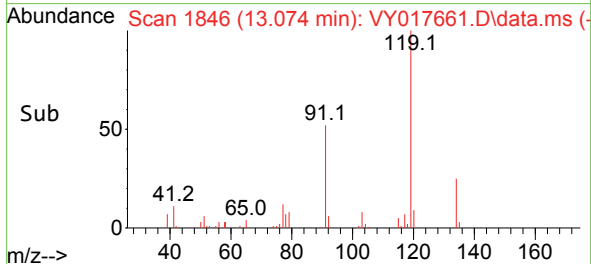
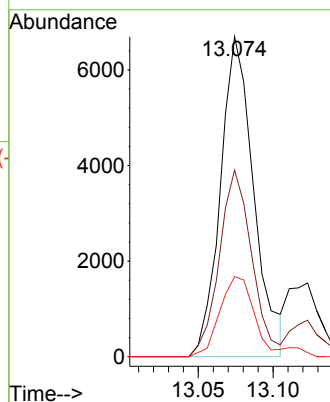
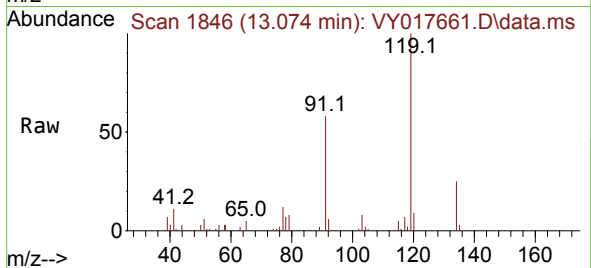
Tgt Ion:119 Resp: 10397

Ion Ratio Lower Upper

119 100

91 56.9 31.3 93.8

134 25.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 1.811 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017661.D

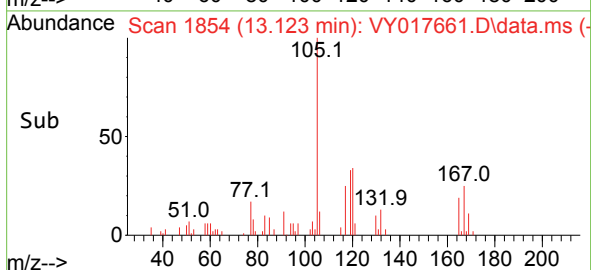
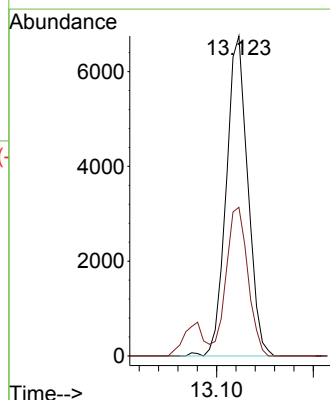
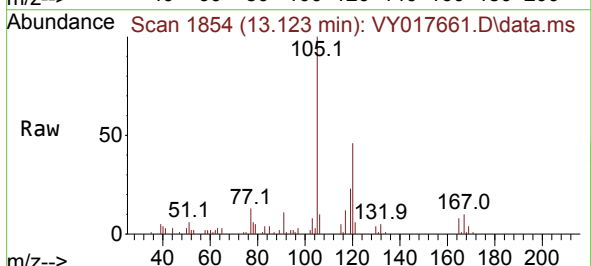
Acq: 14 Mar 2024 13:34

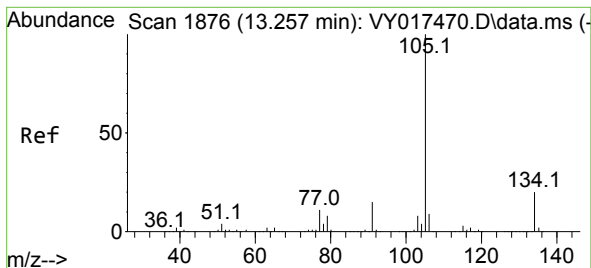
Tgt Ion:105 Resp: 10403

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.848 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

