

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017710.D
 Acq On : 19 Mar 2024 14:14
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Quant Time: Mar 20 04:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 04:13:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	130957	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	217945	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	190114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82671	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57626	46.431	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.740	113	67873	44.691	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.380%
50) Toluene-d8	10.197	98	253720	47.782	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.495	95	70053	41.978	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	2098	2.172	ug/l	85
3) Chloromethane	2.125	50	3192	1.808	ug/l	98
4) Vinyl Chloride	2.259	62	4253	1.878	ug/l	99
5) Bromomethane	2.668	94	4408	2.389	ug/l	99
6) Chloroethane	2.808	64	3043	2.130	ug/l	98
7) Trichlorofluoromethane	3.143	101	4801	2.080	ug/l	93
8) Diethyl Ether	3.540	74	1579	2.333	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	3262	2.457	ug/l	95
10) Methyl Iodide	4.106	142	2614	1.755	ug/l #	97
11) Tert butyl alcohol	4.966	59	2106	19.976	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	2661	2.151	ug/l	94
13) Acrolein	3.753	56	1007	7.239	ug/l	96
14) Allyl chloride	4.497	41	3029	2.026	ug/l	98
15) Acrylonitrile	5.198	53	3267	11.741	ug/l	92
16) Acetone	3.960	43	4043	16.795	ug/l #	84
17) Carbon Disulfide	4.210	76	5420	1.460	ug/l	98
18) Methyl Acetate	4.497	43	2123	3.635	ug/l #	72
19) Methyl tert-butyl Ether	5.247	73	6384	2.214	ug/l #	85
20) Methylene Chloride	4.741	84	12186	7.071	ug/l	96
21) trans-1,2-Dichloroethene	5.240	96	3181	2.196	ug/l #	79
22) Diisopropyl ether	6.143	45	7330	2.125	ug/l	93
23) Vinyl Acetate	6.088	43	16351	7.955	ug/l	96
24) 1,1-Dichloroethane	6.039	63	6138	2.605	ug/l	97
25) 2-Butanone	7.002	43	4053	11.814	ug/l	97
26) 2,2-Dichloropropane	6.996	77	5156	2.602	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	3776	2.322	ug/l	94
28) Bromochloromethane	7.356	49	1661	1.790	ug/l #	92
29) Tetrahydrofuran	7.368	42	1905	9.212	ug/l	98
30) Chloroform	7.527	83	6622	2.639	ug/l	99
31) Cyclohexane	7.807	56	5518	2.732	ug/l #	41
32) 1,1,1-Trichloroethane	7.722	97	5490	2.520	ug/l	99
36) 1,1-Dichloropropene	7.935	75	4145	2.023	ug/l	97
37) Ethyl Acetate	7.100	43	1599	1.976	ug/l #	88
38) Carbon Tetrachloride	7.923	117	4787	2.331	ug/l	92
39) Methylcyclohexane	9.203	83	4253	1.727	ug/l	94
40) Benzene	8.185	78	13559	2.228	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	763	1.879	ug/l #	67
42) 1,2-Dichloroethane	8.258	62	3524	2.374	ug/l	97
43) Isopropyl Acetate	8.283	43	2981	2.096	ug/l	97
44) Trichloroethene	8.959	130	4091	2.332	ug/l	95
45) 1,2-Dichloropropane	9.234	63	3327	2.298	ug/l	97
46) Dibromomethane	9.325	93	1884	2.274	ug/l	93
47) Bromodichloromethane	9.514	83	4960	2.465	ug/l	92
48) Methyl methacrylate	9.313	41	1463	2.222	ug/l	92
49) 1,4-Dioxane	9.319	88	301	32.100	ug/l #	87
51) 4-Methyl-2-Pentanone	10.081	43	6869	8.666	ug/l	97
52) Toluene	10.258	92	9014	2.350	ug/l	100
53) t-1,3-Dichloropropene	10.483	75	4051	2.169	ug/l	95
54) cis-1,3-Dichloropropene	9.947	75	4559	2.009	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	2805	2.384	ug/l	90
56) Ethyl methacrylate	10.526	69	1830	1.387	ug/l	96
57) 1,3-Dichloropropane	10.807	76	4436	2.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	5362	7.899	ug/l	96
59) 2-Hexanone	10.843	43	5167	9.491	ug/l	94
60) Dibromochloromethane	11.002	129	3304	2.374	ug/l	100
61) 1,2-Dibromoethane	11.099	107	2385	2.200	ug/l	97
64) Tetrachloroethene	10.733	164	4045	2.217	ug/l	94
65) Chlorobenzene	11.532	112	10013	2.481	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.605	131	3593	2.377	ug/l	97
67) Ethyl Benzene	11.605	91	14520	2.052	ug/l	95
68) m/p-Xylenes	11.721	106	10916	3.925	ug/l	98
69) o-Xylene	12.044	106	4927	1.910	ug/l	99
70) Styrene	12.056	104	6775	1.582	ug/l	98
71) Bromoform	12.215	173	1817	2.169	ug/l #	96
73) Isopropylbenzene	12.343	105	13063	2.127	ug/l	100
74) N-amyl acetate	12.154	43	1816	1.676	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.599	83	2793	2.648	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	3445	4.386	ug/l #	100
77) Bromobenzene	12.623	156	3886	2.613	ug/l	92
78) n-propylbenzene	12.684	91	16517	2.241	ug/l	98
79) 2-Chlorotoluene	12.770	91	9610	2.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	10221	2.077	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.495	75	34510	100.950	ug/l #	16
82) 4-Chlorotoluene	12.867	91	9918	2.350	ug/l	98
83) tert-Butylbenzene	13.087	119	9199	2.129	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	9647	1.986	ug/l	97
85) sec-Butylbenzene	13.263	105	13565	2.053	ug/l	99
86) p-Isopropyltoluene	13.379	119	10441	1.931	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	7180	2.405	ug/l	97
88) 1,4-Dichlorobenzene	13.458	146	7297	2.514	ug/l	92
89) n-Butylbenzene	13.708	91	10137	2.055	ug/l	98
90) Hexachloroethane	13.971	117	2821	2.602	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	5899	2.336	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.367	75	315	2.124	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	2587	1.939	ug/l	95
94) Hexachlorobutadiene	15.123	225	1982	2.407	ug/l	97
95) Naphthalene	15.251	128	3389	1.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	2159	1.887	ug/l	96

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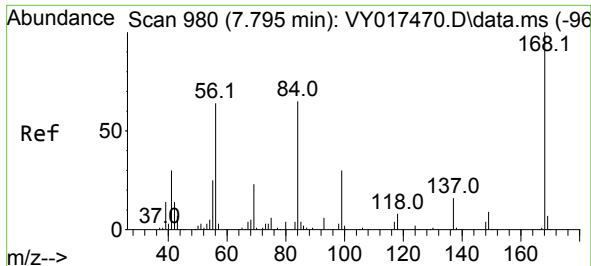
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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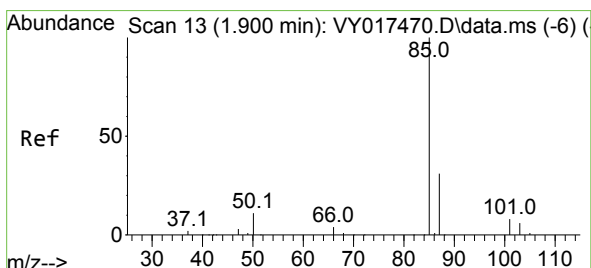
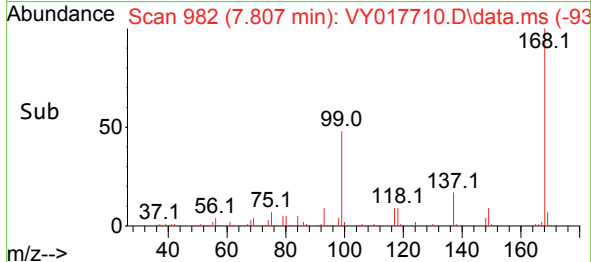
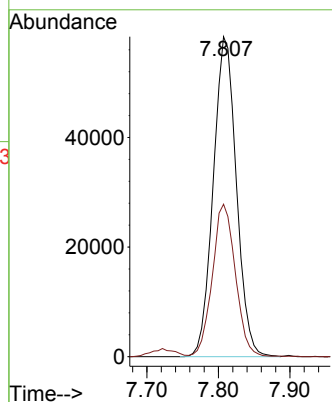
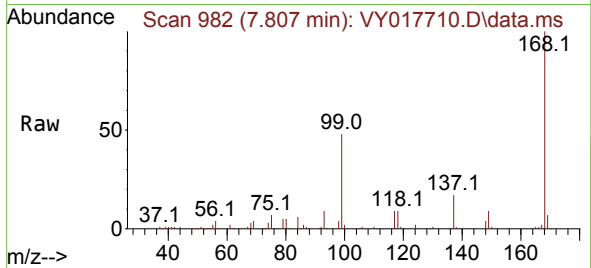




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017710.D
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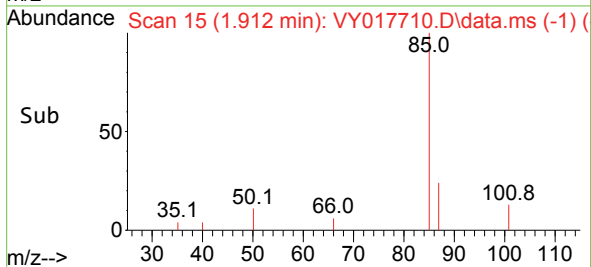
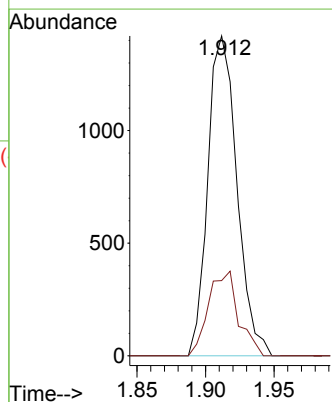
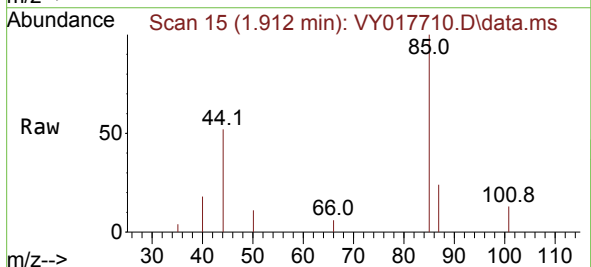
Instrument :
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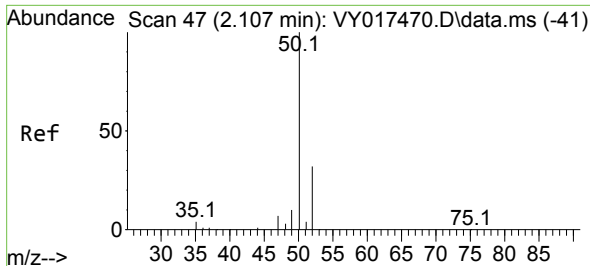
Tgt Ion:168 Resp: 130957
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.172 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 85 Resp: 2098
Ion Ratio Lower Upper
85 100
87 23.5 16.0 48.0

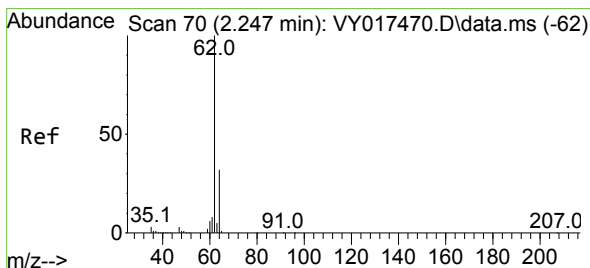
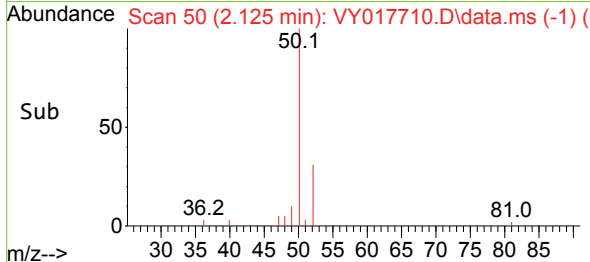
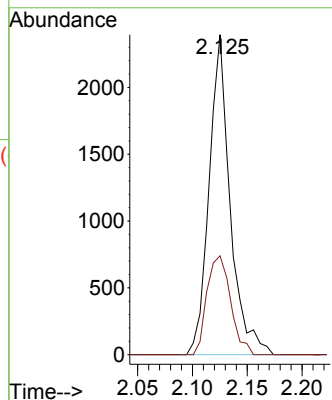
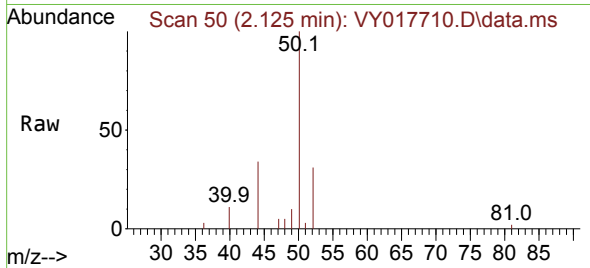




#3
Chloromethane
Concen: 1.808 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

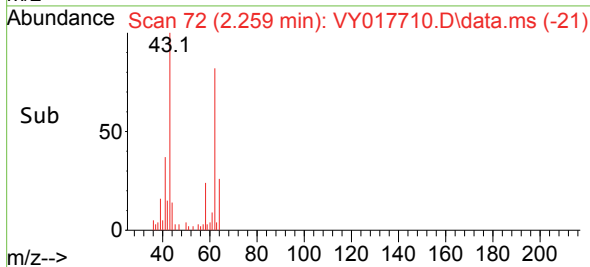
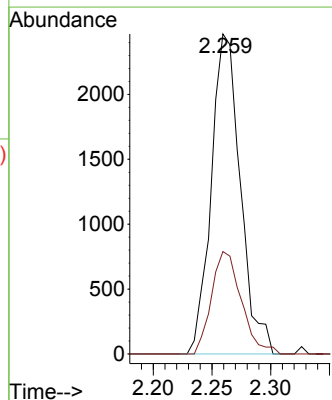
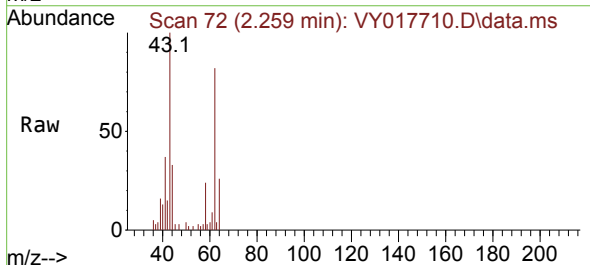
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tgt Ion: 50 Resp: 3192
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4



#4
Vinyl Chloride
Concen: 1.878 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 62 Resp: 4253
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

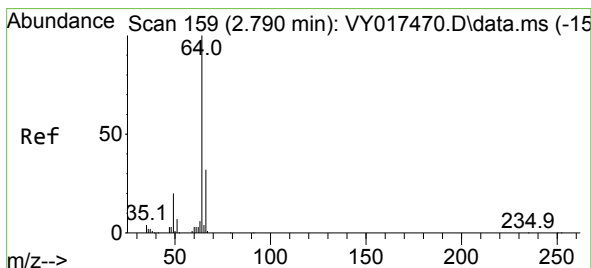
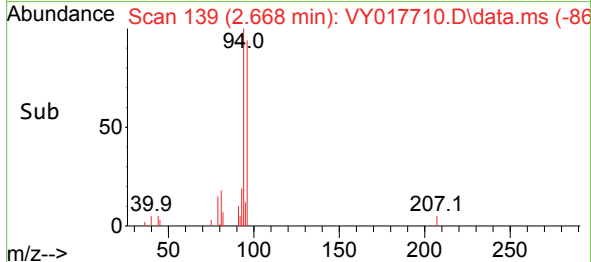
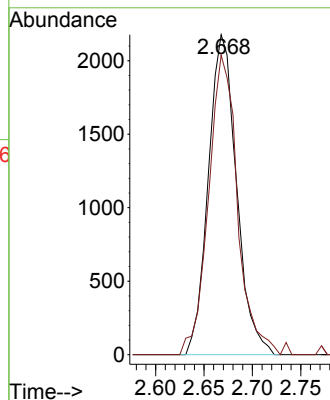
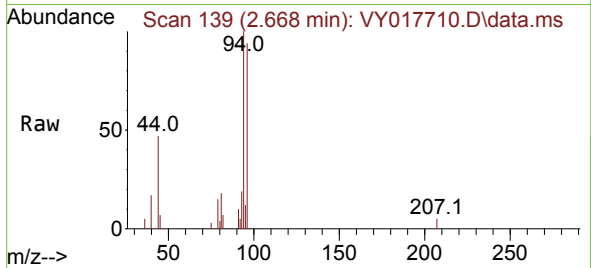




#5
Bromomethane
Concen: 2.389 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

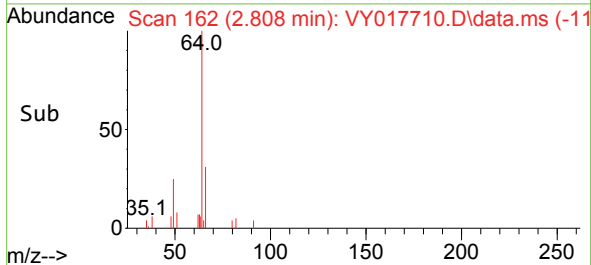
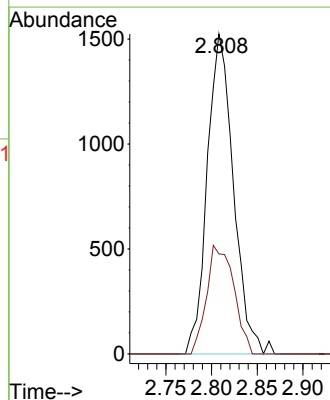
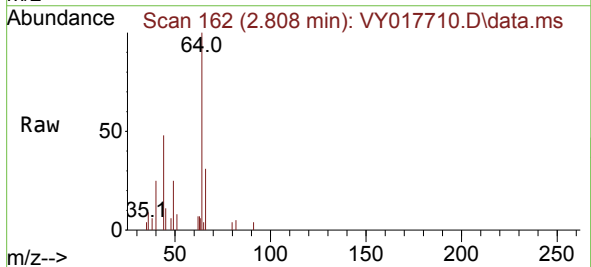
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 4408
Ion Ratio Lower Upper
94 100
96 93.6 74.1 111.1



#6
Chloroethane
Concen: 2.130 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 64 Resp: 3043
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1

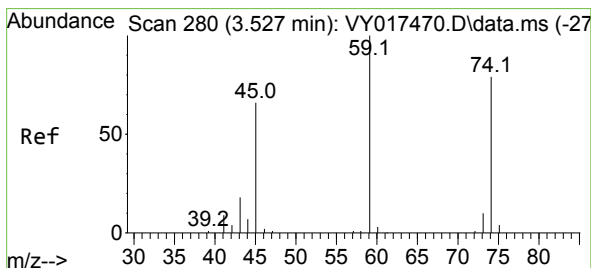
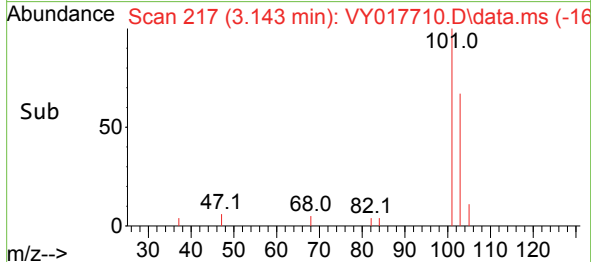
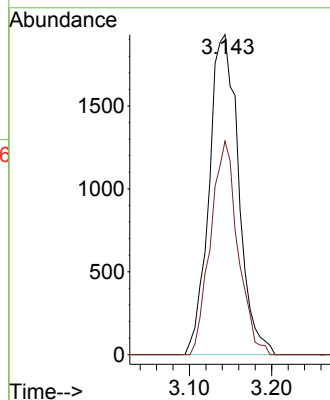
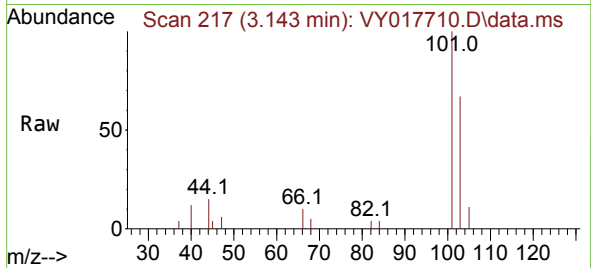




#7
Trichlorofluoromethane
Concen: 2.080 ug/l
RT: 3.143 min Scan# 213
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

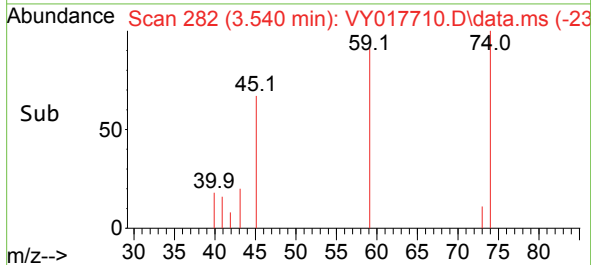
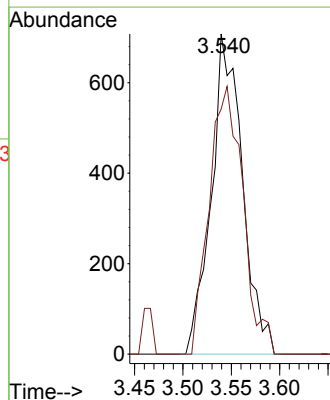
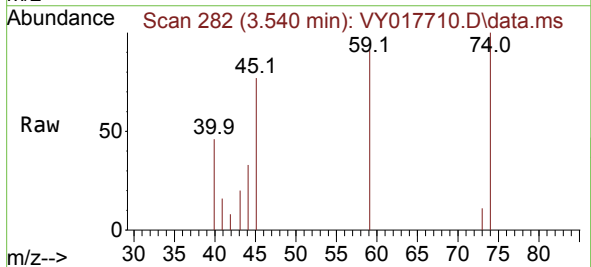
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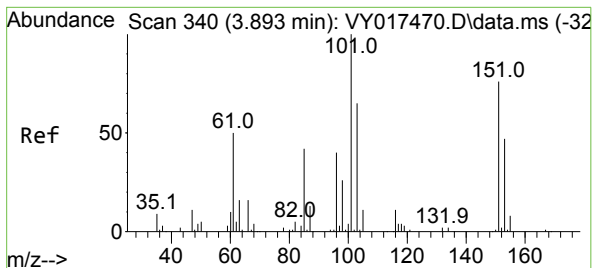
Tgt Ion:101 Resp: 4801
Ion Ratio Lower Upper
101 100
103 66.7 49.3 73.9



#8
Diethyl Ether
Concen: 2.333 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 74 Resp: 1579
Ion Ratio Lower Upper
74 100
45 91.5 41.3 124.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.457 ug/l

RT: 3.918 min Scan# 34

Delta R.T. 0.024 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

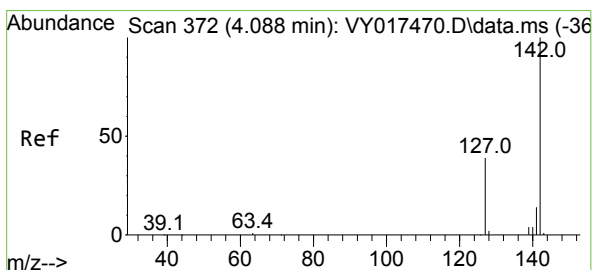
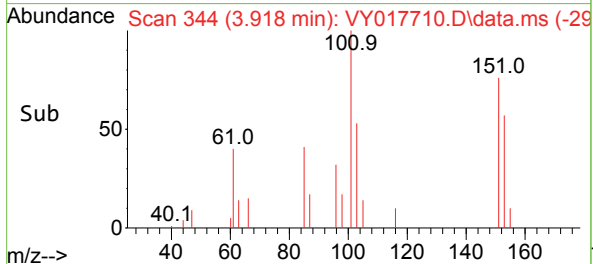
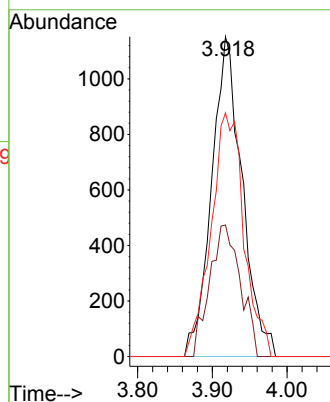
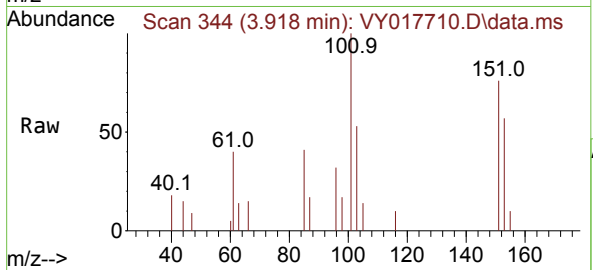
Tgt Ion:101 Resp: 3262