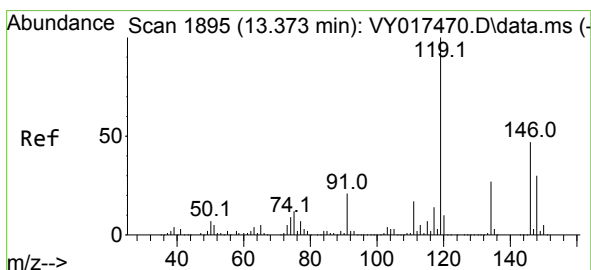
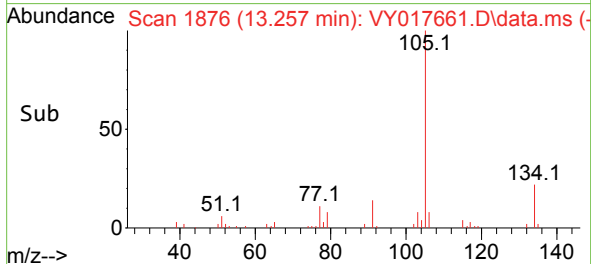
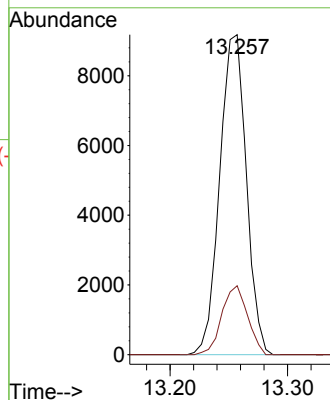
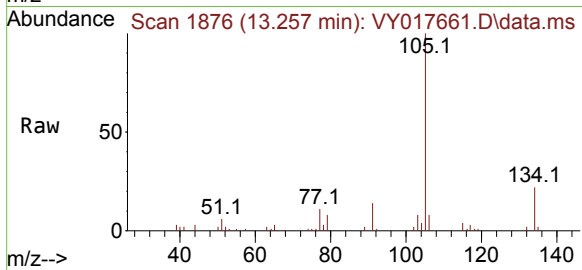
MDL07

Tgt Ion:105 Resp: 14431

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.815 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

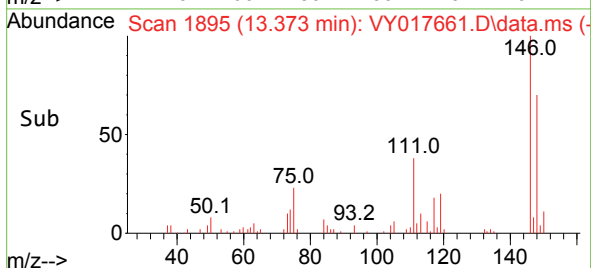
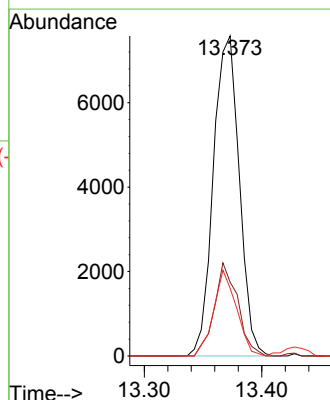
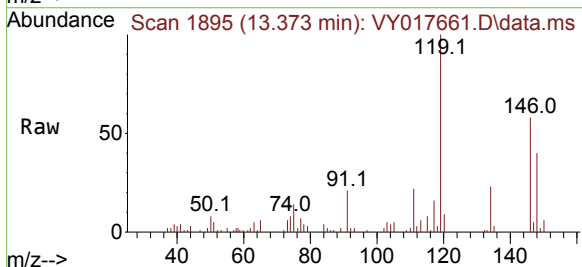
Tgt Ion:119 Resp: 11603

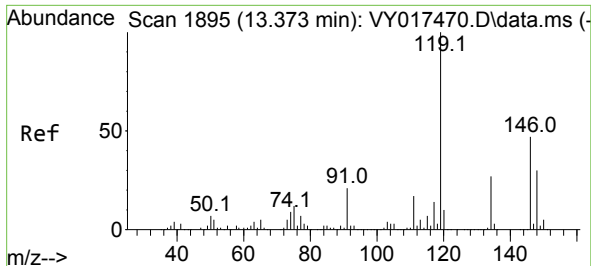
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.196 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

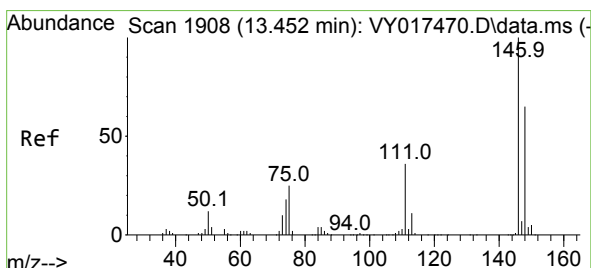
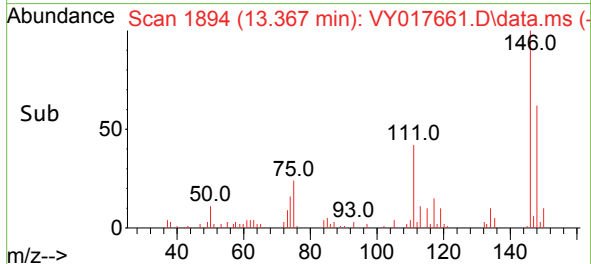
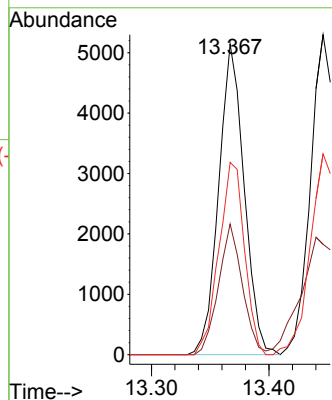
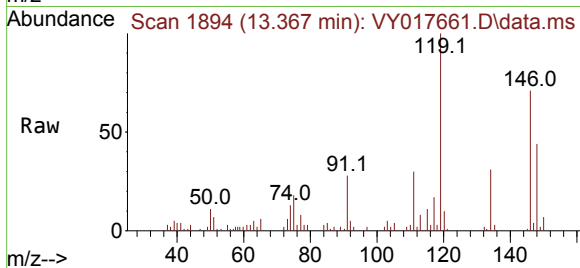
Tgt Ion:146 Resp: 7752

Ion Ratio Lower Upper

146 100

111 39.4 19.0 57.0

148 62.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.371 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

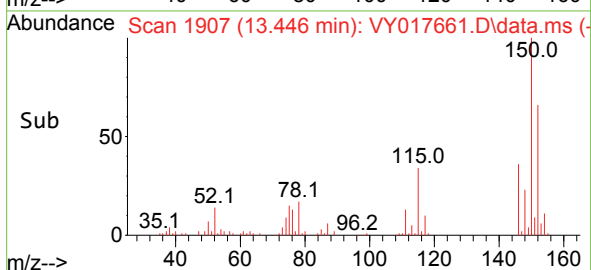
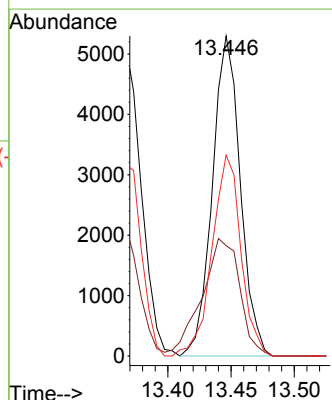
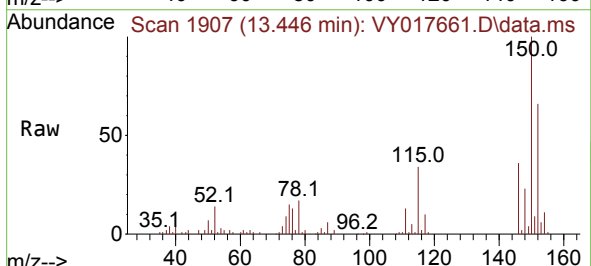
Tgt Ion:146 Resp: 8135