Ion Ratio Lower Upper

101 100

85 41.5 34.5 51.7

151 82.6 61.7 92.5



#10

Methyl Iodide

Concen: 1.755 ug/l

RT: 4.106 min Scan# 375

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

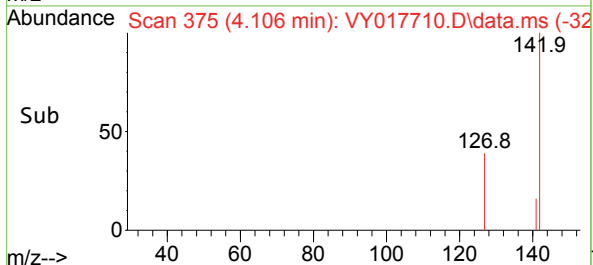
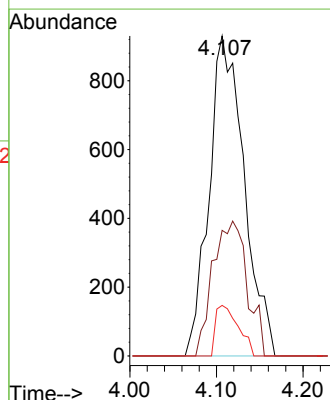
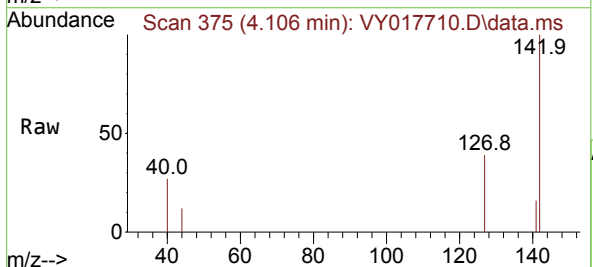
Tgt Ion:142 Resp: 2614

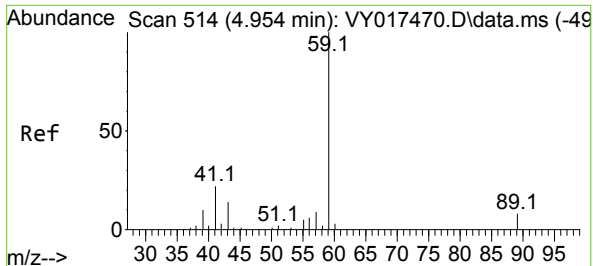
Ion Ratio Lower Upper

142 100

127 41.2 32.8 49.2

141 10.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: 19.976 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

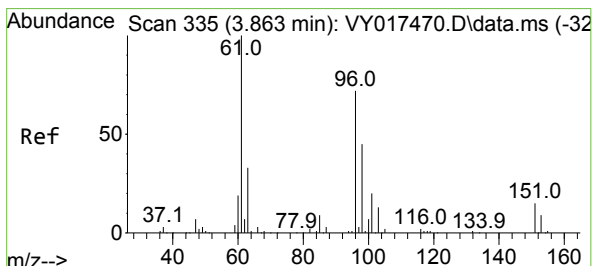
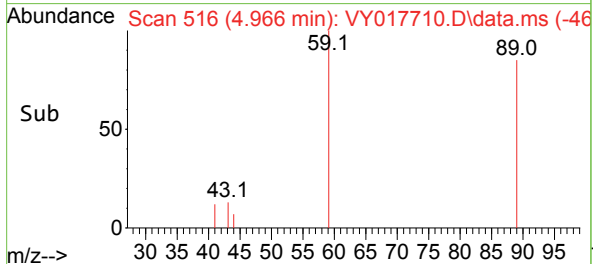
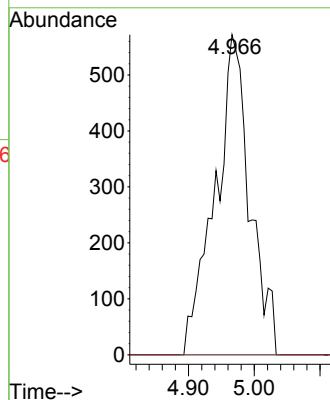
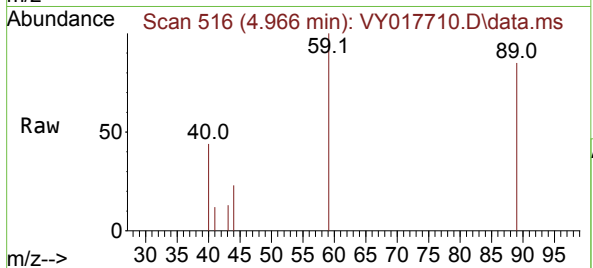
MDL03

Tgt Ion: 59 Resp: 2106

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 2.151 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.030 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

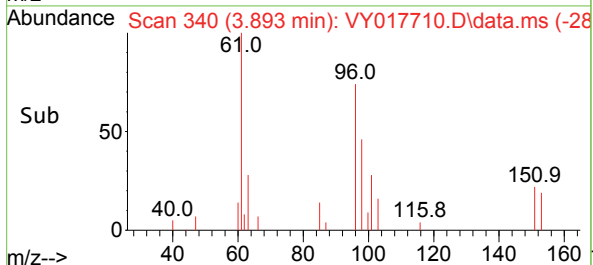
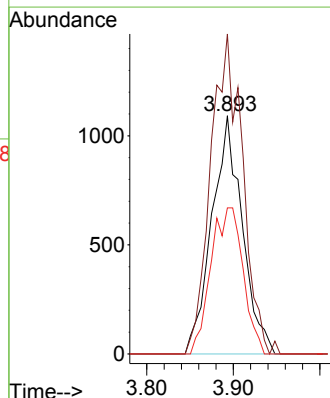
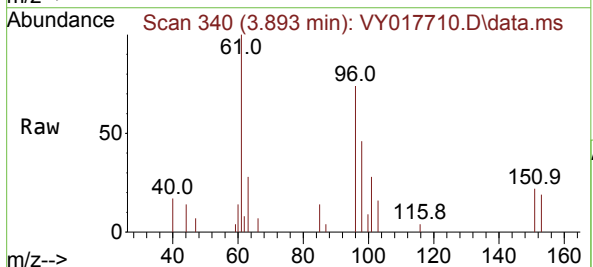
Tgt Ion: 96 Resp: 2661

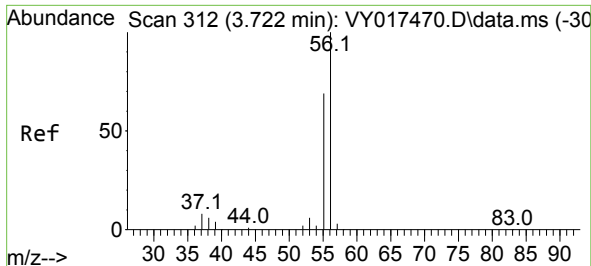
Ion Ratio Lower Upper

96 100

61 134.3 114.6 171.8

98 61.4 50.8 76.2





#13

Acrolein

Concen: 7.239 ug/l

RT: 3.753 min Scan# 312

Delta R.T. 0.030 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

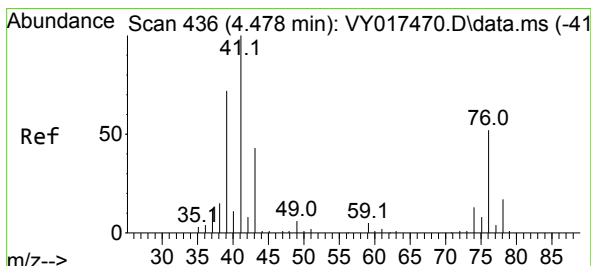
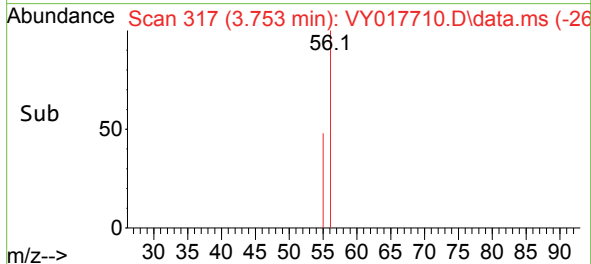
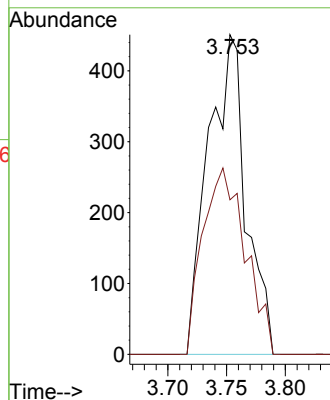
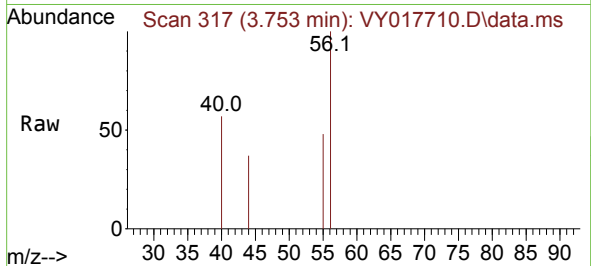
MDL03

Tgt Ion: 56 Resp: 1007

Ion Ratio Lower Upper

56 100

55 66.0 55.7 83.5



#14

Allyl chloride

Concen: 2.026 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

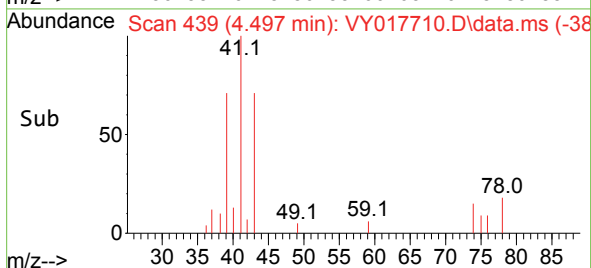
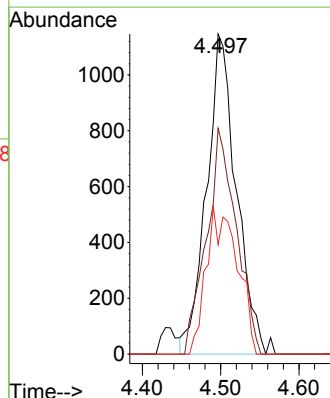
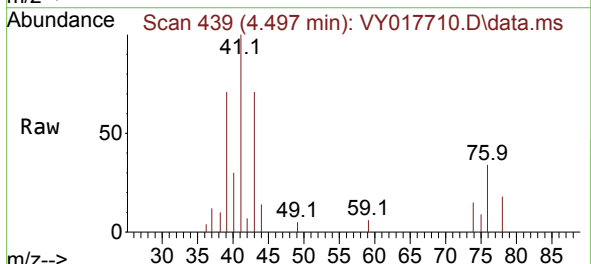
Tgt Ion: 41 Resp: 3029

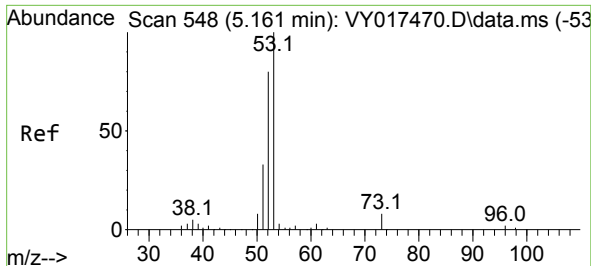
Ion Ratio Lower Upper

41 100

39 71.0 58.3 87.5

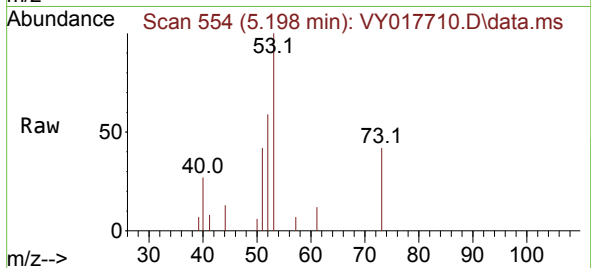
76 48.2 39.0 58.6



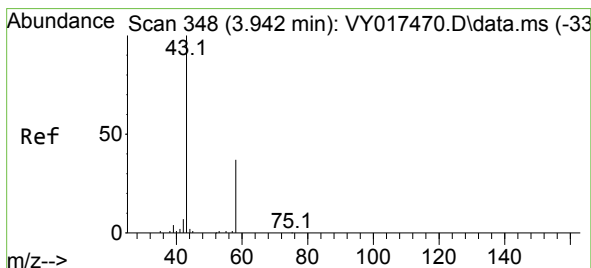
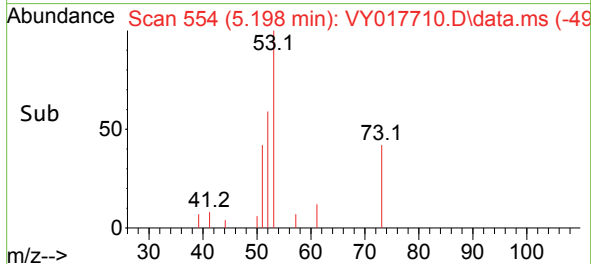
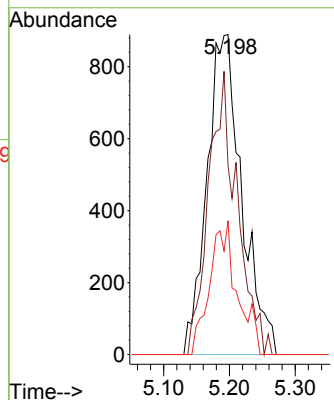


#15
Acrylonitrile
Concen: 11.741 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

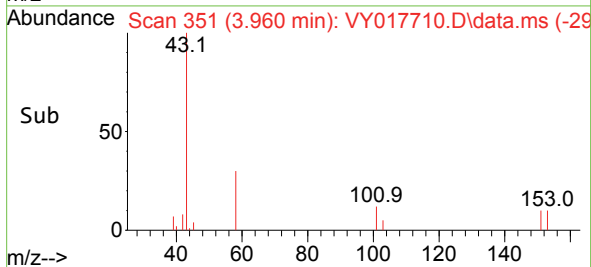
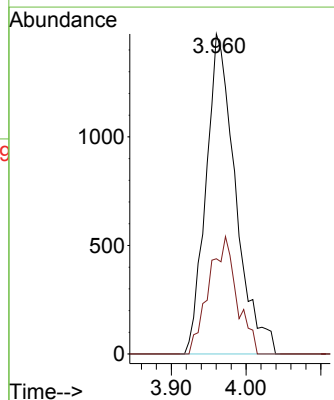
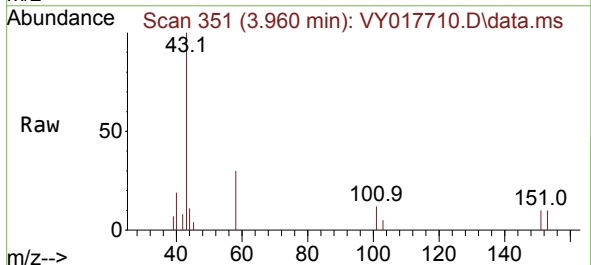


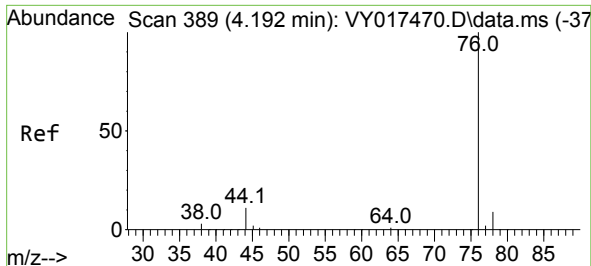
Tgt Ion:	53	Resp:	3267
Ion	Ratio	Lower	Upper
53	100		
52	72.7	64.7	97.1
51	33.0	28.4	42.6



#16
Acetone
Concen: 16.795 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion:	43	Resp:	4043
Ion	Ratio	Lower	Upper
43	100		
58	29.8	31.7	47.5#

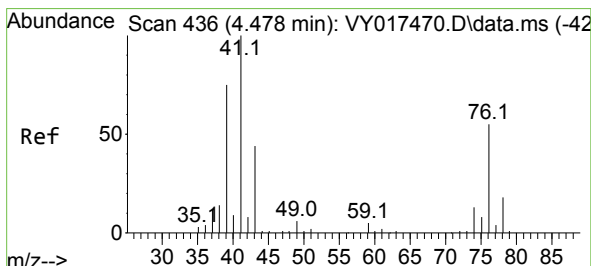
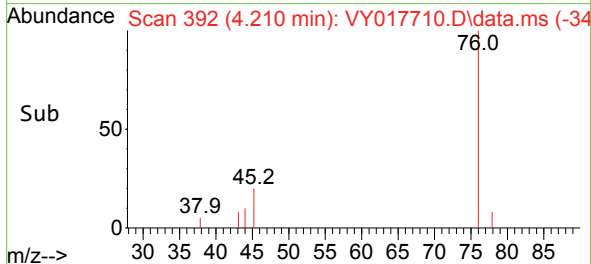
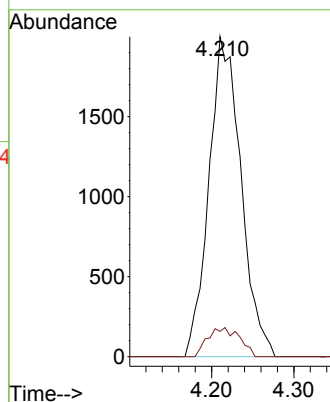
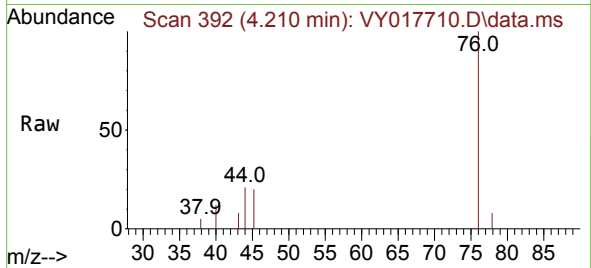




#17
Carbon Disulfide
Concen: 1.460 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

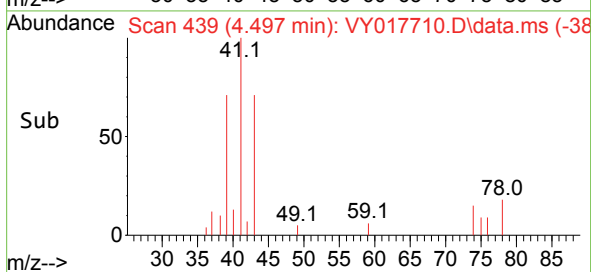
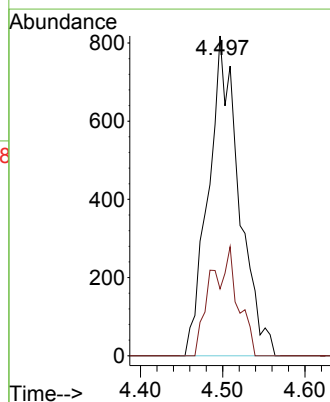
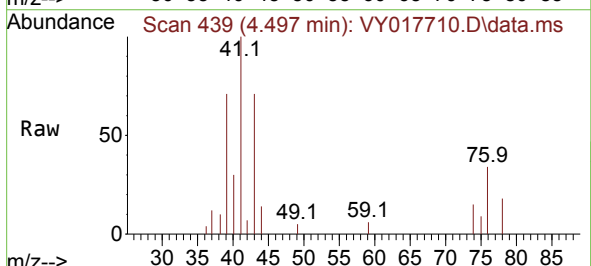
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

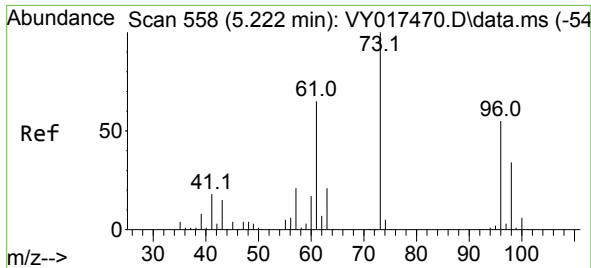
Tgt Ion: 76 Resp: 5420
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.635 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
74 13.9 23.3 34.9#

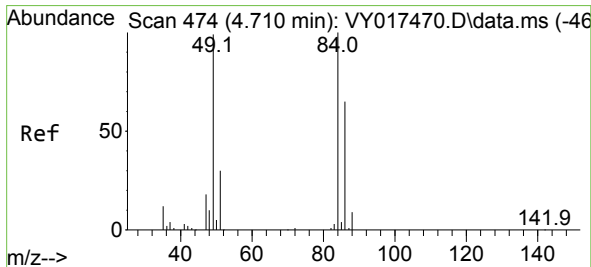
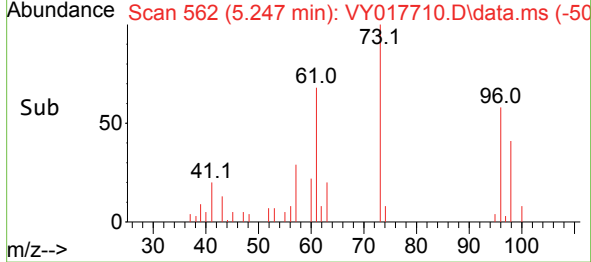
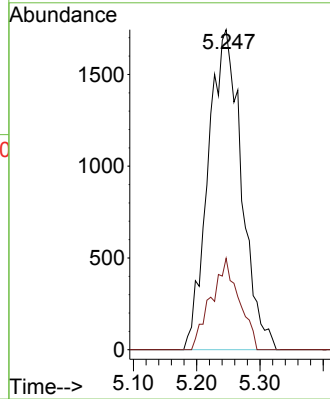
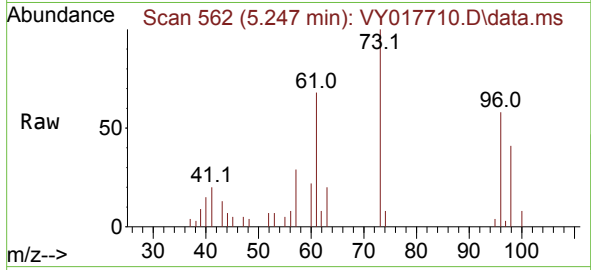




#19
Methyl tert-butyl Ether
Concen: 2.214 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

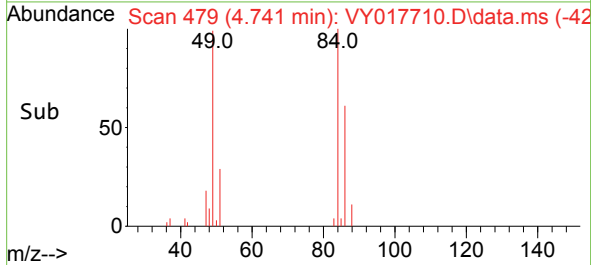
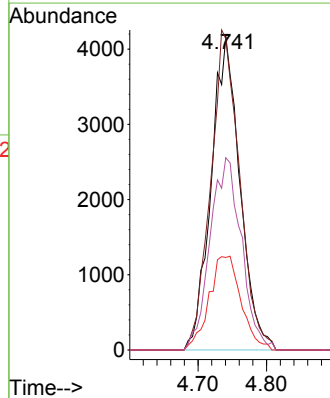
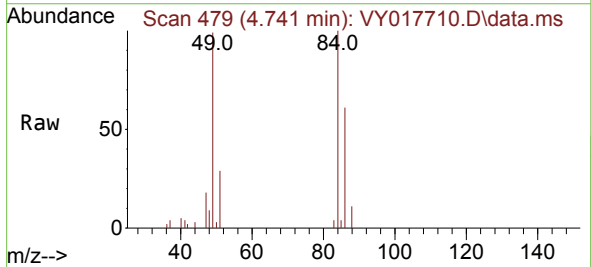
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