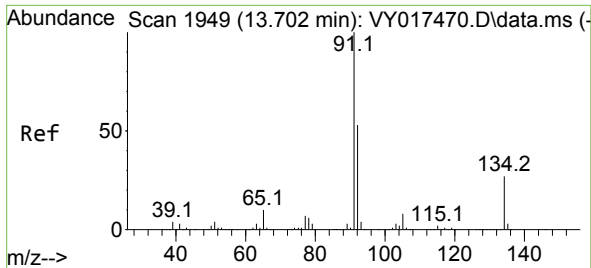
Ion Ratio Lower Upper

146 100

111 49.7 18.4 55.4

148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 1.996 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

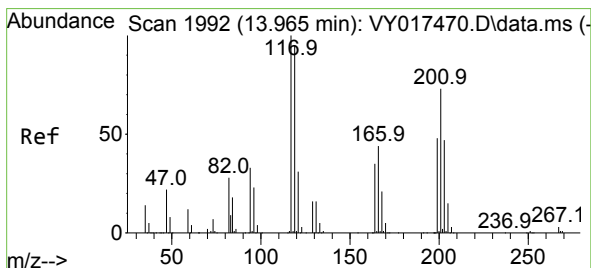
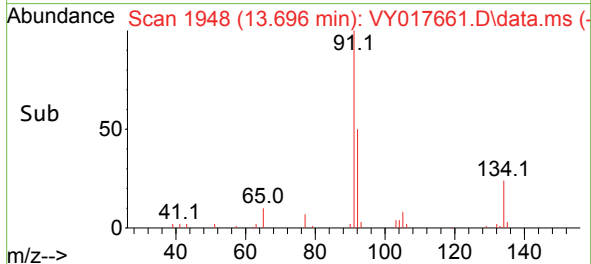
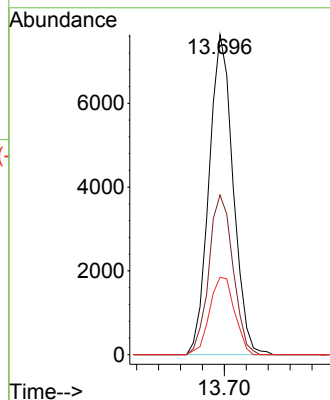
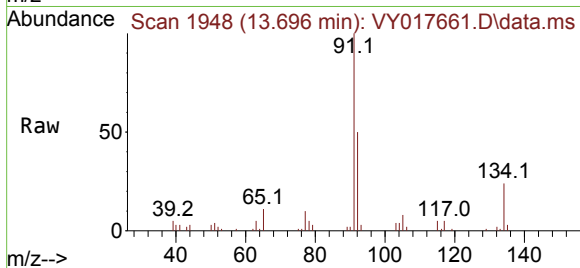
Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tgt Ion:	91	Resp:	11646
Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.6	79.7
134	25.2	12.9	38.7



#90

Hexachloroethane

Concen: 2.445 ug/l

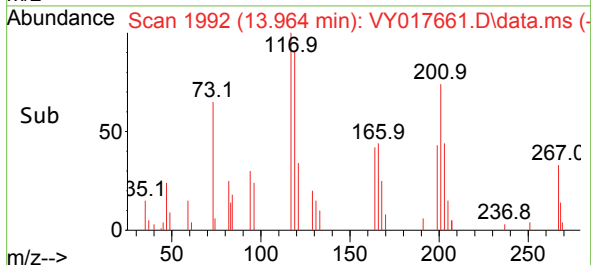
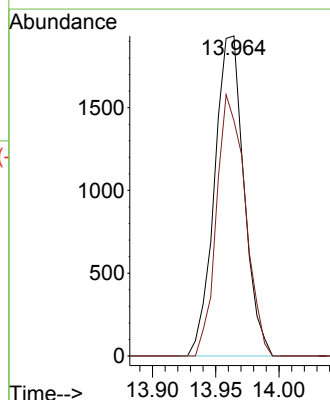
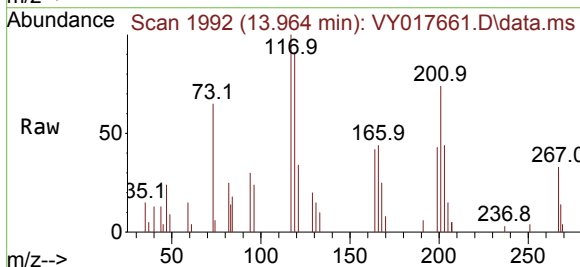
RT: 13.964 min Scan# 1992

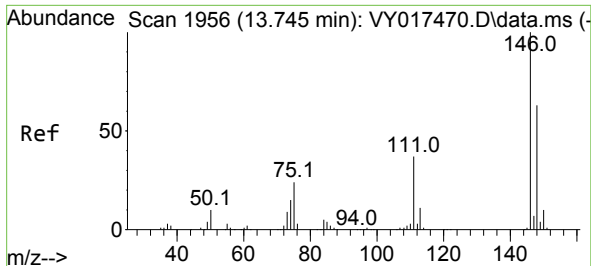
Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Tgt Ion:	117	Resp:	3134
Ion	Ratio	Lower	Upper
117	100		
201	79.6	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 2.193 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

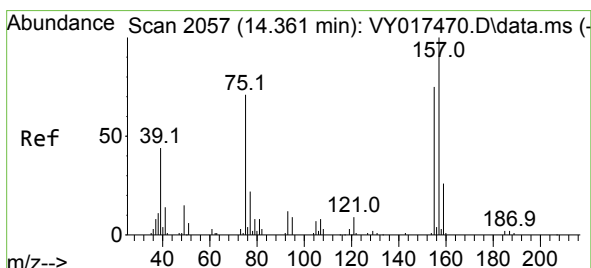
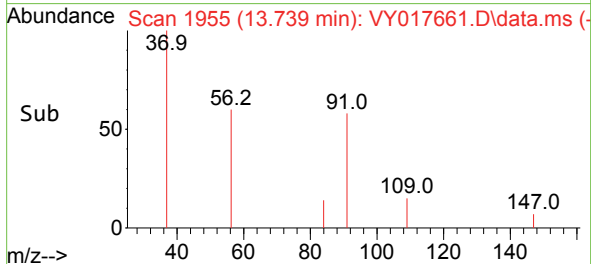
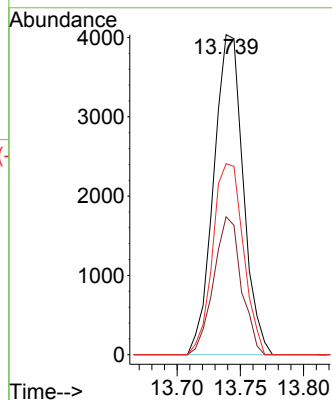
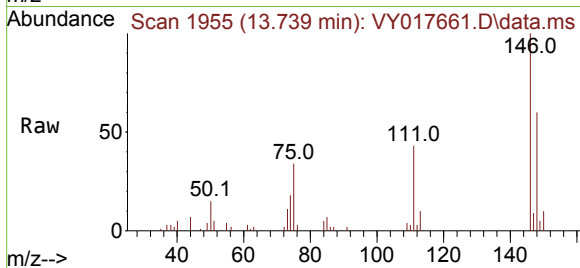
Tgt Ion:146 Resp: 6546

Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.7

148 61.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.345 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

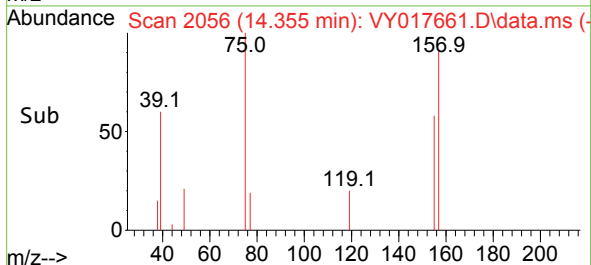
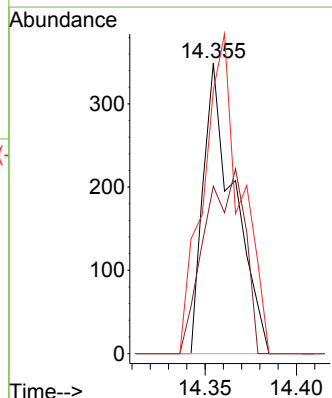
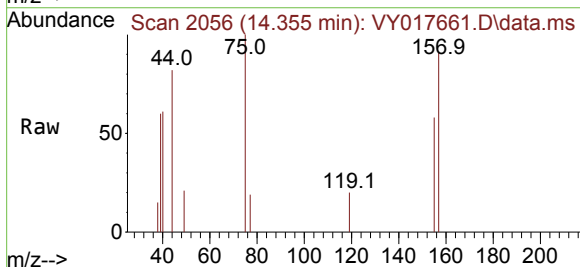
Tgt Ion: 75 Resp: 411