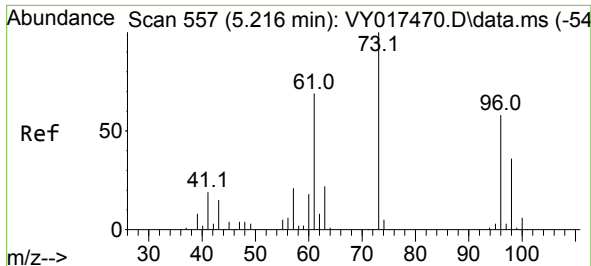
Tgt Ion: 73 Resp: 6384
Ion Ratio Lower Upper
73 100
57 28.6 17.3 25.9#



#20
Methylene Chloride
Concen: 7.071 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.031 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 84 Resp: 12186
Ion Ratio Lower Upper
84 100
49 99.2 84.4 126.6
51 29.5 26.0 39.0
86 61.3 49.5 74.3

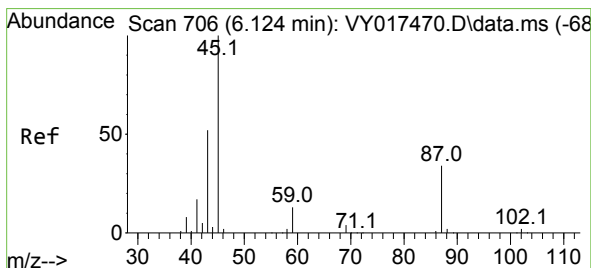
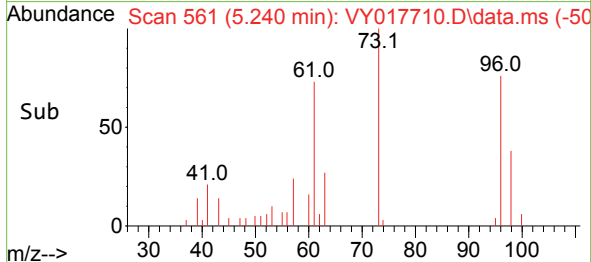
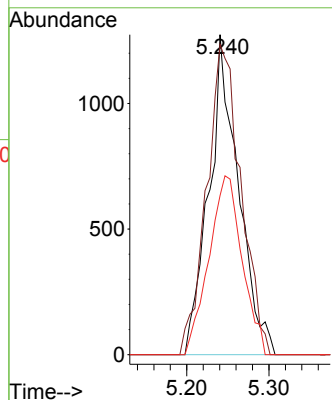
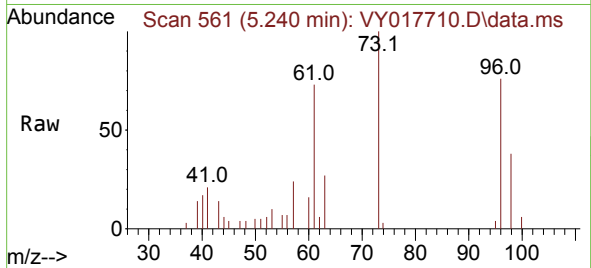




#21
trans-1,2-Dichloroethene
Concen: 2.196 ug/l
RT: 5.240 min Scan# 501
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

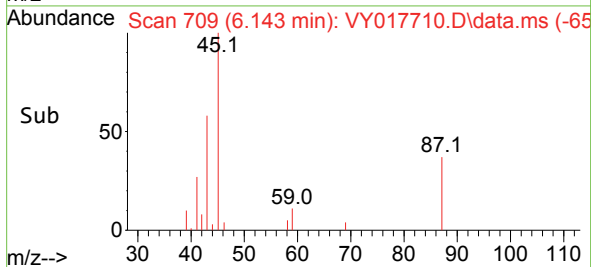
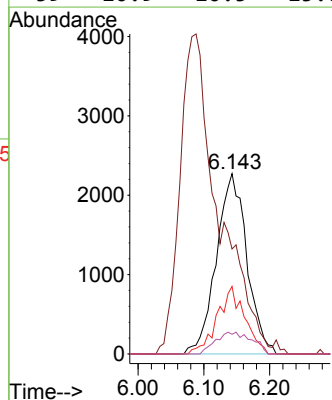
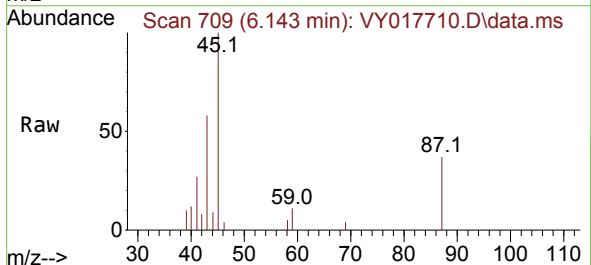
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

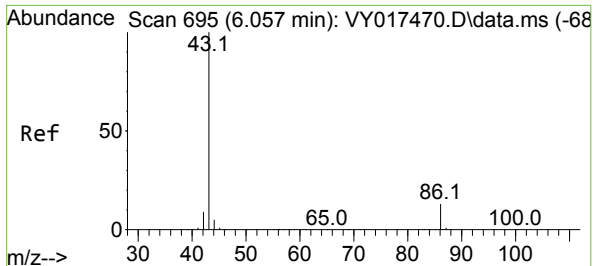
Tgt Ion: 96 Resp: 3181
Ion Ratio Lower Upper
96 100
61 96.9 97.5 146.3#
98 49.7 50.5 75.7#



#22
Diisopropyl ether
Concen: 2.125 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 45 Resp: 7330
Ion Ratio Lower Upper
45 100
43 55.9 42.2 63.2
87 37.4 25.0 37.6
59 10.9 10.5 15.7





#23

Vinyl Acetate

Concen: 7.955 ug/l

RT: 6.088 min Scan# 700

Delta R.T. 0.030 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

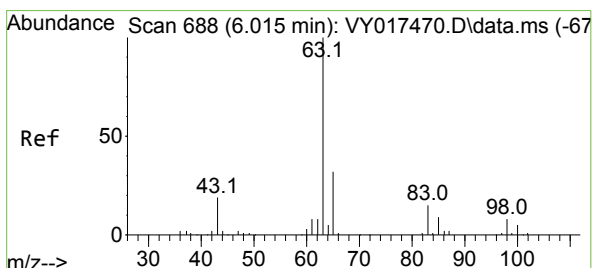
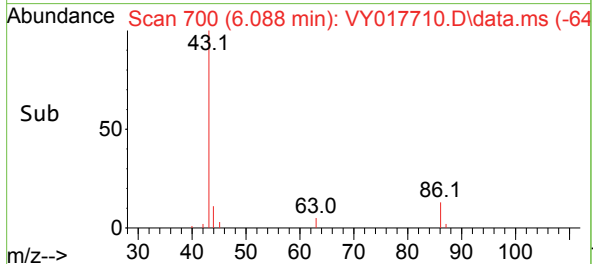
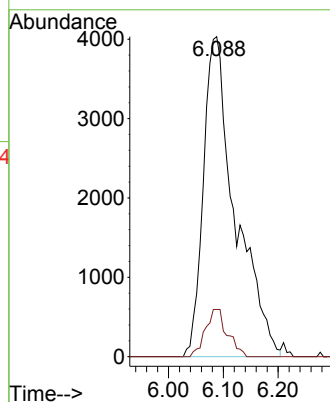
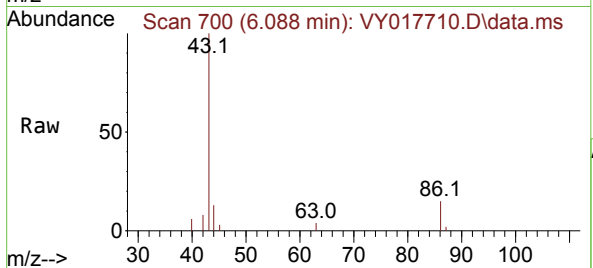
MDL03

Tgt Ion: 43 Resp: 16351

Ion Ratio Lower Upper

43 100

86 14.8 10.6 16.0



#24

1,1-Dichloroethane

Concen: 2.605 ug/l

RT: 6.039 min Scan# 692

Delta R.T. 0.024 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

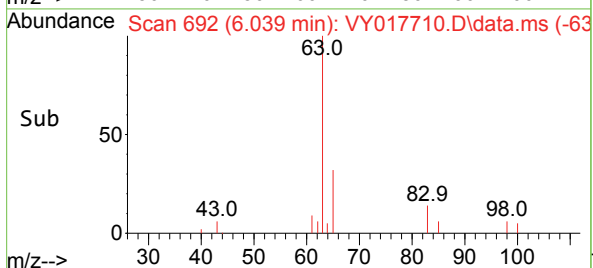
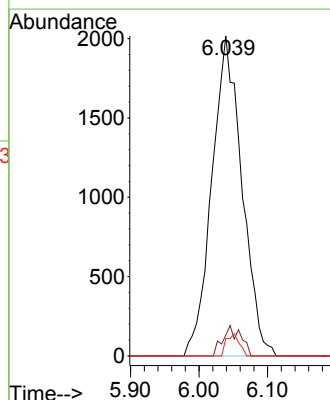
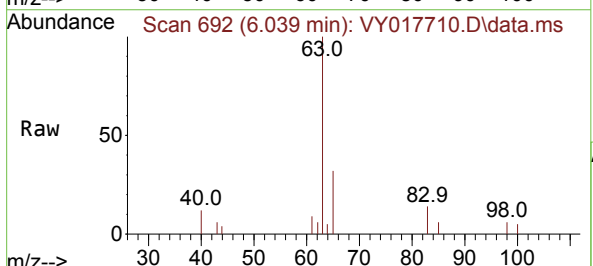
Tgt Ion: 63 Resp: 6138

Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.2

100 5.5 2.6 8.0





#25

2-Butanone

Concen: 11.814 ug/l

RT: 7.002 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

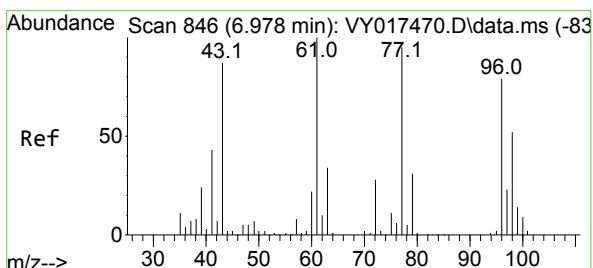
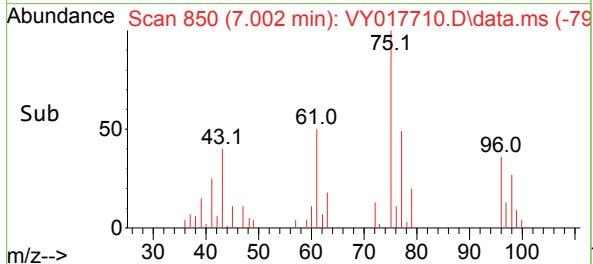
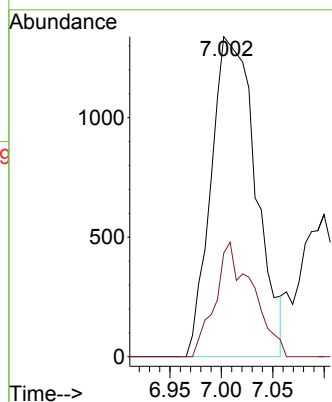
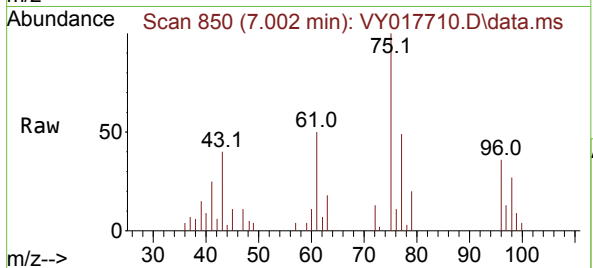
MDL03

Tgt Ion: 43 Resp: 4053

Ion Ratio Lower Upper

43 100

72 32.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.602 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY017710.D

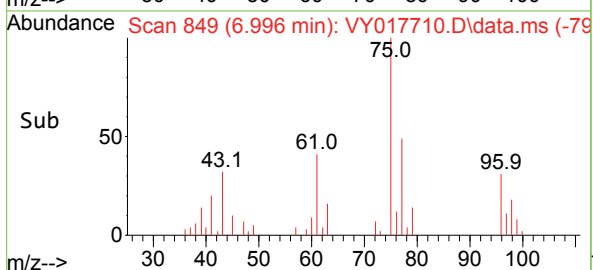
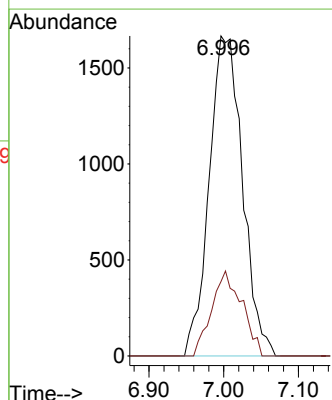
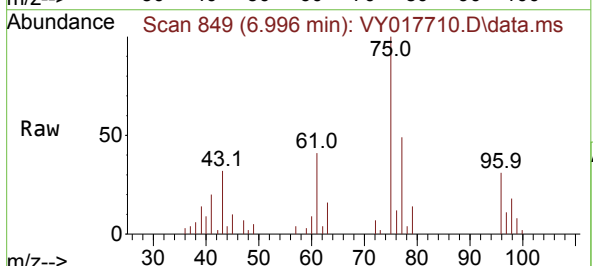
Acq: 19 Mar 2024 14:14

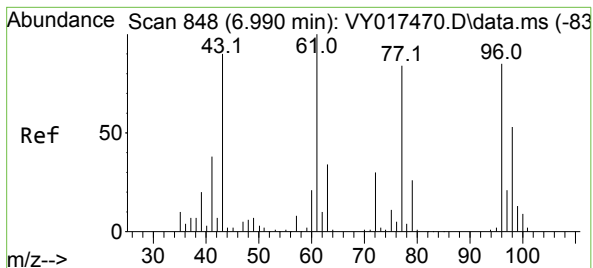
Tgt Ion: 77 Resp: 5156

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.322 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.030 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

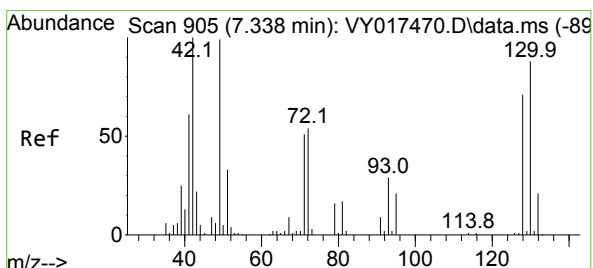
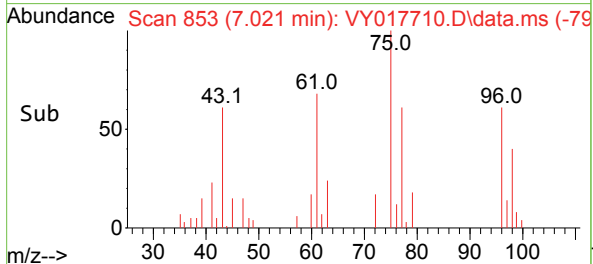
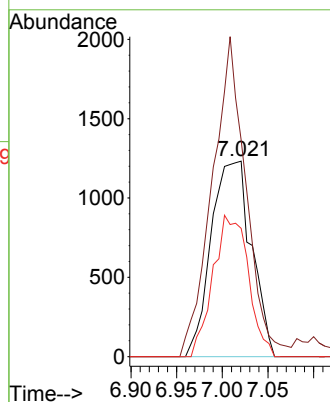
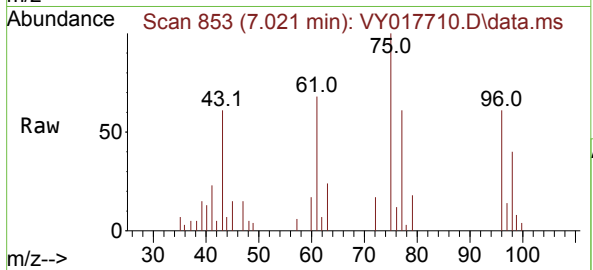
Tgt Ion: 96 Resp: 3776

Ion Ratio Lower Upper

96 100

61 137.8 0.0 256.2

98 63.2 0.0 130.0



#28

Bromochloromethane

Concen: 1.790 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

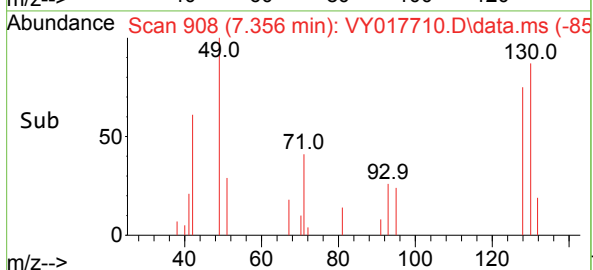
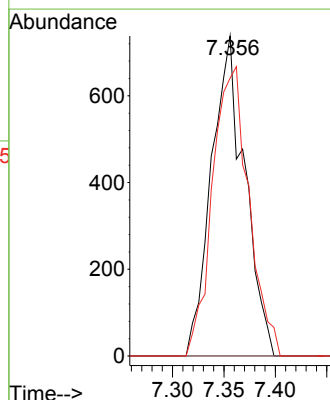
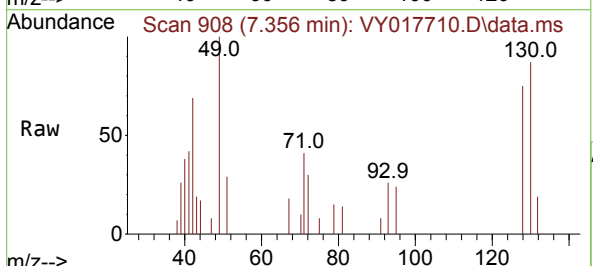
Tgt Ion: 49 Resp: 1661

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 98.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 9.212 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

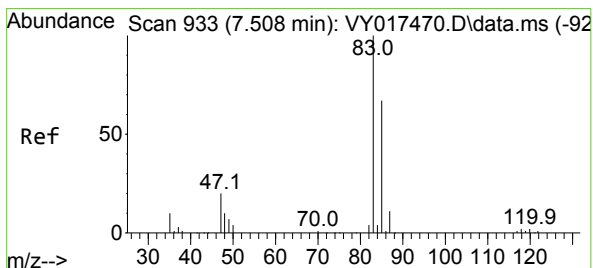
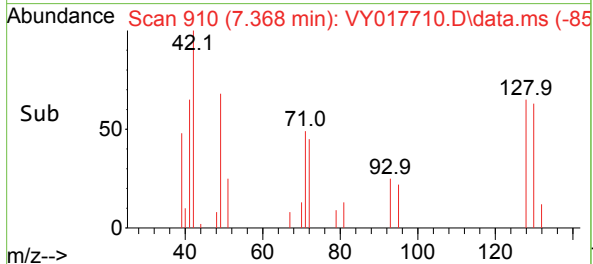
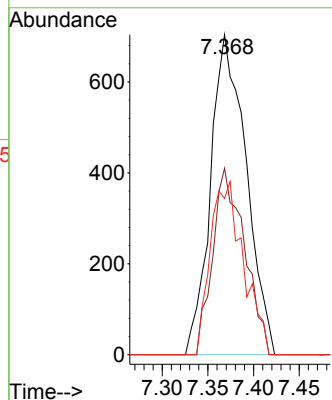
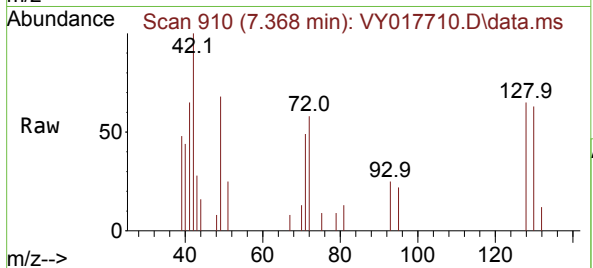
Tgt Ion: 42 Resp: 1905

Ion Ratio Lower Upper

42 100

72 52.0 43.0 64.4

71 50.4 40.8 61.2



#30

Chloroform

Concen: 2.639 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017710.D

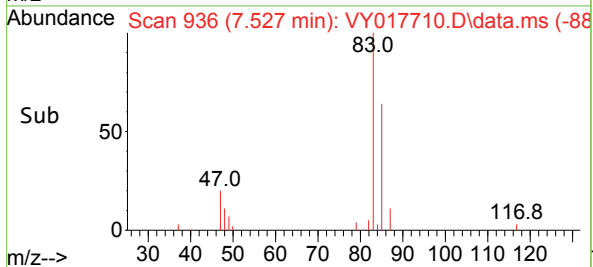
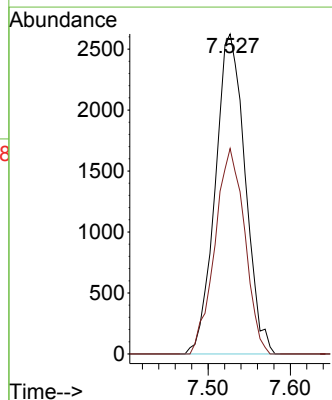
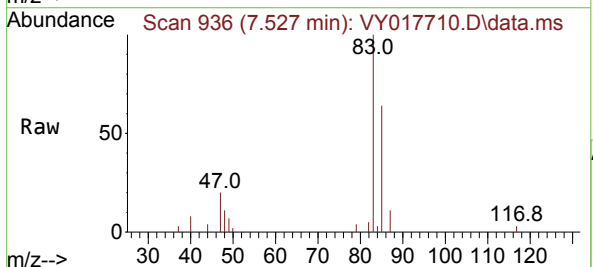
Acq: 19 Mar 2024 14:14

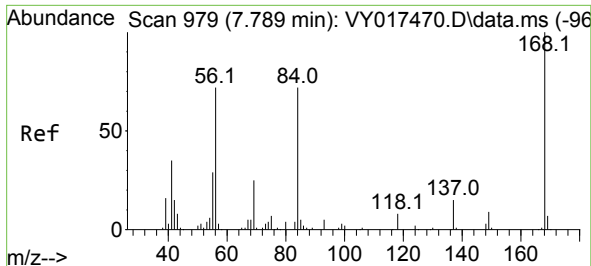
Tgt Ion: 83 Resp: 6622

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

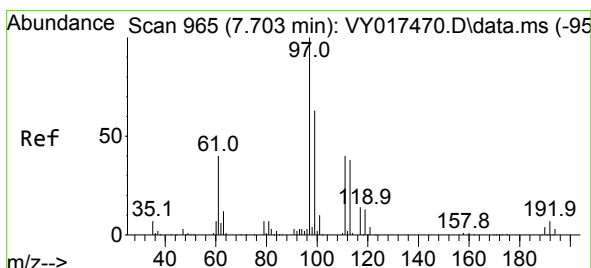
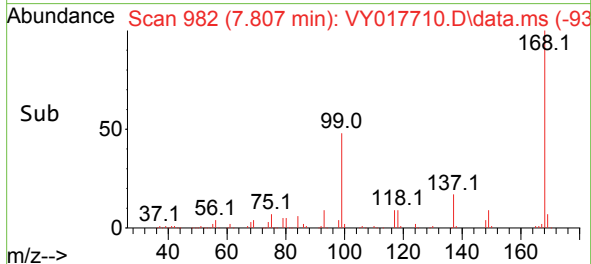
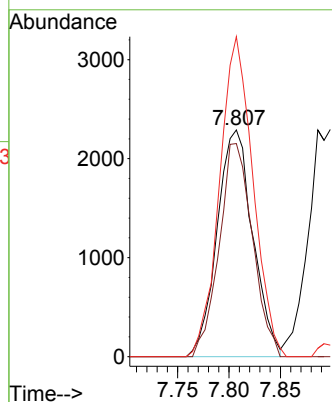
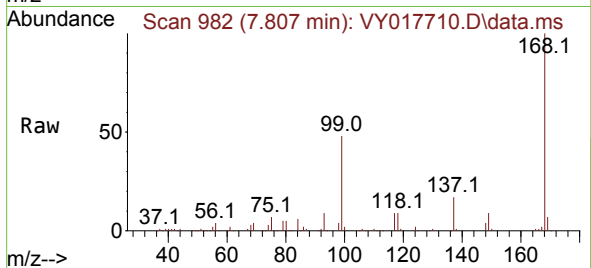




#31
Cyclohexane
Concen: 2.732 ug/l
RT: 7.807 min Scan# 918
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

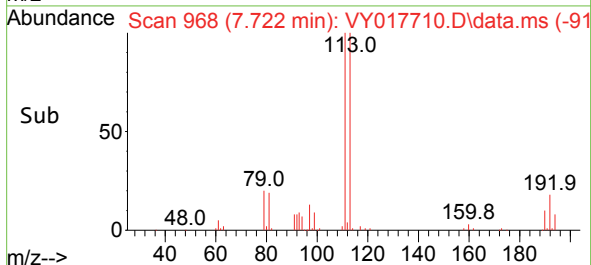
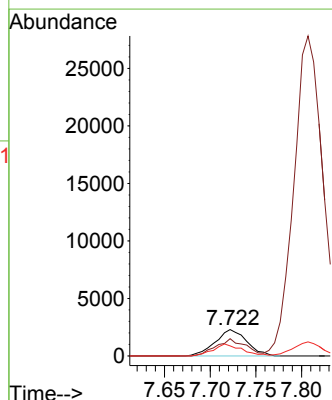
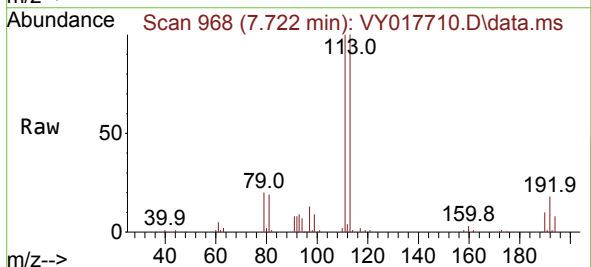
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

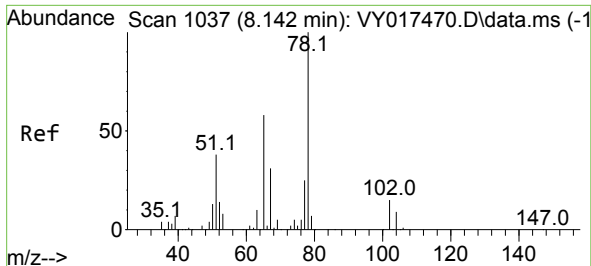
Tgt Ion: 56 Resp: 5518
Ion Ratio Lower Upper
56 100
69 94.0 28.7 43.1#
84 141.1 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.520 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 97 Resp: 5490
Ion Ratio Lower Upper
97 100
99 61.9 50.3 75.5
61 41.3 32.6 48.8

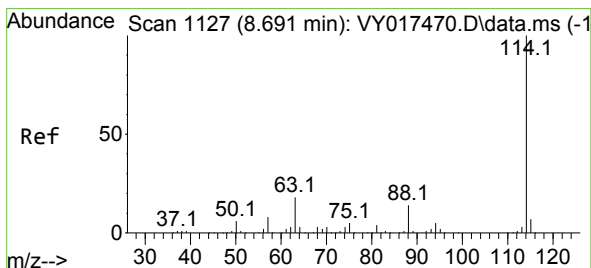
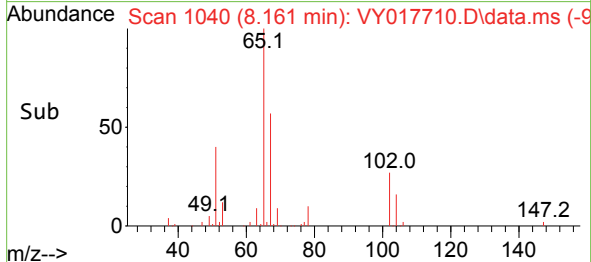
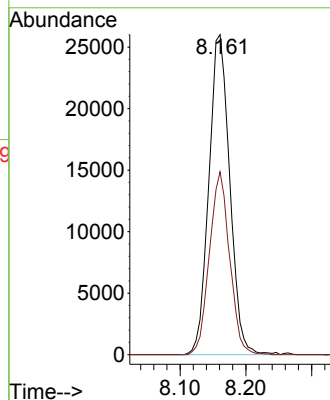
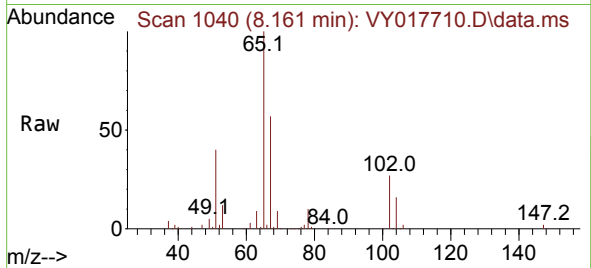




#33
1,2-Dichloroethane-d4
Concen: 46.431 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

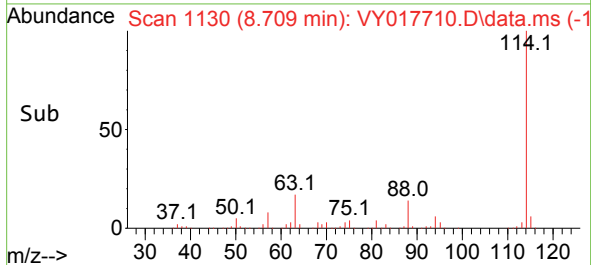
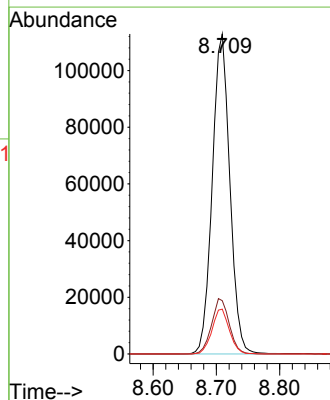
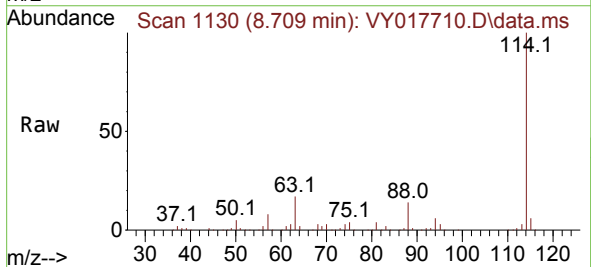
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tgt Ion: 65 Resp: 57626
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion:114 Resp: 217945
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.0 0.0 27.2

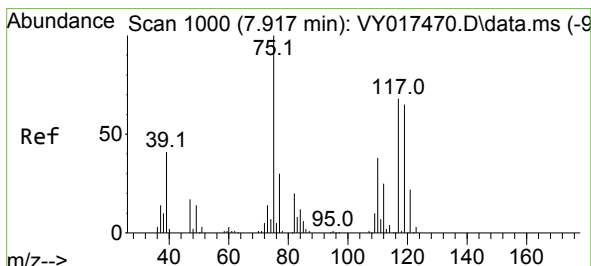
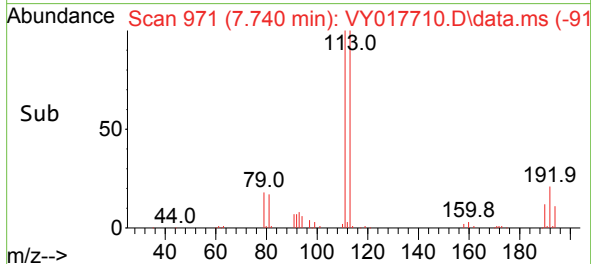
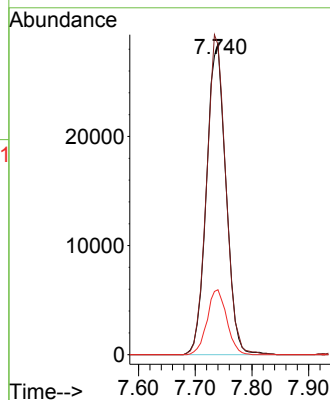
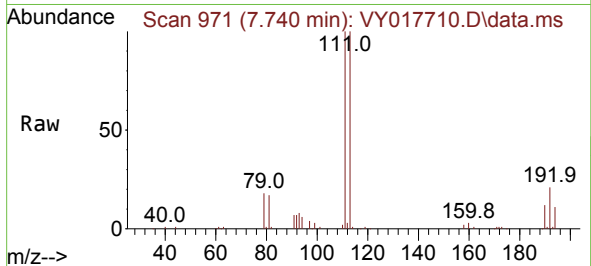




#35
Dibromofluoromethane
Concen: 44.691 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

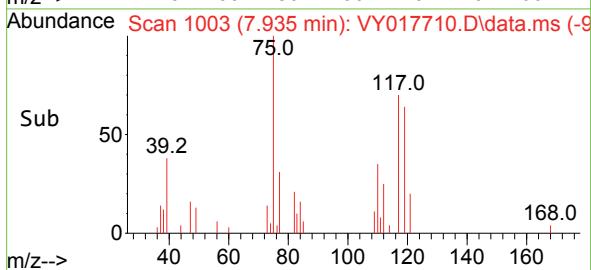
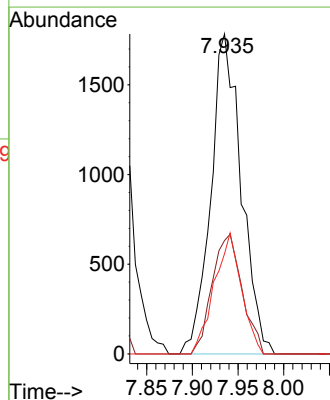
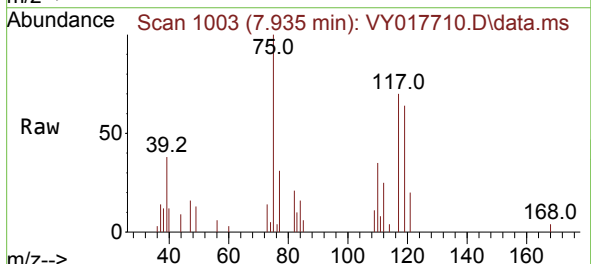
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

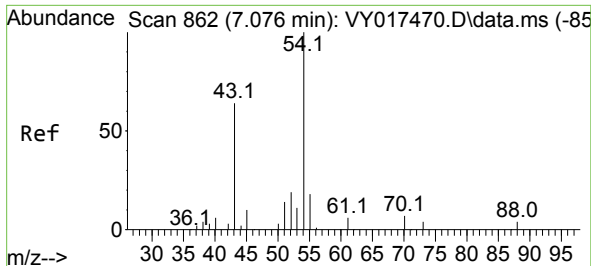
Tgt Ion:113 Resp: 67873
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.023 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 75 Resp: 4145
Ion Ratio Lower Upper
75 100
110 36.6 19.0 57.0
77 33.6 25.3 37.9





#37

Ethyl Acetate

Concen: 1.976 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.024 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

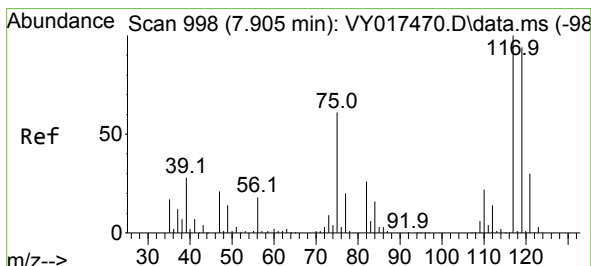
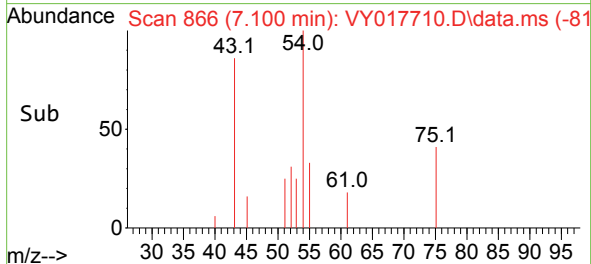
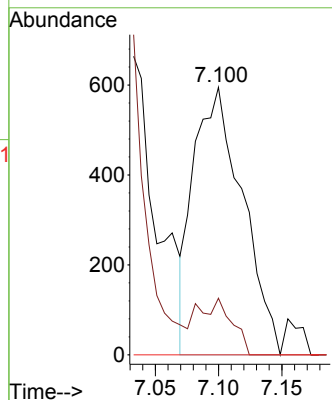
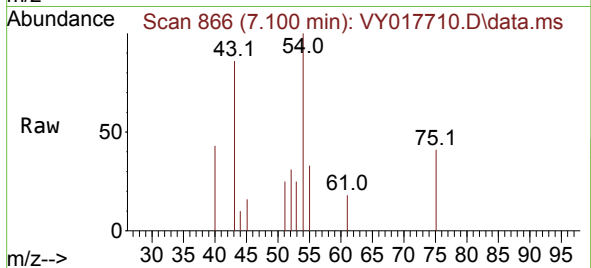
Tgt Ion: 43 Resp: 1599

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.331 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

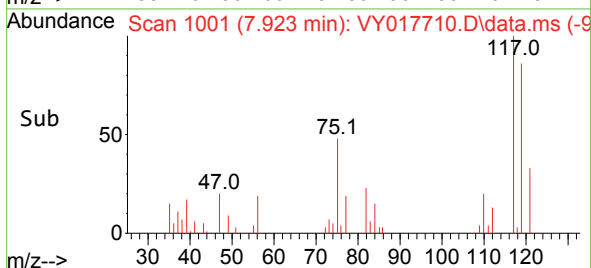
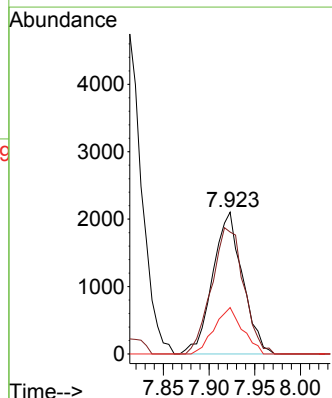
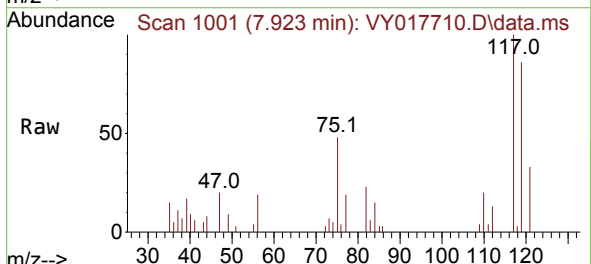
Tgt Ion: 117 Resp: 4787

Ion Ratio Lower Upper

117 100

119 85.9 75.8 113.6

121 32.7 24.0 36.0





#39

Methylcyclohexane

Concen: 1.727 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

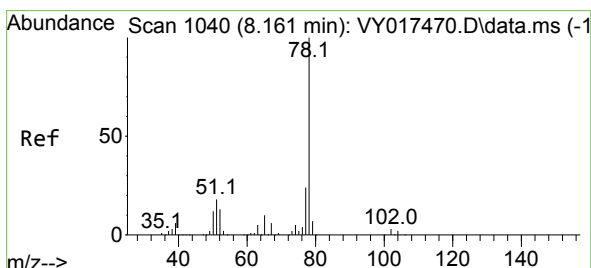
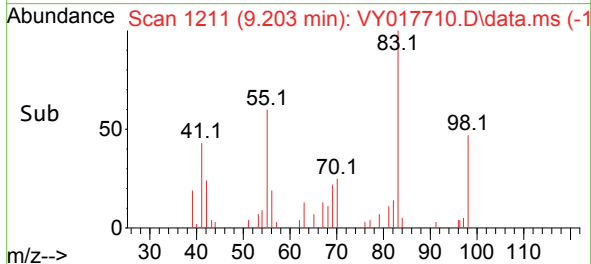
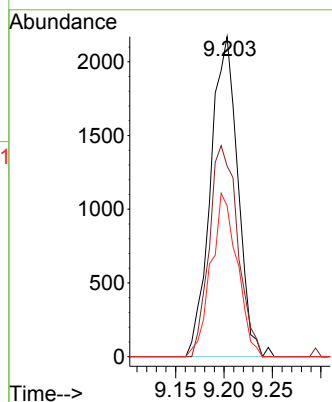
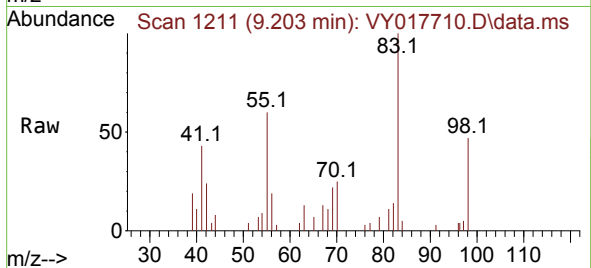
Tgt Ion: 83 Resp: 4253

Ion Ratio Lower Upper

83 100

55 59.6 51.5 77.3

98 47.1 40.5 60.7



#40

Benzene

Concen: 2.228 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.024 min

Lab File: VY017710.D

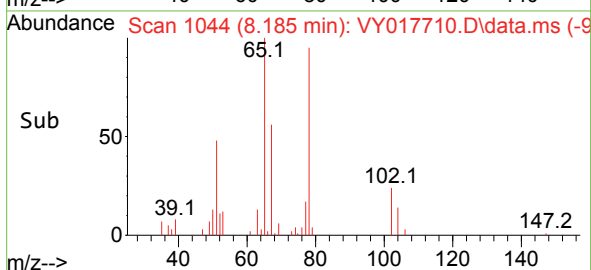
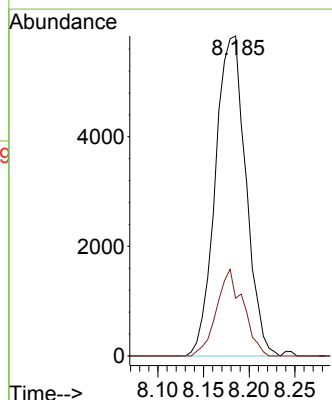
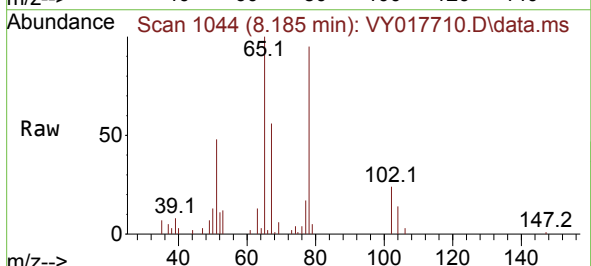
Acq: 19 Mar 2024 14:14

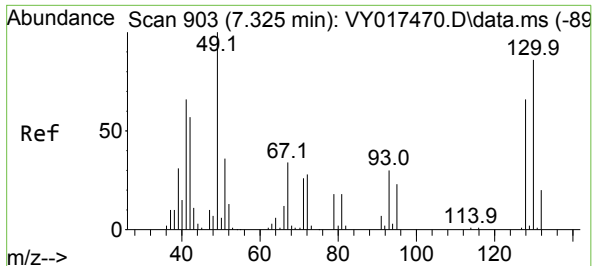
Tgt Ion: 78 Resp: 13559

Ion Ratio Lower Upper

78 100

77 18.1 19.5 29.3#

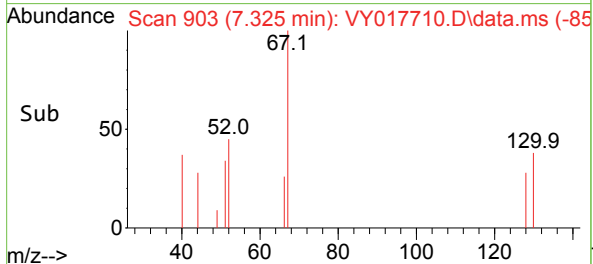
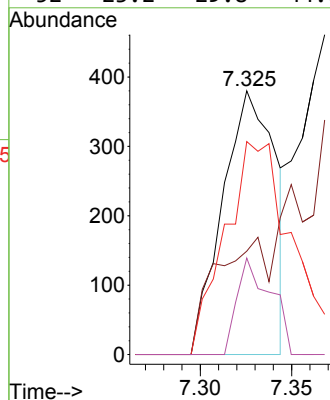
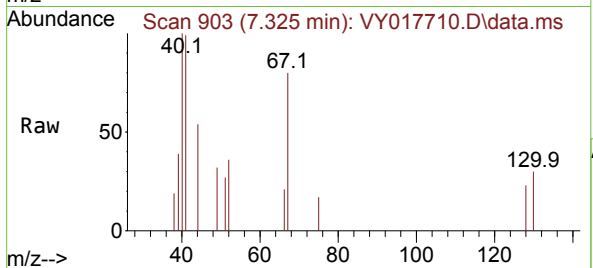




#41
Methacrylonitrile
Concen: 1.879 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

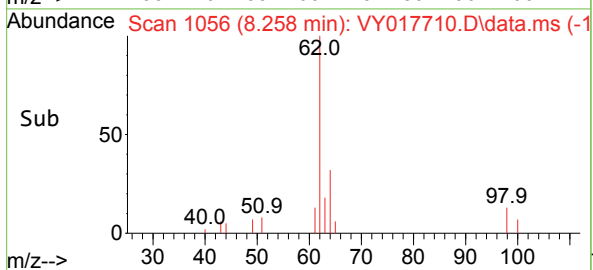
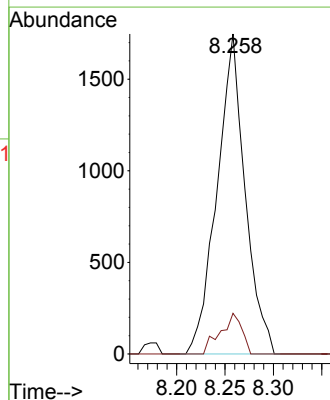
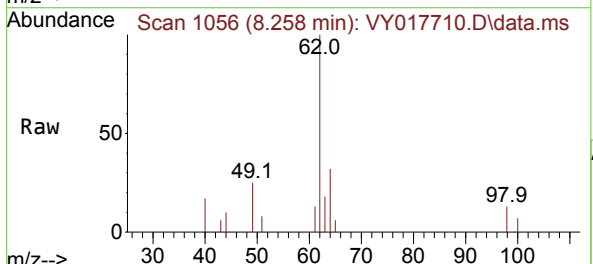
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

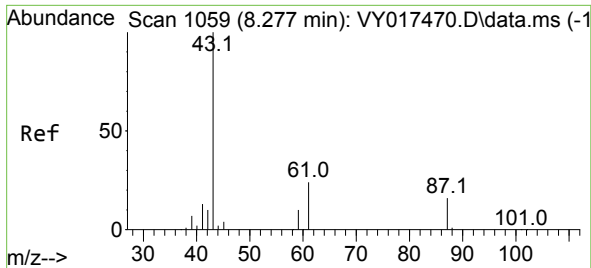
Tgt Ion: 41 Resp: 763
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 100.4 75.1 112.7
52 23.2 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.374 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 62 Resp: 3524
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0