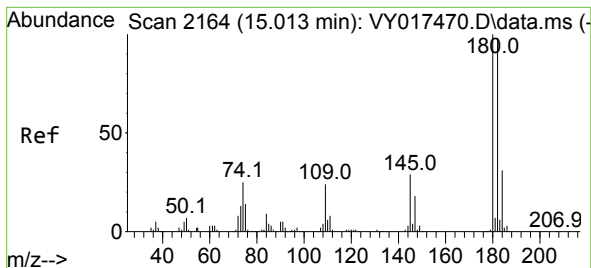
Ion Ratio Lower Upper

75 100

155 82.5 48.6 145.8

157 132.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.087 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

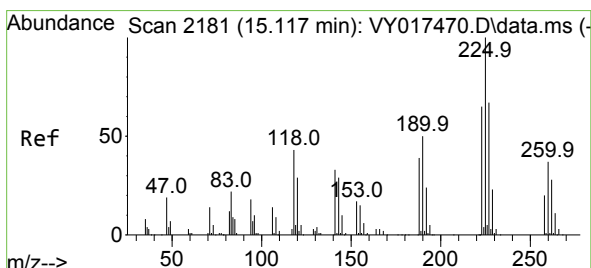
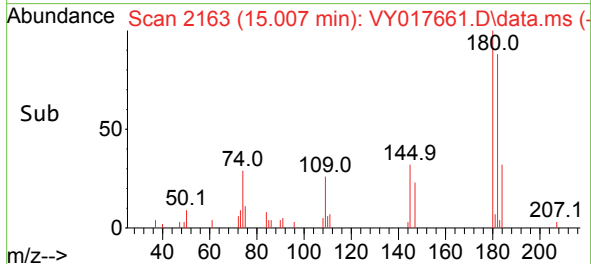
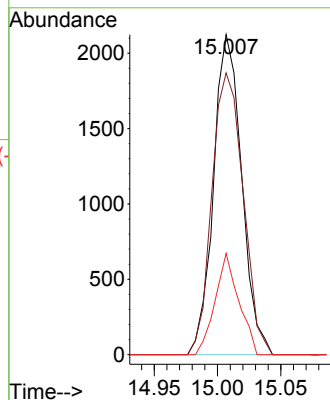
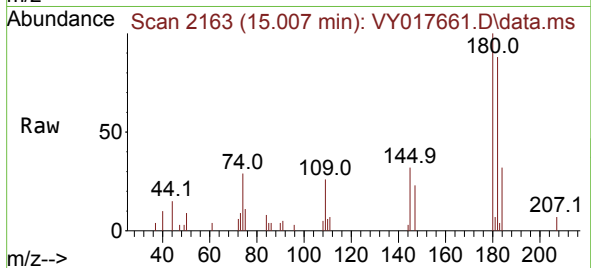
Tgt Ion:180 Resp: 3291

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.8

145 26.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.373 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