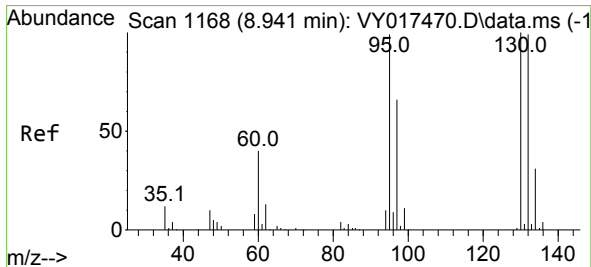
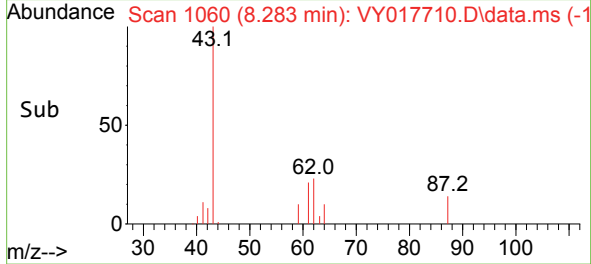
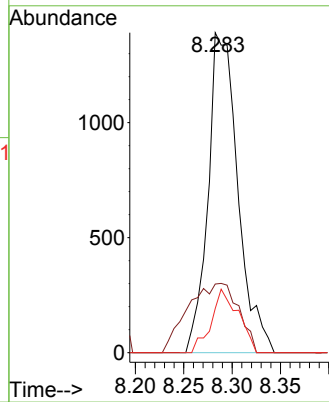
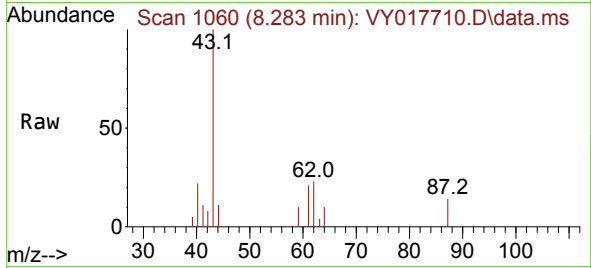




#43
Isopropyl Acetate
Concen: 2.096 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

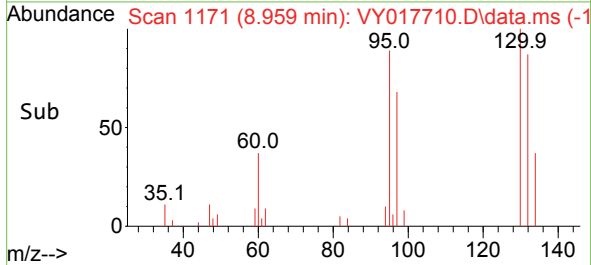
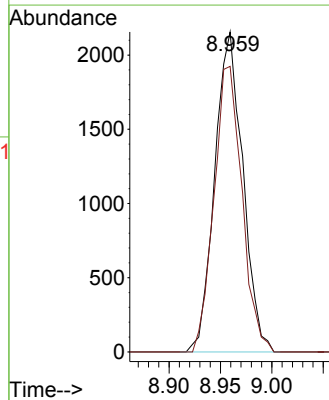
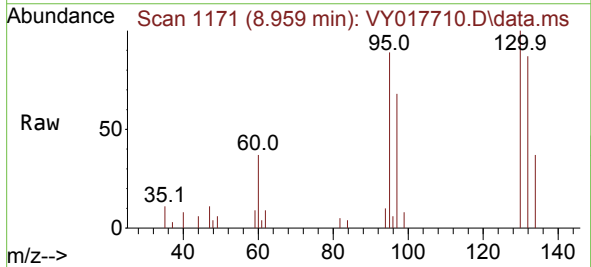
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

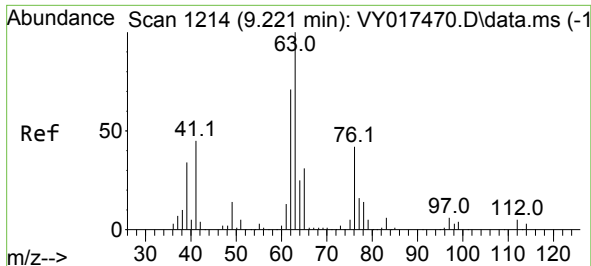
Tgt Ion: 43	Resp: 2981
Ion Ratio	Lower Upper
43 100	
61 36.7	27.9 41.9
87 18.0	13.1 19.7



#44
Trichloroethene
Concen: 2.332 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt	Ion:130	Resp:	4091
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	188.0

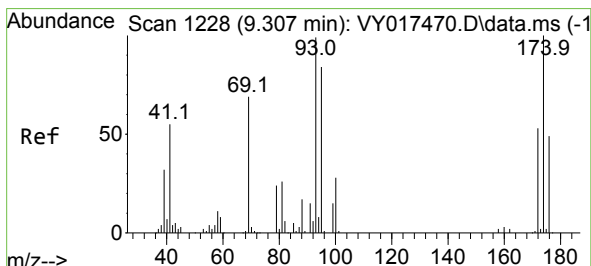
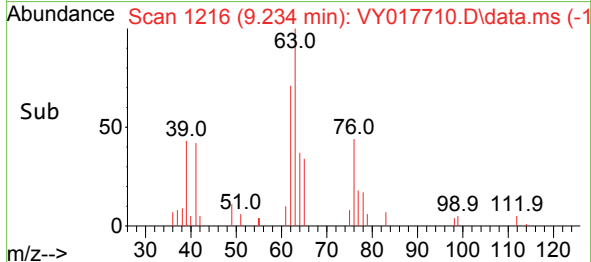
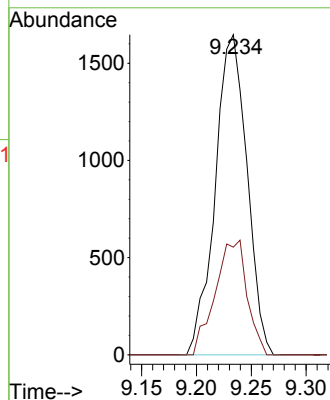
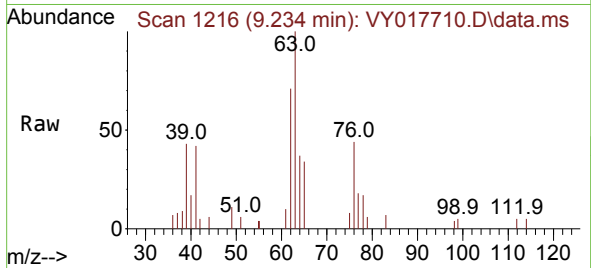




#45
1,2-Dichloropropane
Concen: 2.298 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

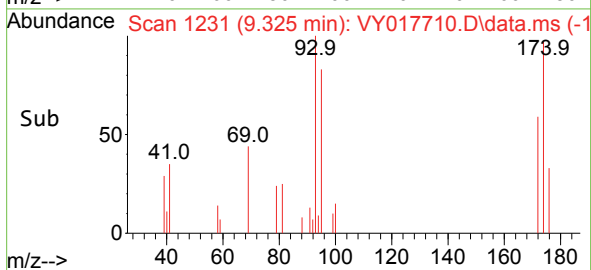
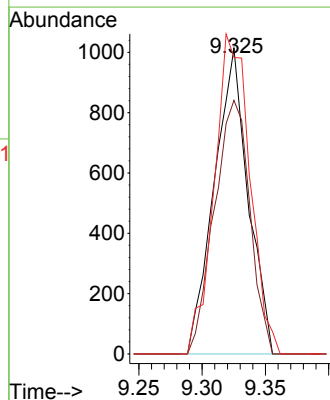
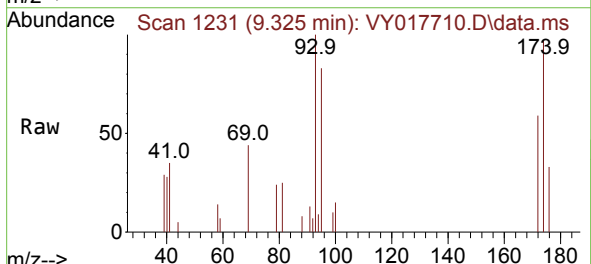
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

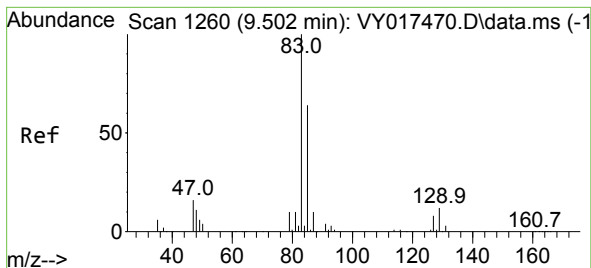
Tgt Ion: 63 Resp: 3327
Ion Ratio Lower Upper
63 100
65 33.6 25.4 38.2



#46
Dibromomethane
Concen: 2.274 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 93 Resp: 1884
Ion Ratio Lower Upper
93 100
95 87.0 66.2 99.4
174 110.1 80.9 121.3





#47

Bromodichloromethane

Concen: 2.465 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

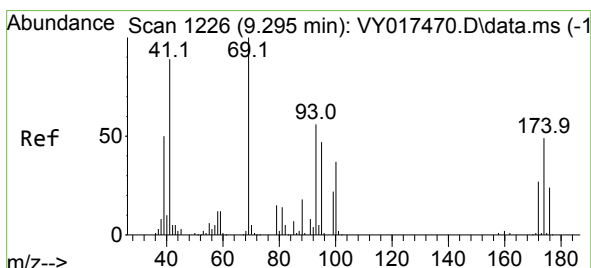
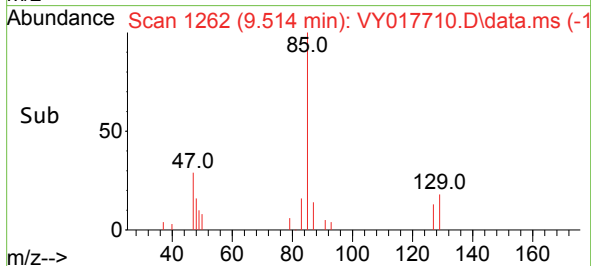
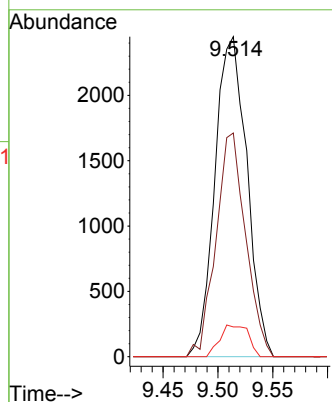
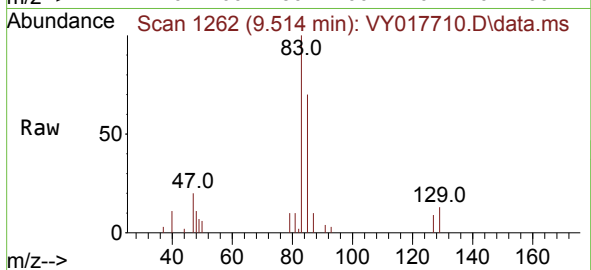
Tgt Ion: 83 Resp: 4960

Ion Ratio Lower Upper

83 100

85 69.9 50.1 75.1

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 2.222 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

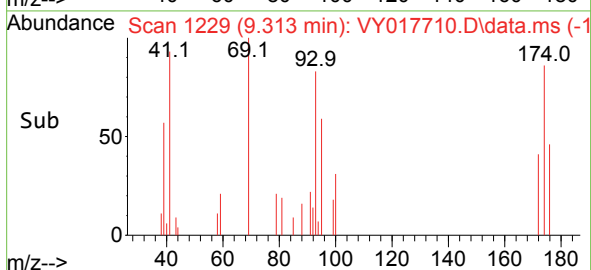
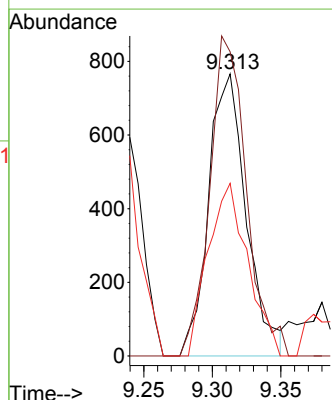
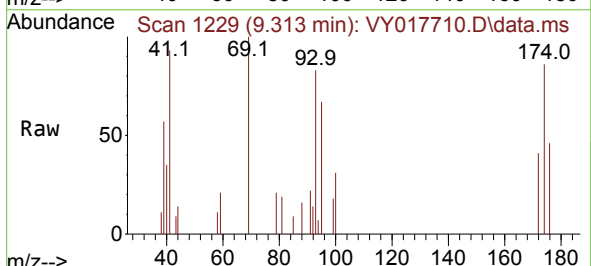
Tgt Ion: 41 Resp: 1463

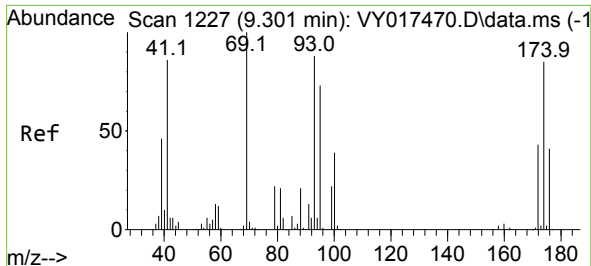
Ion Ratio Lower Upper

41 100

69 110.5 84.1 126.1

39 64.8 43.6 65.4





#49

1,4-Dioxane

Concen: 32.100 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

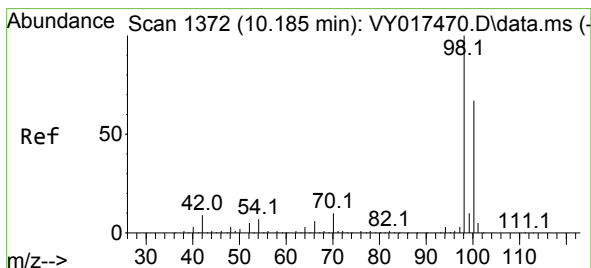
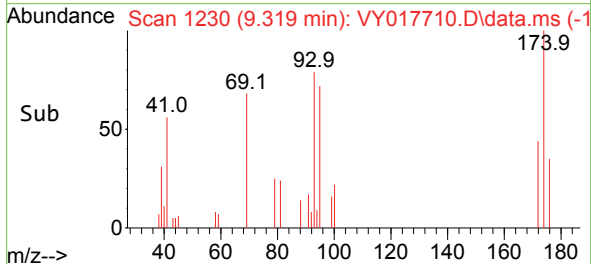
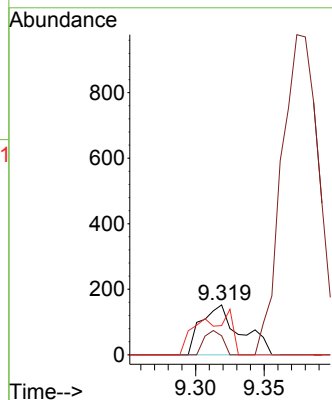
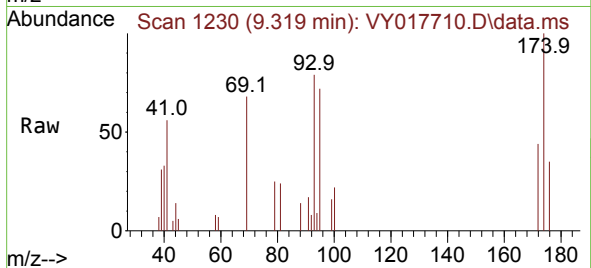
Tgt Ion: 88 Resp: 301

Ion Ratio Lower Upper

88 100

43 22.9 0.0 0.0#

58 71.4 49.3 73.9



#50

Toluene-d8

Concen: 47.782 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017710.D

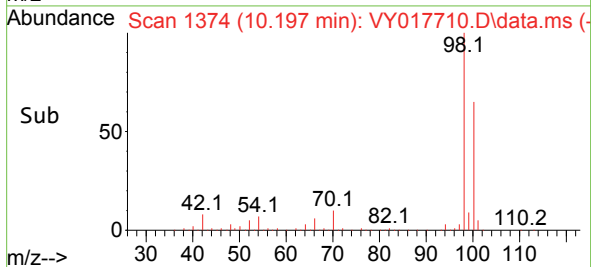
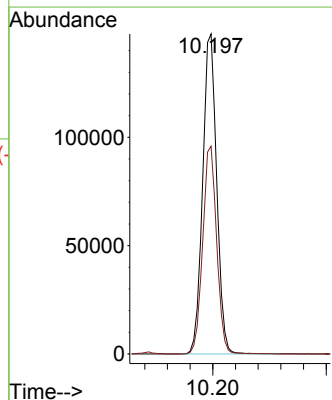
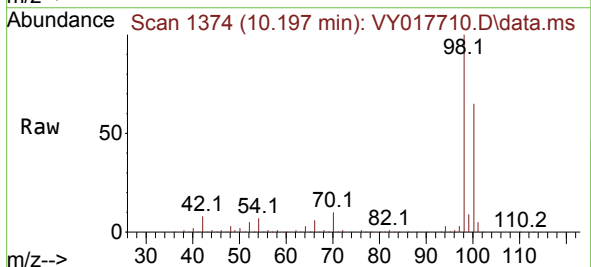
Acq: 19 Mar 2024 14:14

Tgt Ion: 98 Resp: 253720

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

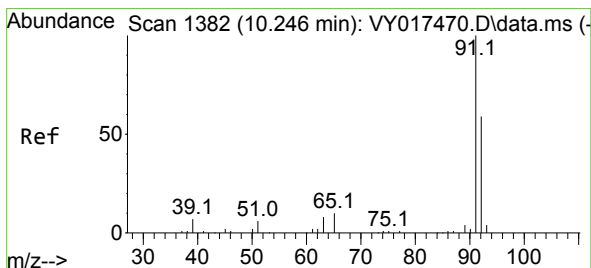
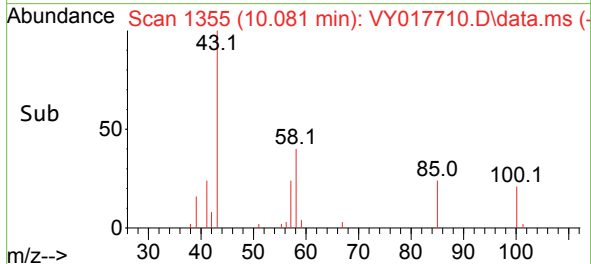
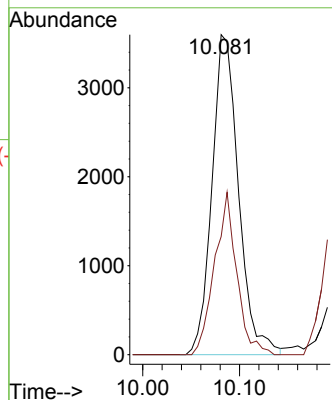
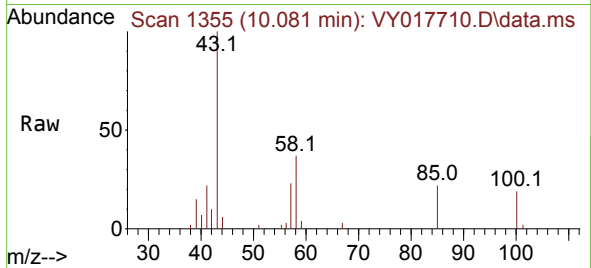




#51
4-Methyl-2-Pentanone
Concen: 8.666 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

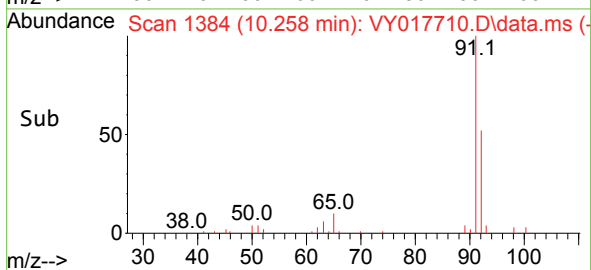
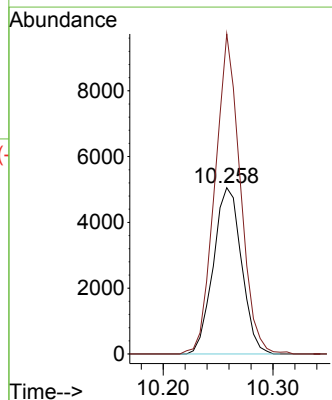
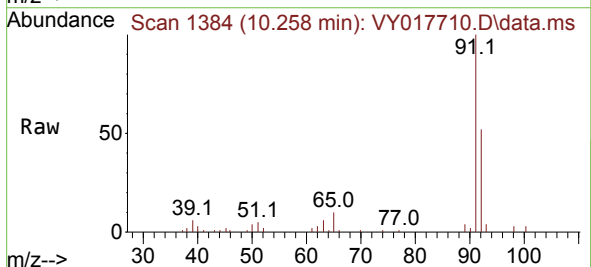
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

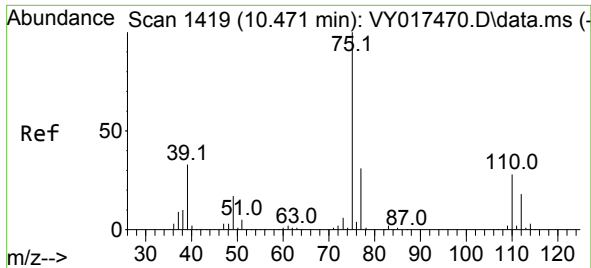
Tgt Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
58 42.6 35.7 53.5



#52
Toluene
Concen: 2.350 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 92 Resp: 9014
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6

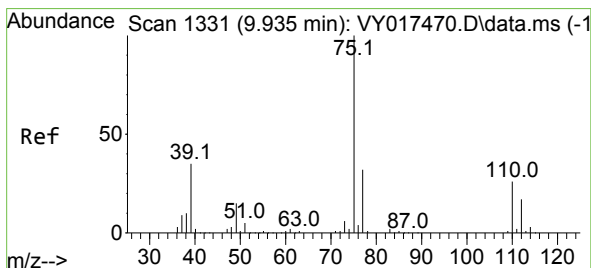
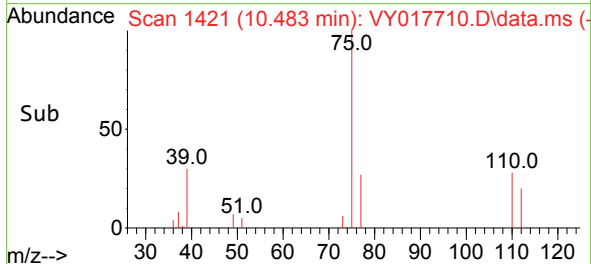
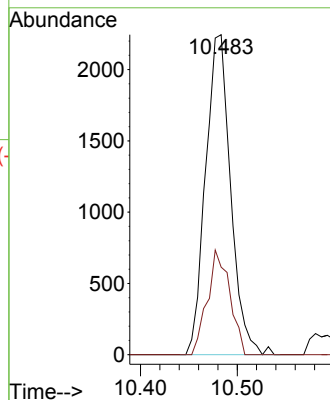
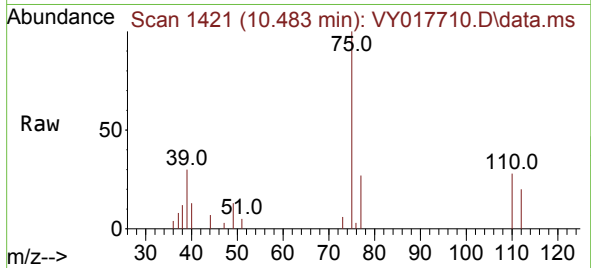




#53
 t-1,3-Dichloropropene
 Concen: 2.169 ug/l
 RT: 10.483 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 14:14

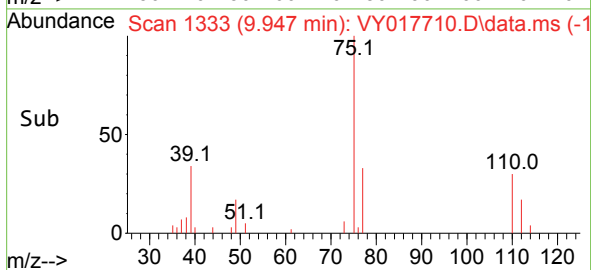
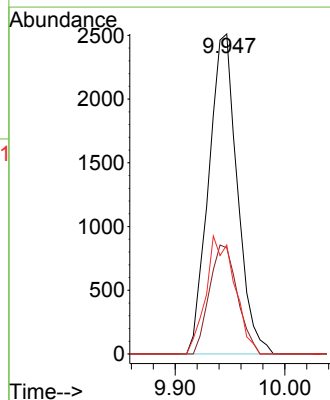
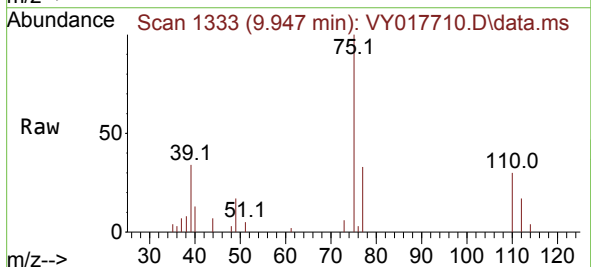
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