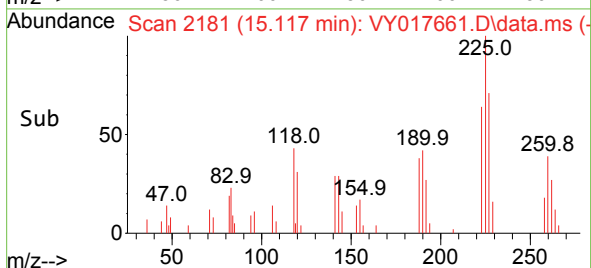
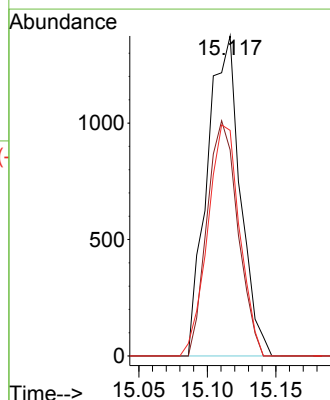
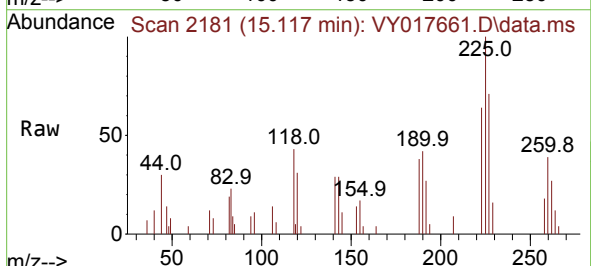
Tgt Ion:225 Resp: 2310

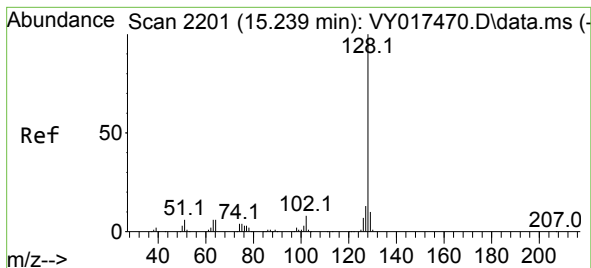
Ion Ratio Lower Upper

225 100

223 68.6 30.4 91.2

227 69.8 31.9 95.9





#95

Naphthalene

Concen: 1.724 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

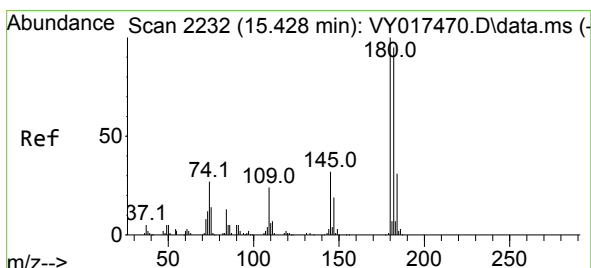
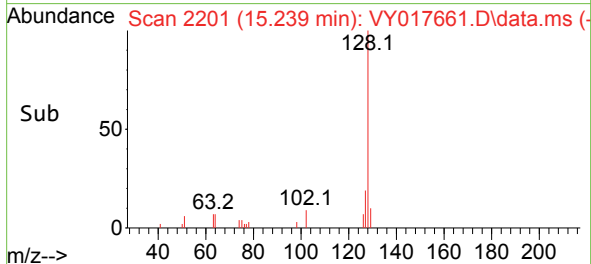
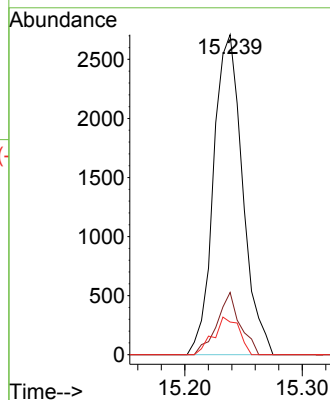
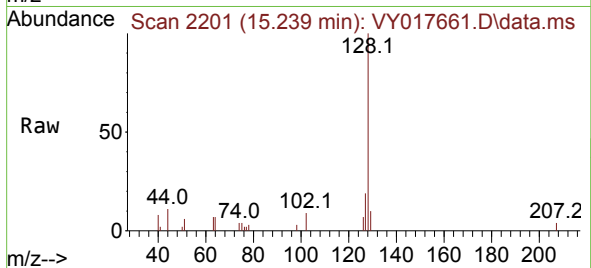
Tgt Ion:128 Resp: 4649

Ion Ratio Lower Upper

128 100

127 15.5 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.988 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017661.D

Acq: 14 Mar 2024 13:34

Tgt Ion:180 Resp: 2690

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 31.3 15.4 46.1