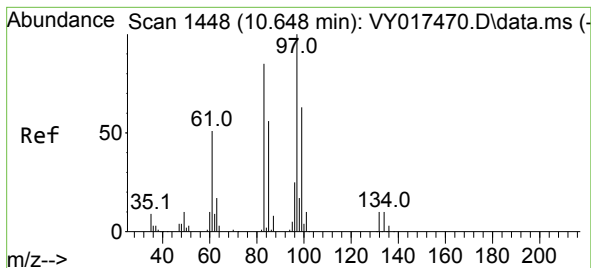
Tgt Ion: 75 Resp: 4051
 Ion Ratio Lower Upper
 75 100
 77 27.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 2.009 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017710.D
 Acq: 19 Mar 2024 14:14

Tgt Ion: 75 Resp: 4559
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0
 39 34.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.384 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 2805

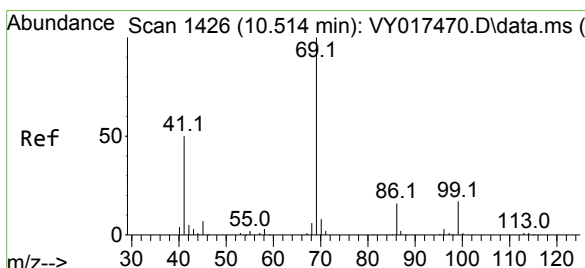
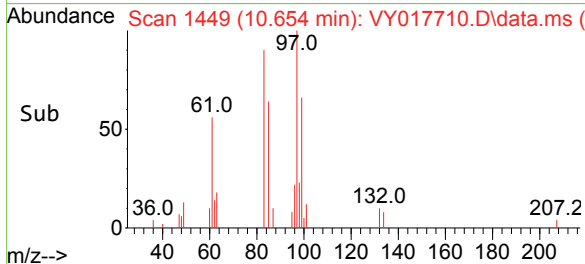
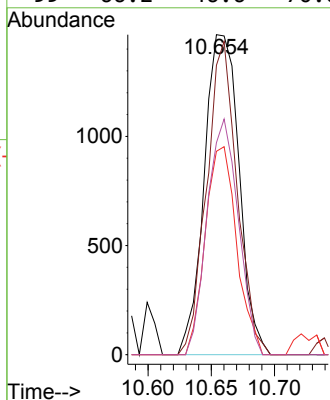
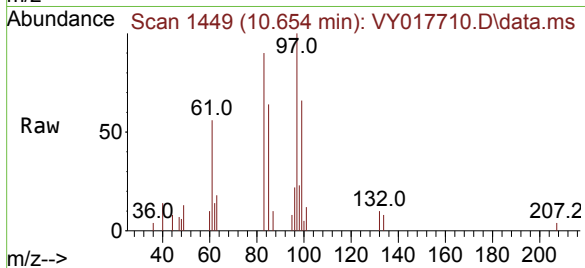
Ion Ratio Lower Upper

97 100

83 90.5 67.5 101.3

85 63.6 42.9 64.3

99 66.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 1.387 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

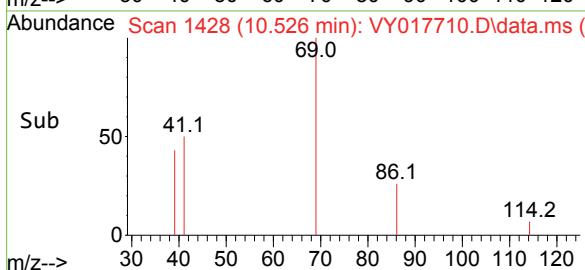
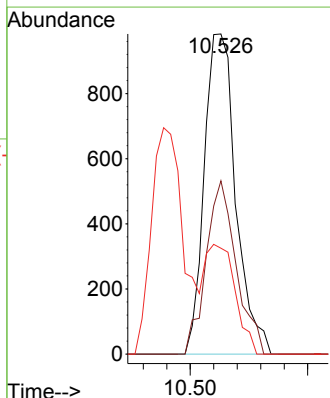
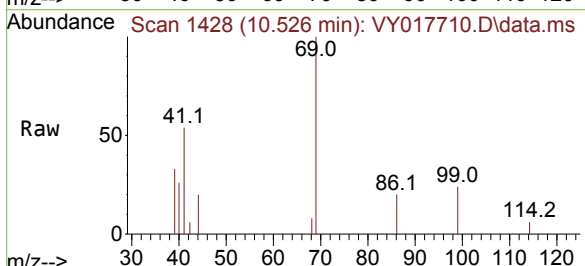
Tgt Ion: 69 Resp: 1830

Ion Ratio Lower Upper

69 100

41 51.8 42.3 63.5

39 32.6 22.9 34.3





#57

1,3-Dichloropropane

Concen: 2.319 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

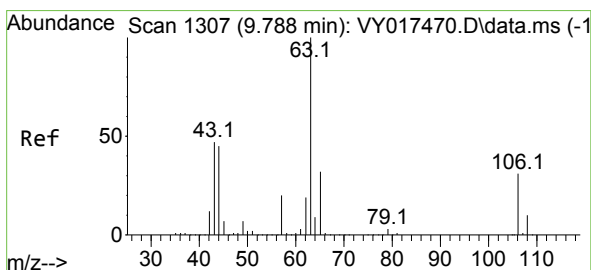
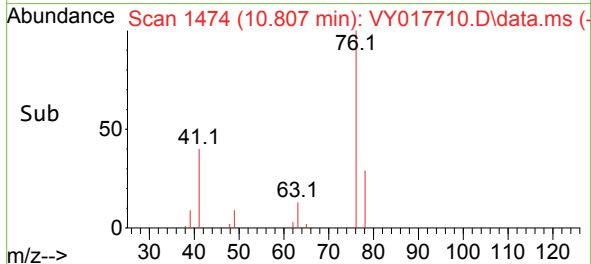
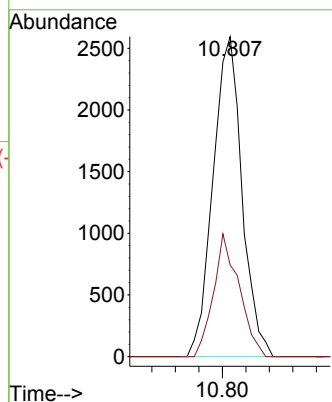
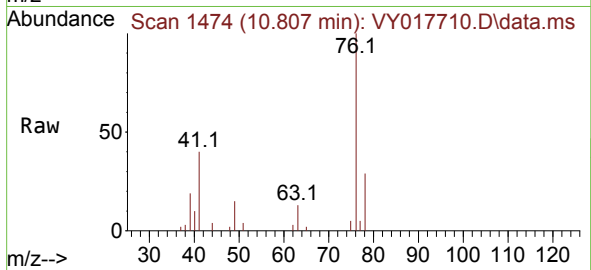
MDL03

Tgt Ion: 76 Resp: 4436

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 7.899 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017710.D

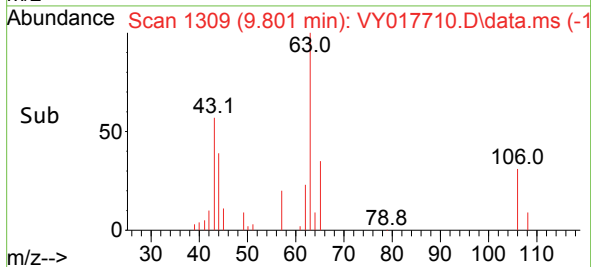
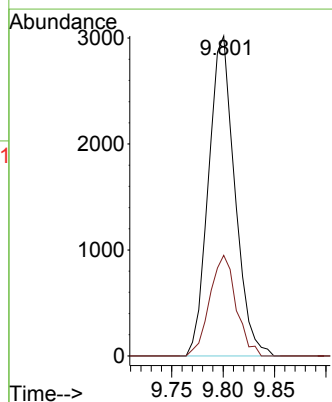
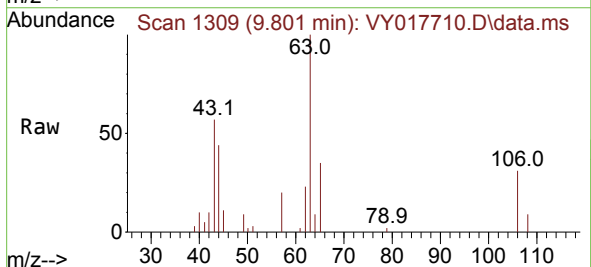
Acq: 19 Mar 2024 14:14

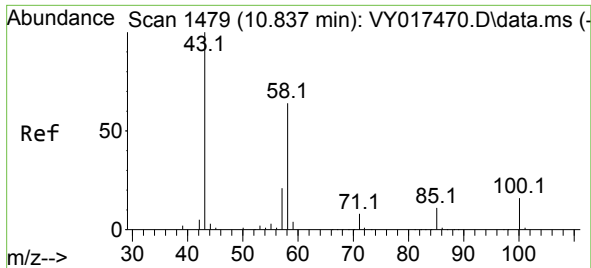
Tgt Ion: 63 Resp: 5362

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5

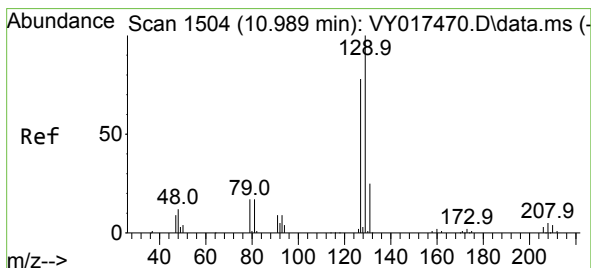
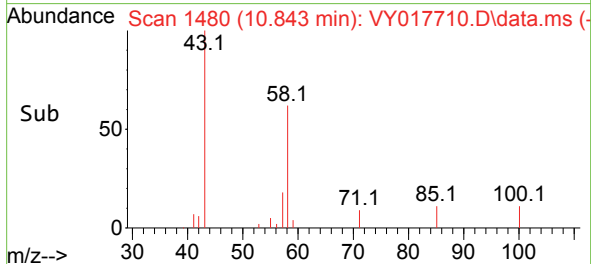
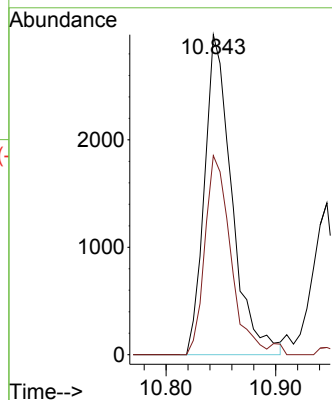
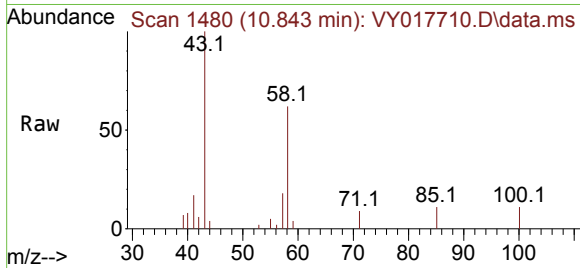




#59
2-Hexanone
Concen: 9.491 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

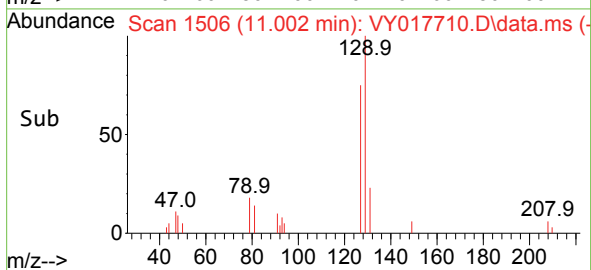
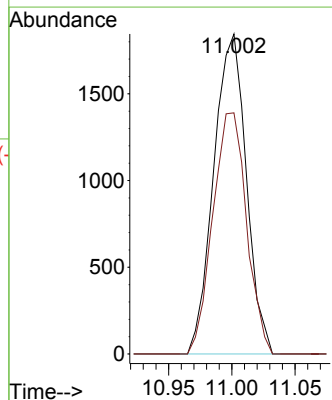
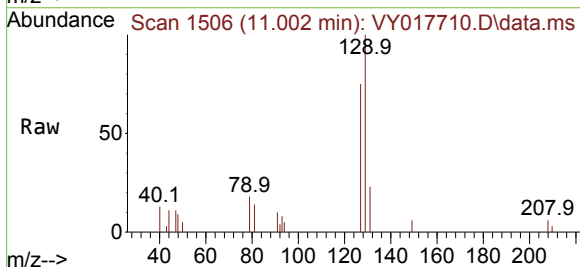
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 5167
Ion Ratio Lower Upper
43 100
58 58.4 31.4 94.0



#60
Dibromochloromethane
Concen: 2.374 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 129 Resp: 3304
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 2.200 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

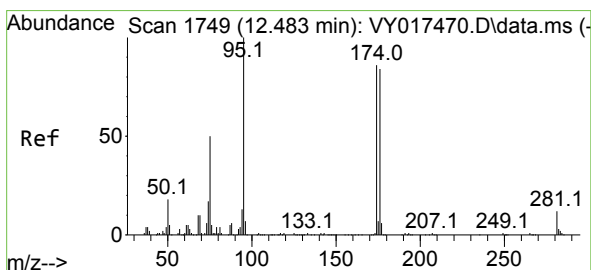
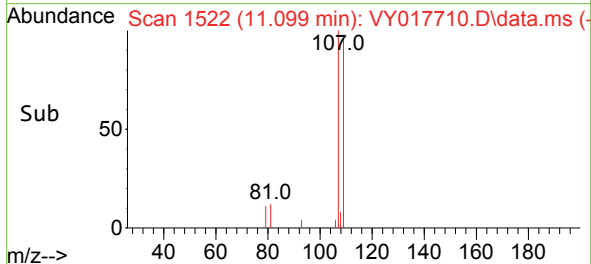
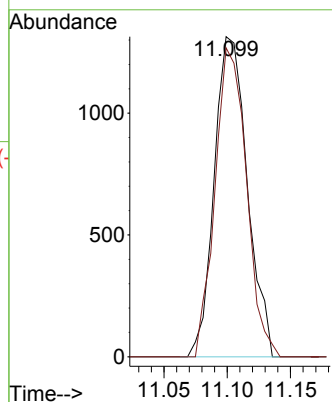
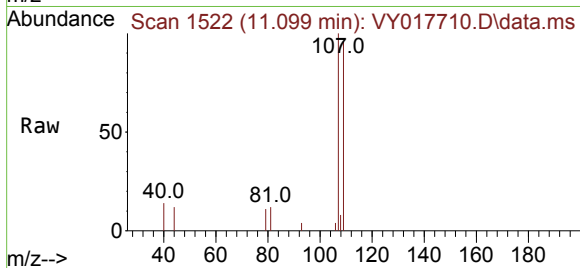
MDL03

Tgt Ion:107 Resp: 2385

Ion Ratio Lower Upper

107 100

109 91.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 41.978 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

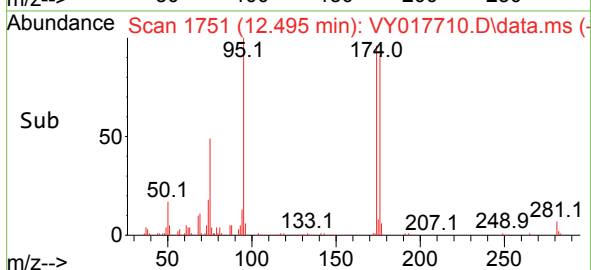
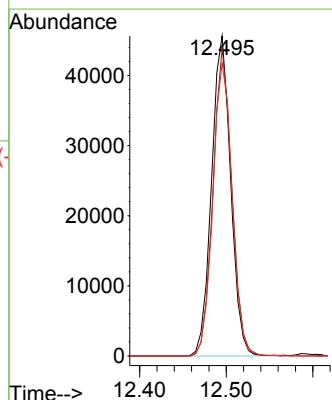
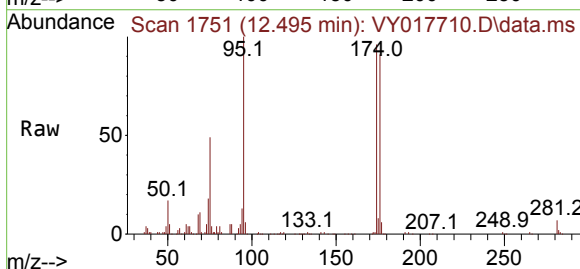
Tgt Ion: 95 Resp: 70053

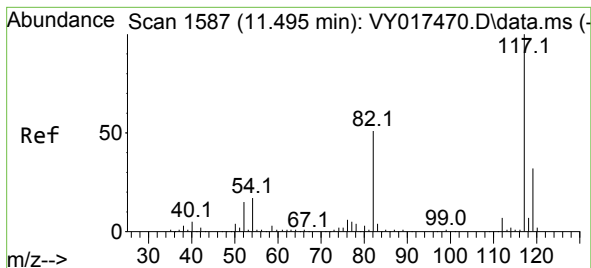
Ion Ratio Lower Upper

95 100

174 94.7 0.0 175.6

176 92.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

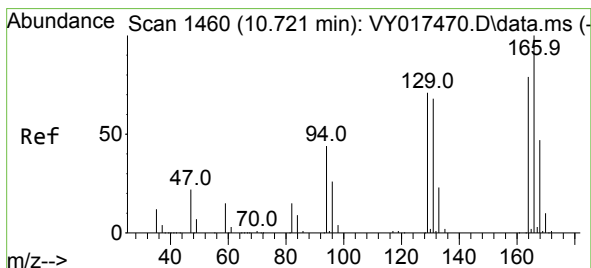
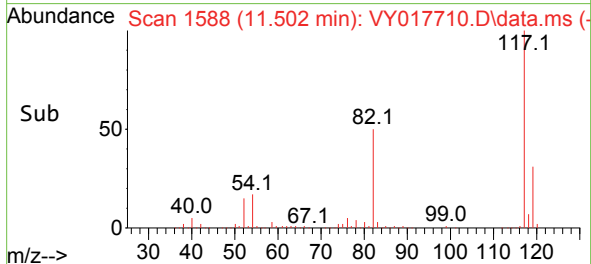
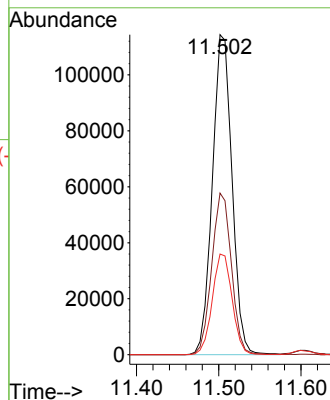
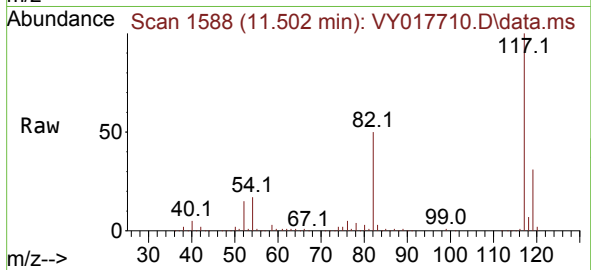
Tgt Ion:117 Resp: 190114

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 2.217 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Tgt Ion:164 Resp: 4045

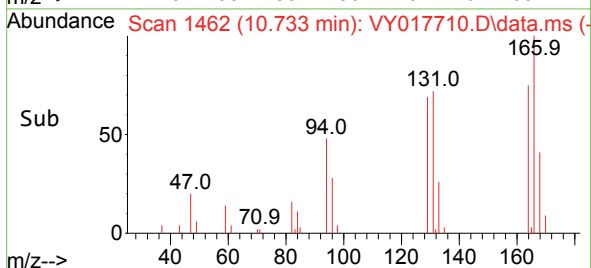
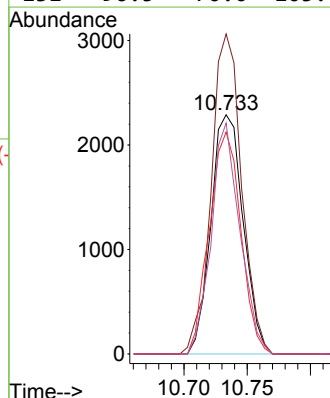
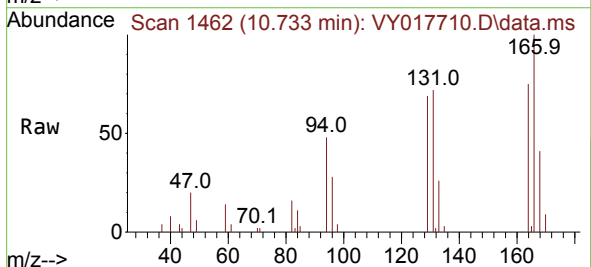
Ion Ratio Lower Upper

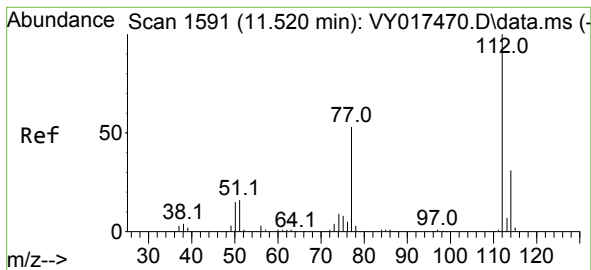
164 100

166 133.8 102.6 154.0

129 92.8 72.0 108.0

131 96.5 70.0 105.0





#65

Chlorobenzene

Concen: 2.481 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

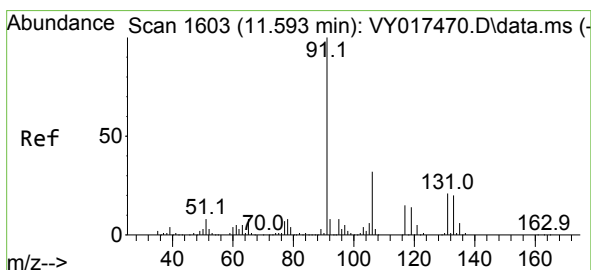
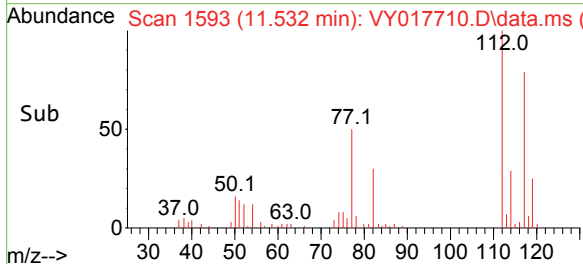
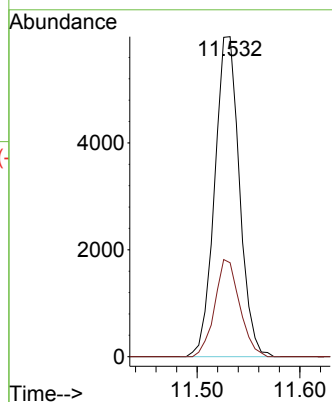
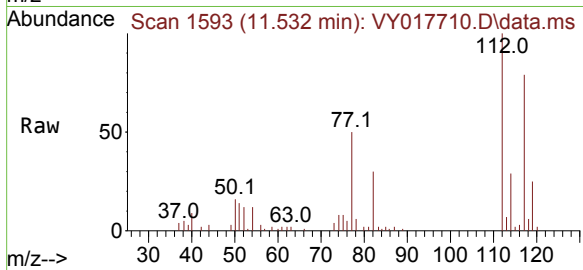
MDL03

Tgt Ion:112 Resp: 10013

Ion Ratio Lower Upper

112 100

114 29.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 2.377 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

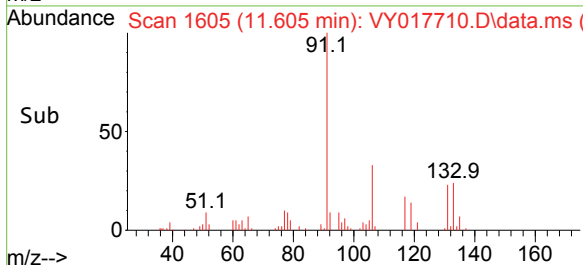
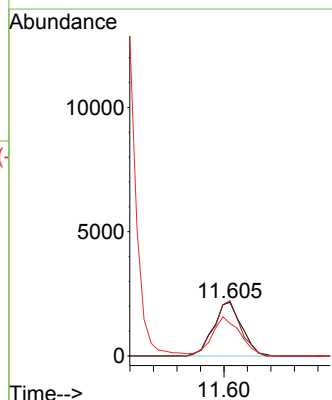
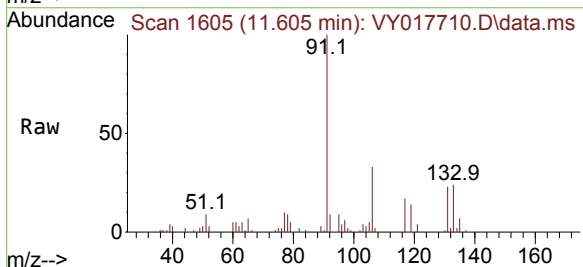
Tgt Ion:131 Resp: 3593

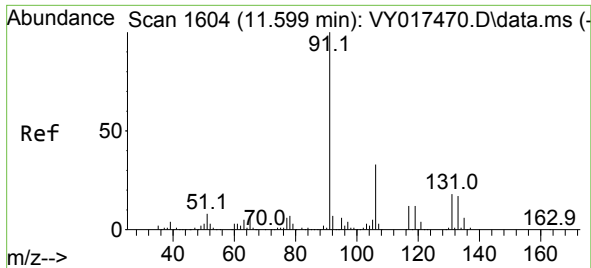
Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 72.7 34.1 102.2

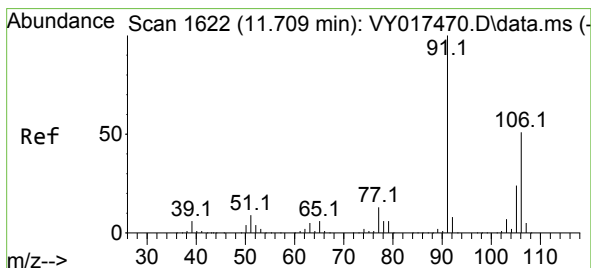
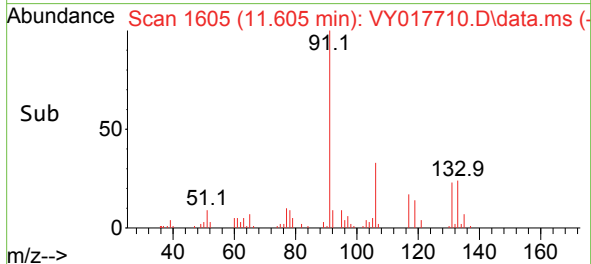
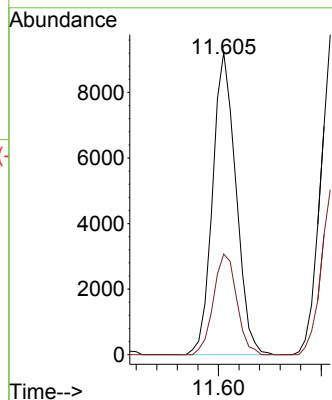
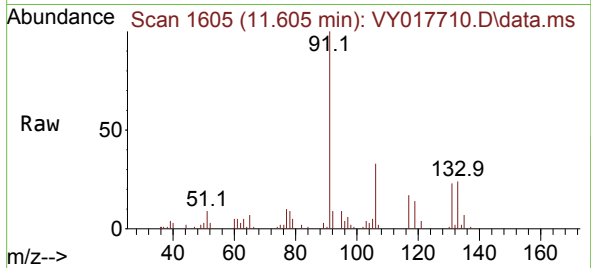




#67
Ethyl Benzene
Concen: 2.052 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

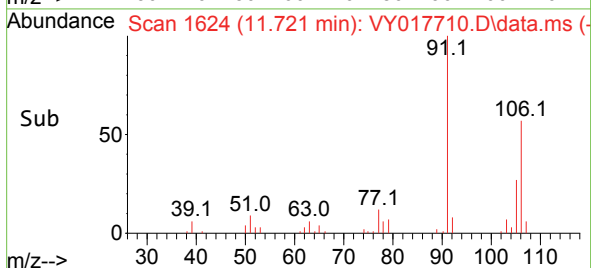
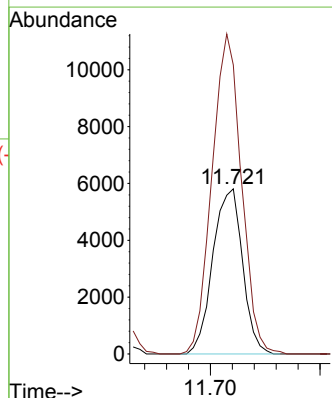
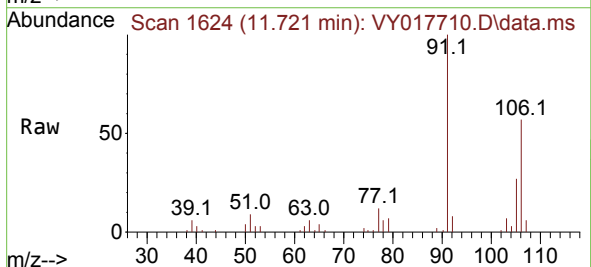
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

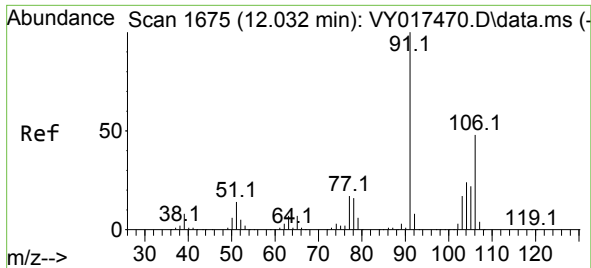
Tgt Ion: 91 Resp: 14520
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7



#68
m/p-Xylenes
Concen: 3.925 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion:106 Resp: 10916
Ion Ratio Lower Upper
106 100
91 192.2 156.0 234.0

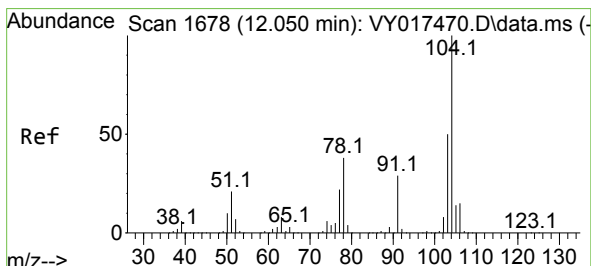
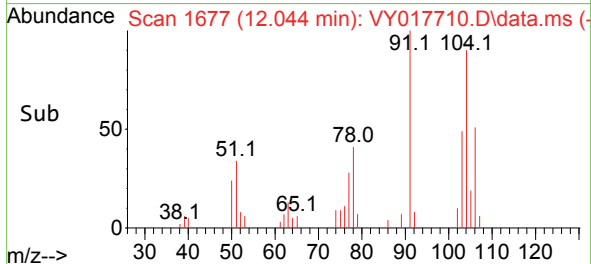
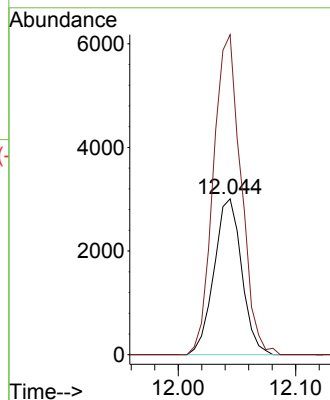
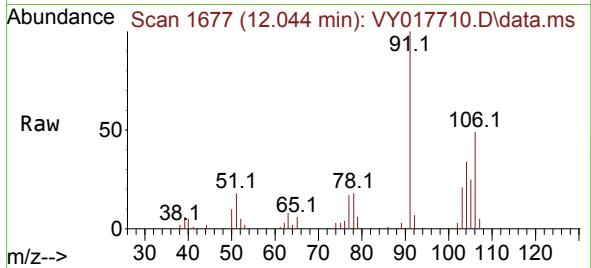




#69
o-Xylene
Concen: 1.910 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

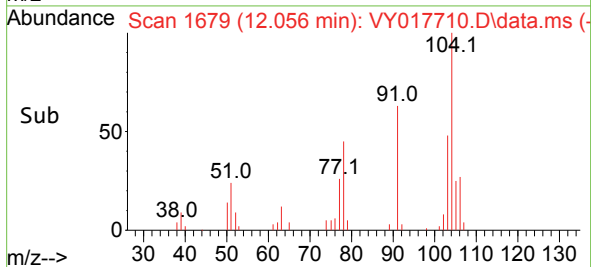
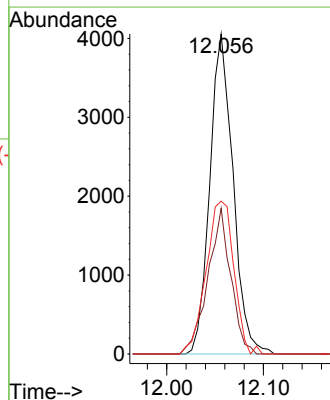
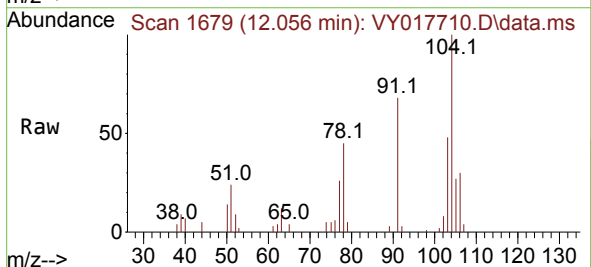
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

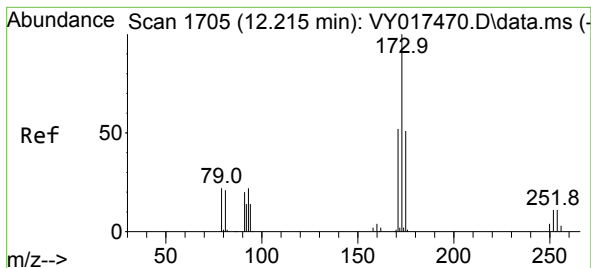
Tgt Ion:106 Resp: 4927
Ion Ratio Lower Upper
106 100
91 205.2 103.6 310.8



#70
Styrene
Concen: 1.582 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion:104 Resp: 6775
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 57.1 44.2 66.2





#71

Bromoform

Concen: 2.169 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

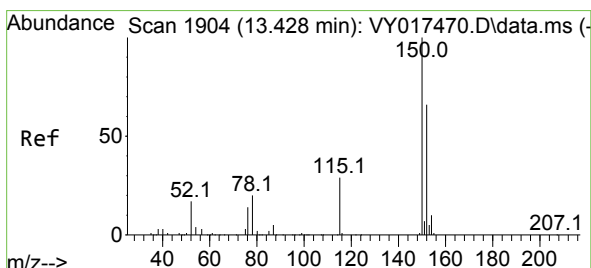
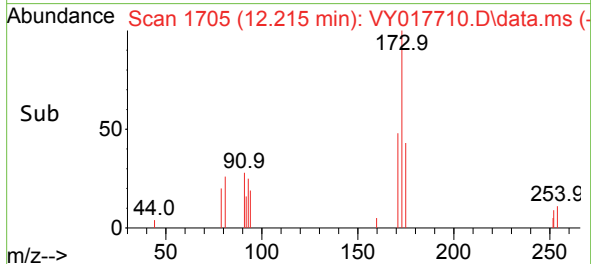
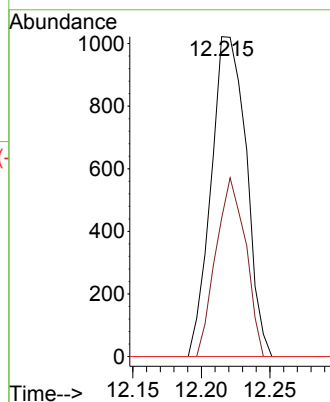
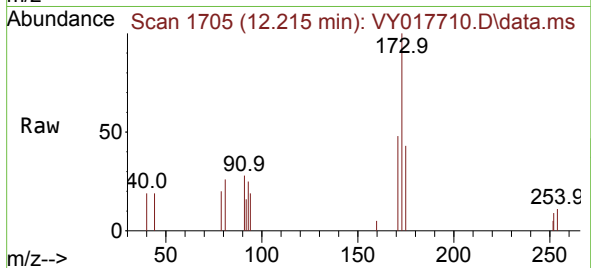
Tgt Ion:173 Resp: 1817

Ion Ratio Lower Upper

173 100

175 47.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

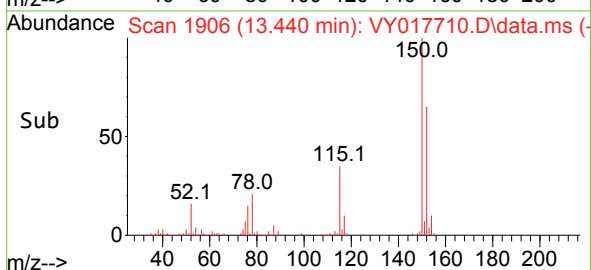
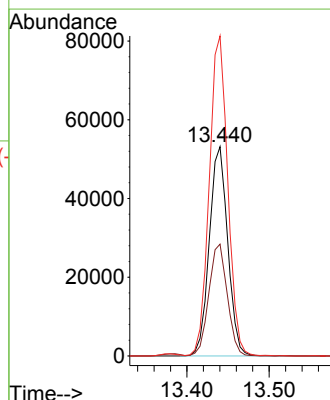
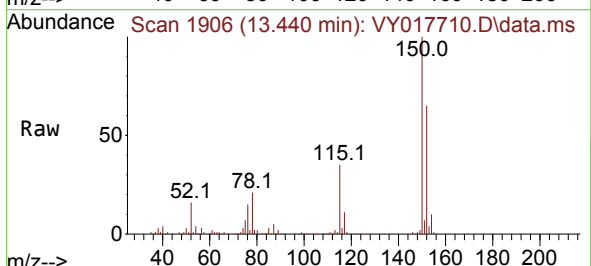
Tgt Ion:152 Resp: 82671

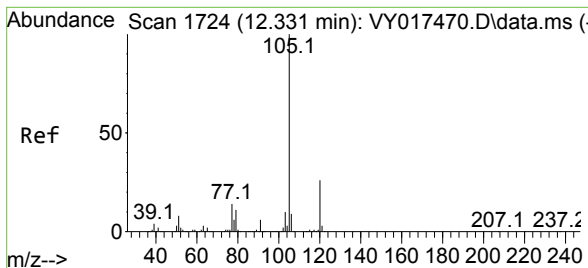
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 153.6 0.0 345.6





#73

Isopropylbenzene

Concen: 2.127 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

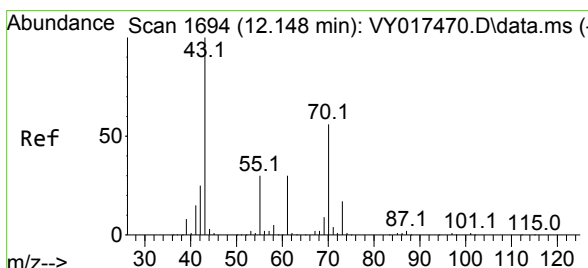
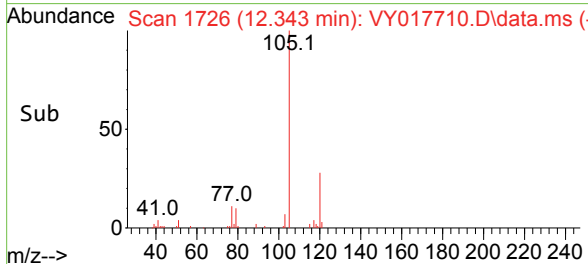
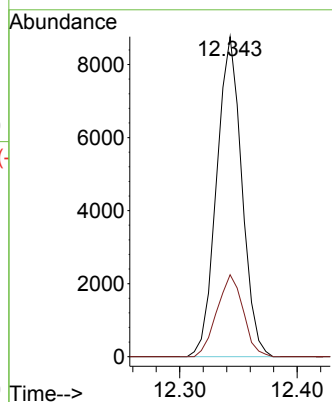
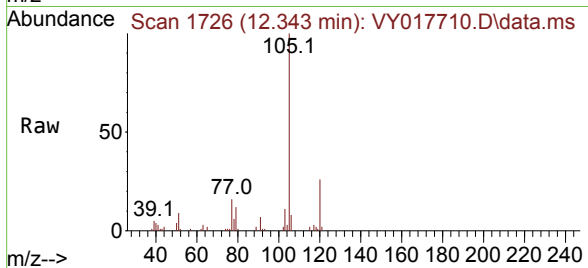
MDL03

Tgt Ion:105 Resp: 13063

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 1.676 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Tgt Ion: 43 Resp: 1816

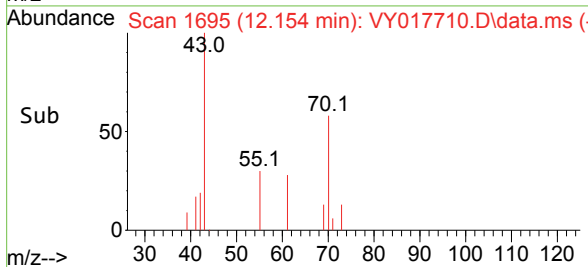
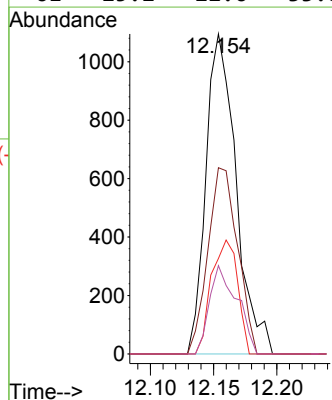
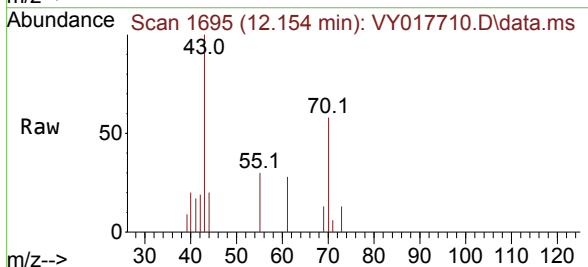
Ion Ratio Lower Upper

43 100

70 57.3 41.4 62.2

55 30.9 23.3 34.9

61 25.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.648 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

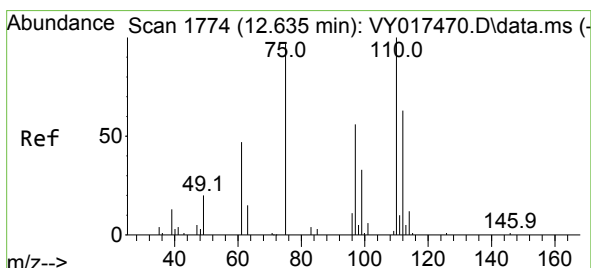
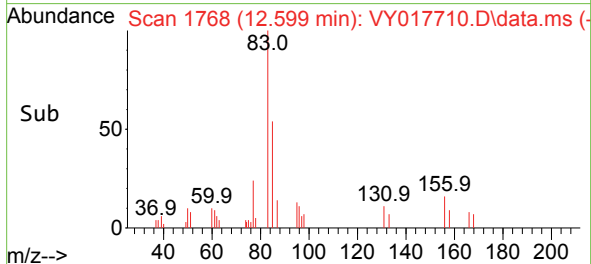
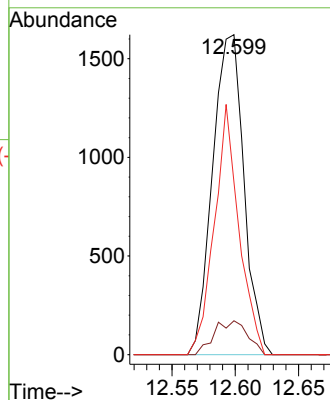
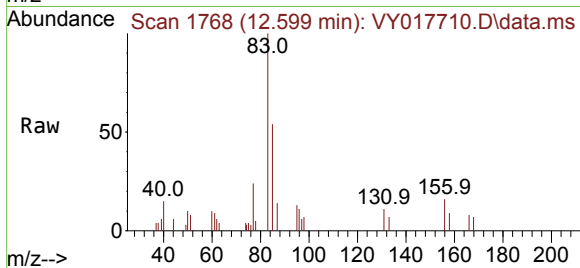
Tgt Ion: 83 Resp: 2793

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 61.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.386 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017710.D

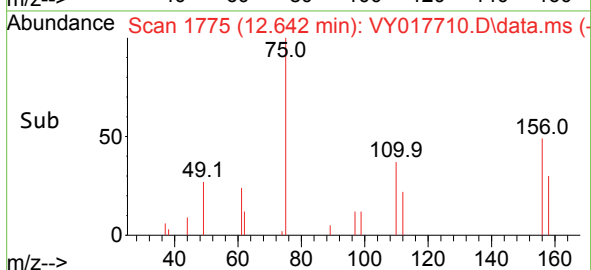
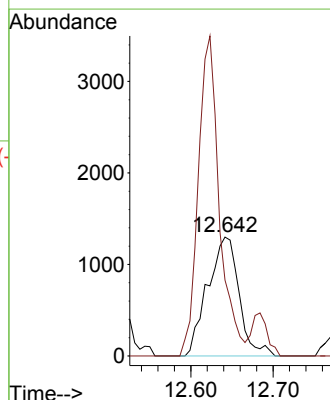
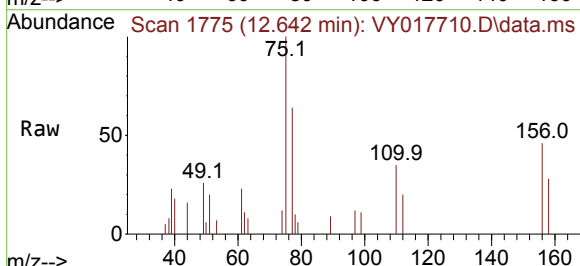
Acq: 19 Mar 2024 14:14

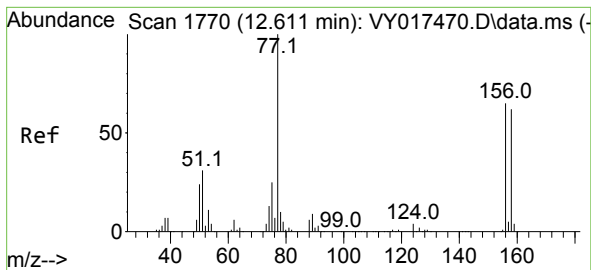
Tgt Ion: 75 Resp: 3445

Ion Ratio Lower Upper

75 100

77 181.0 0.0 0.0#





#77

Bromobenzene

Concen: 2.613 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

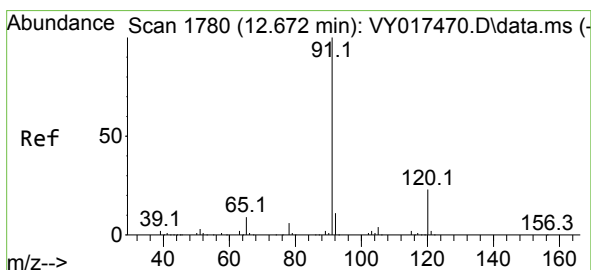
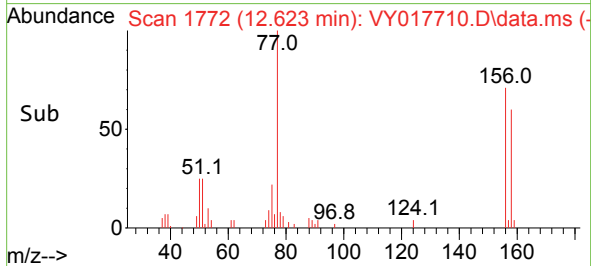
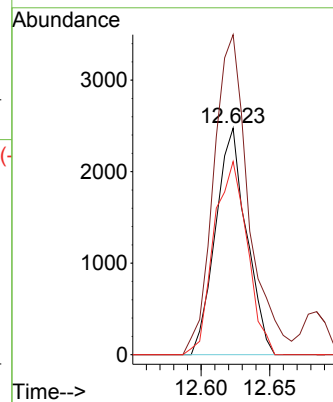
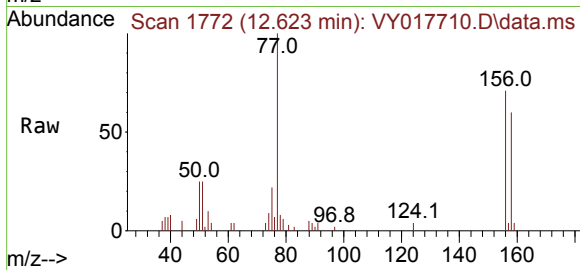
Tgt Ion:156 Resp: 3886

Ion Ratio Lower Upper

156 100

77 160.4 87.1 261.3

158 91.9 48.6 145.9



#78

n-propylbenzene

Concen: 2.241 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017710.D

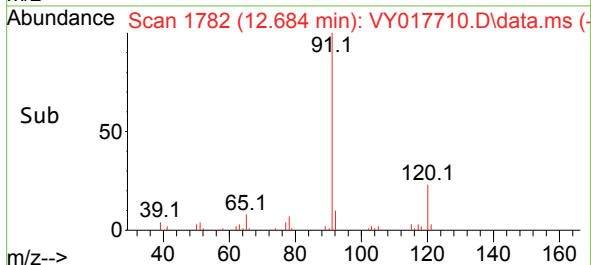
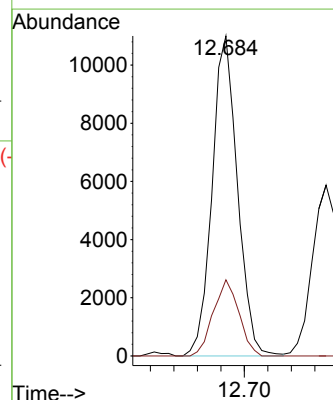
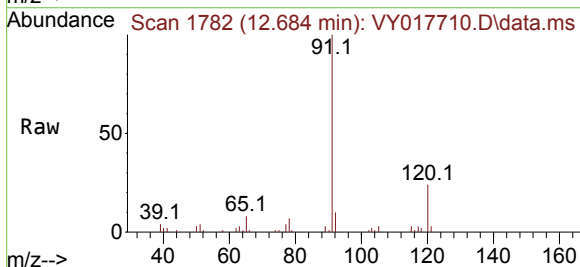
Acq: 19 Mar 2024 14:14

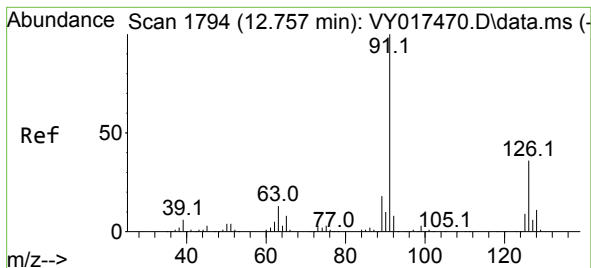
Tgt Ion: 91 Resp: 16517

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.329 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

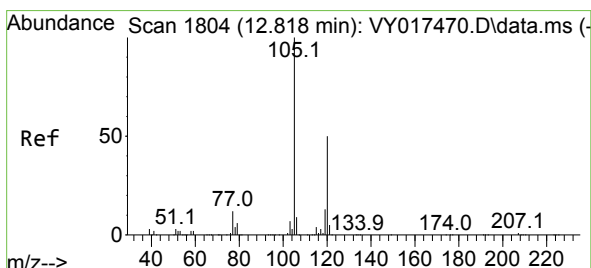
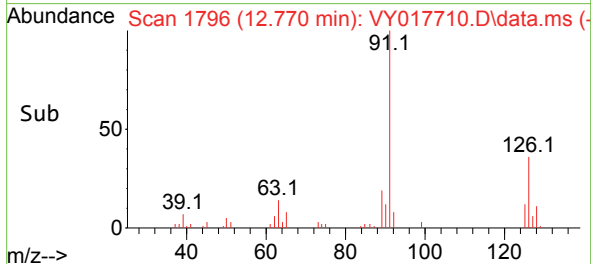
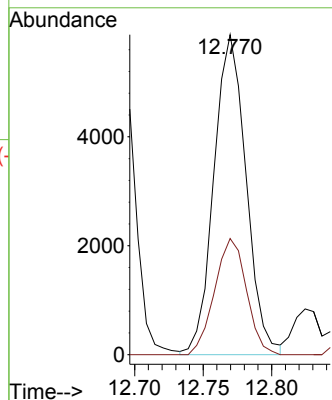
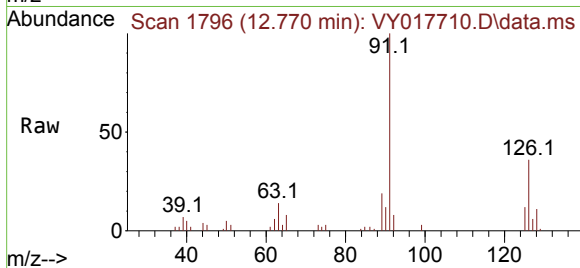
MDL03

Tgt Ion: 91 Resp: 9610

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 2.077 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017710.D

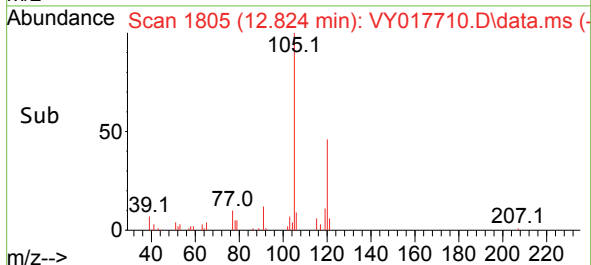
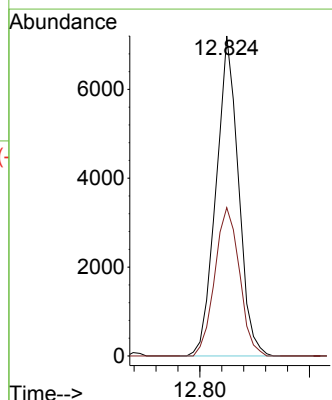
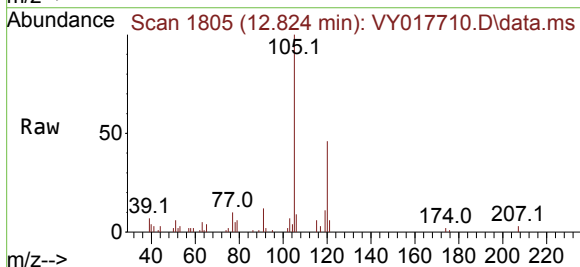
Acq: 19 Mar 2024 14:14

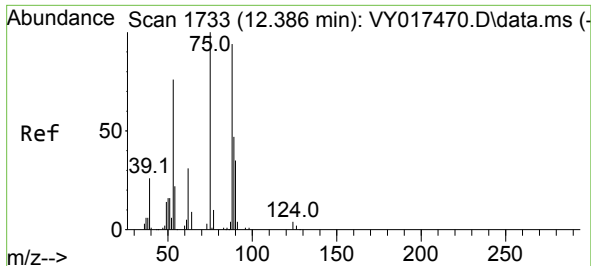
Tgt Ion: 105 Resp: 10221

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

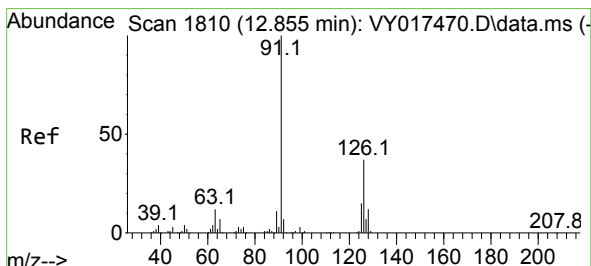
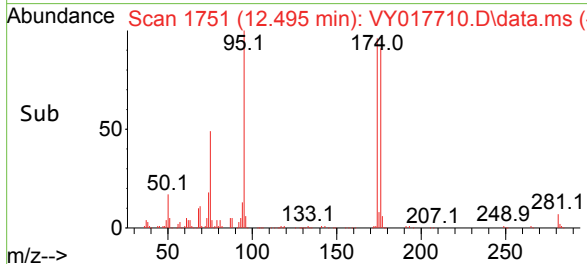
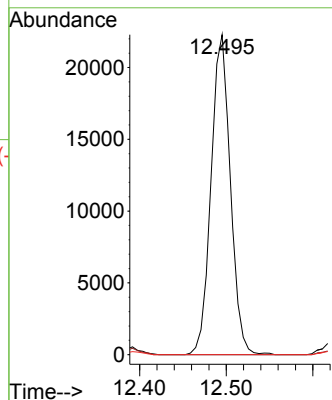
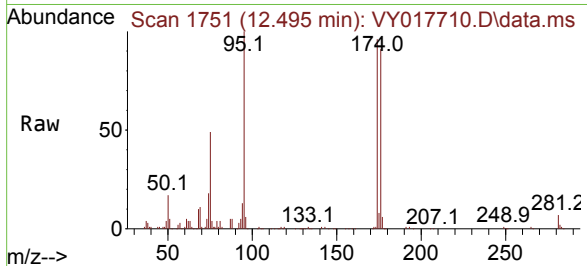




#81
trans-1,4-Dichloro-2-butene
Concen: 100.950 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

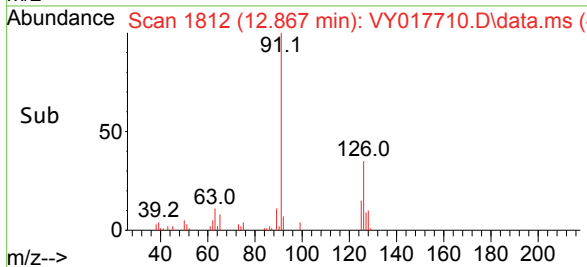
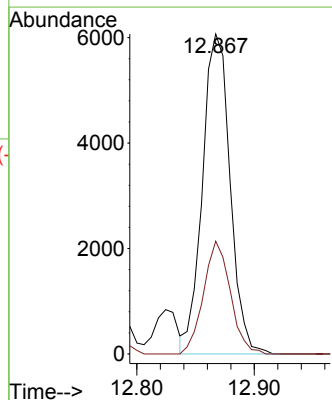
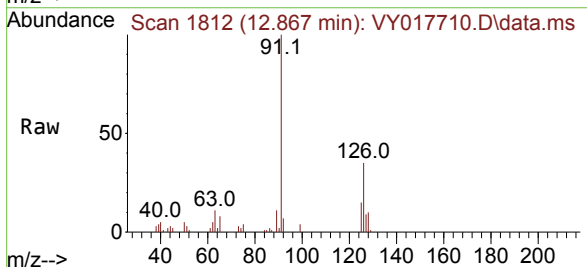
Instrument :
MSVOA_Y
ClientSampleId :
MDL03

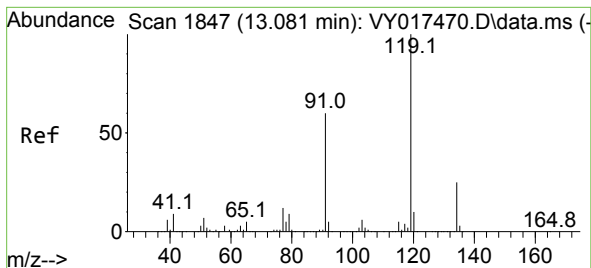
Tgt Ion: 75 Resp: 34510
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.350 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017710.D
Acq: 19 Mar 2024 14:14

Tgt Ion: 91 Resp: 9918
Ion Ratio Lower Upper
91 100
126 34.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.129 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

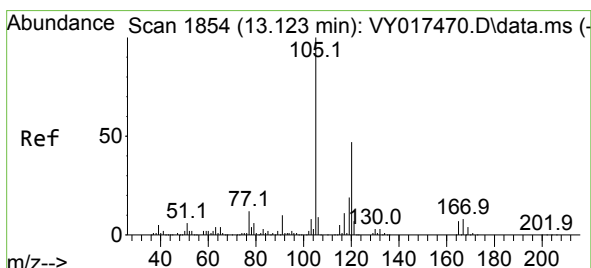
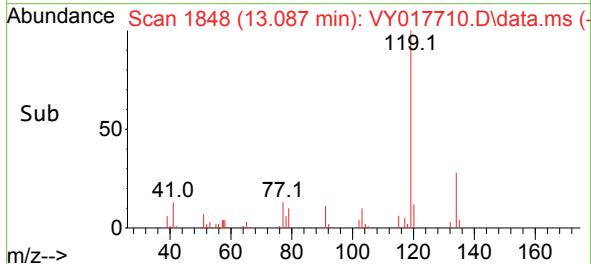
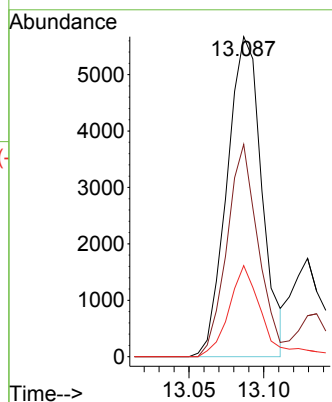
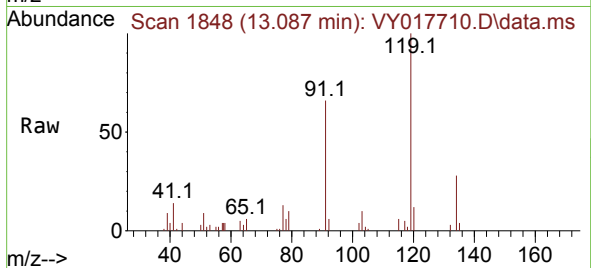
Tgt Ion:119 Resp: 9199

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 1.986 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017710.D

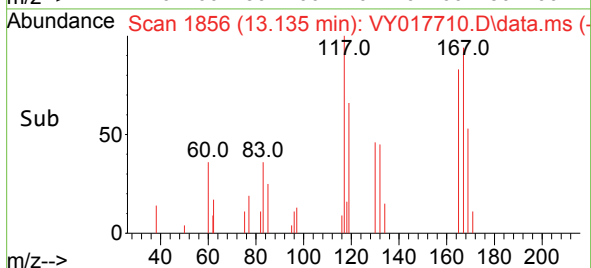
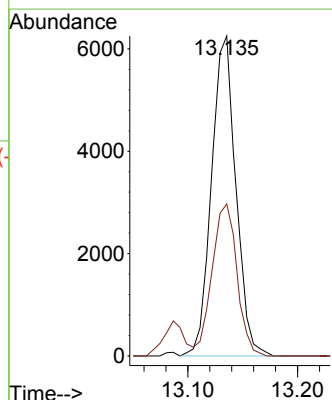
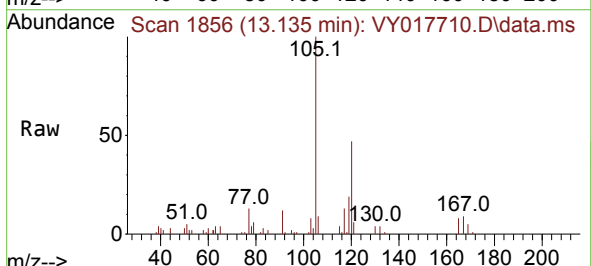
Acq: 19 Mar 2024 14:14

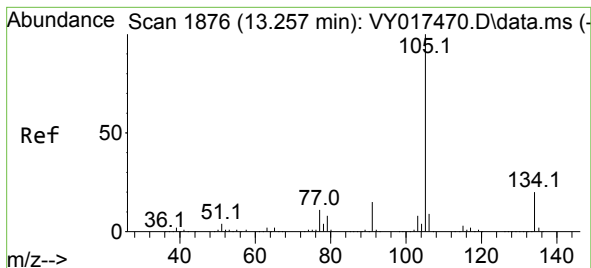
Tgt Ion:105 Resp: 9647

Ion Ratio Lower Upper

105 100

120 48.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.053 ug/l

RT: 13.263 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

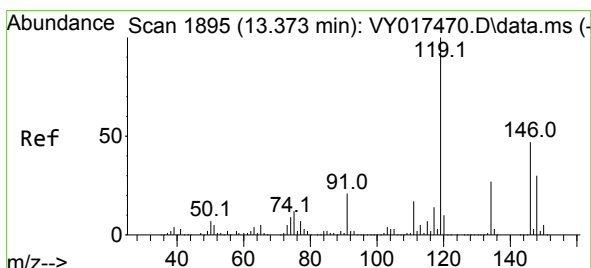
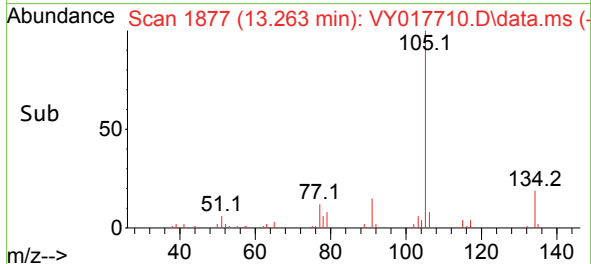
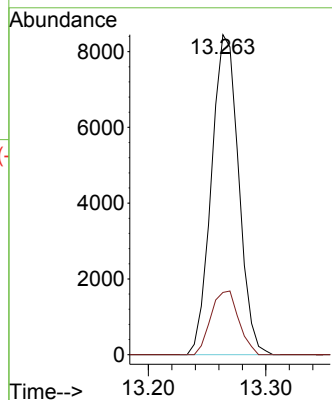
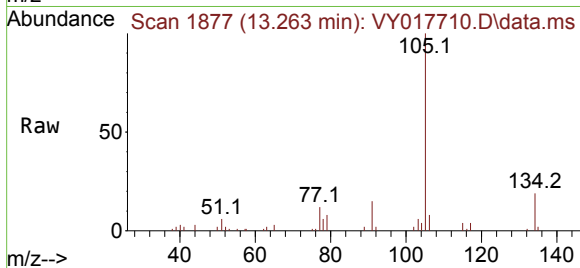
MDL03

Tgt Ion:105 Resp: 13565

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.931 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

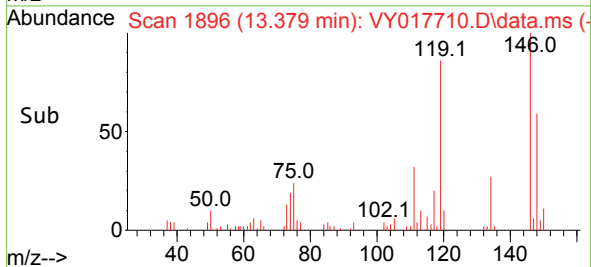
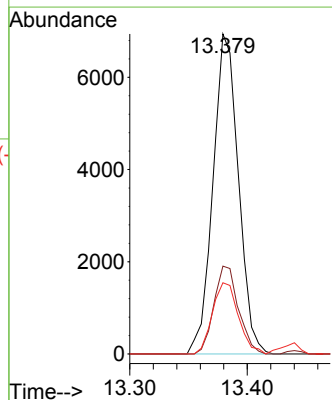
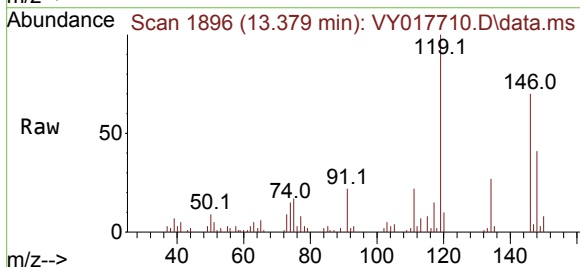
Tgt Ion:119 Resp: 10441

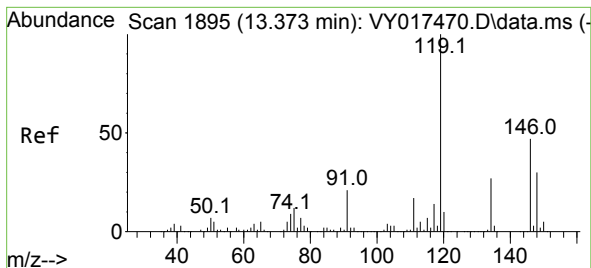
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.405 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

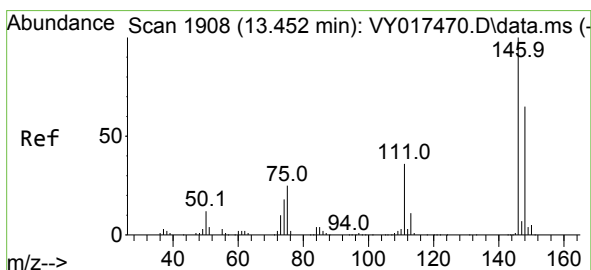
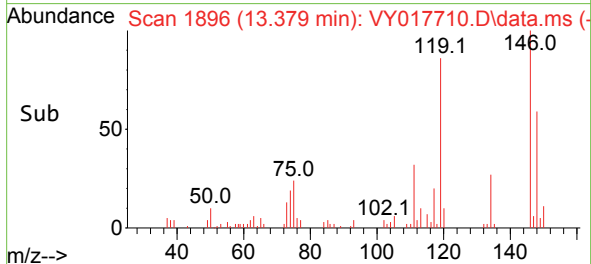
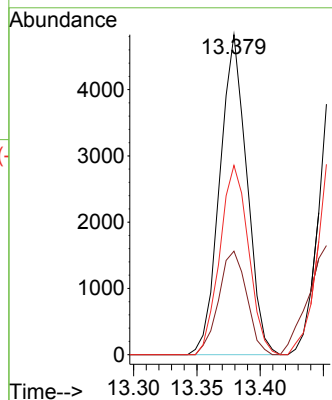
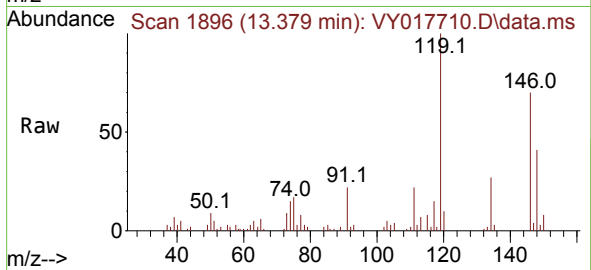
Tgt Ion:146 Resp: 7180

Ion Ratio Lower Upper

146 100

111 33.5 19.0 57.0

148 62.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.514 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

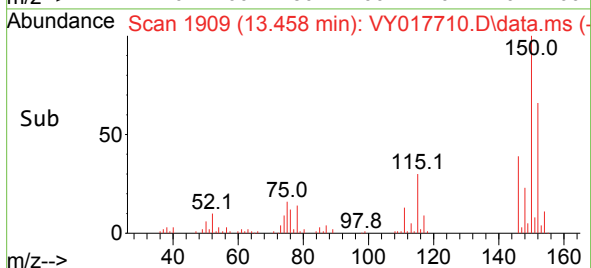
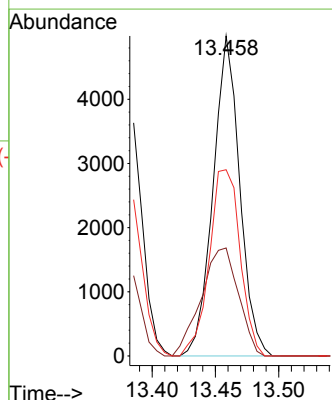
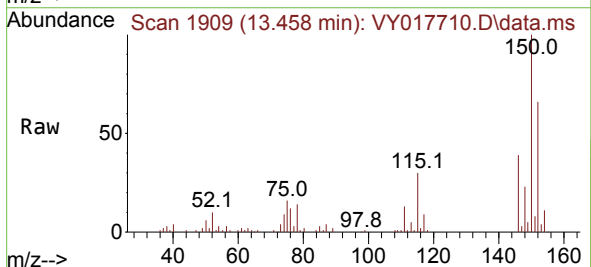
Tgt Ion:146 Resp: 7297

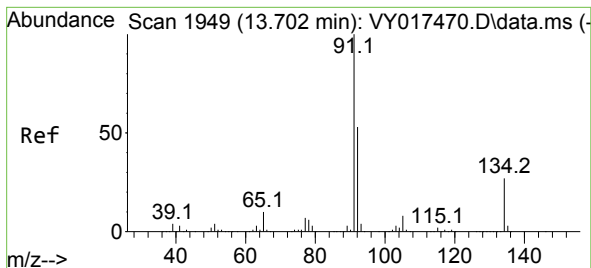
Ion Ratio Lower Upper

146 100

111 47.3 18.4 55.4

148 67.5 32.4 97.2





#89

n-Butylbenzene

Concen: 2.055 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

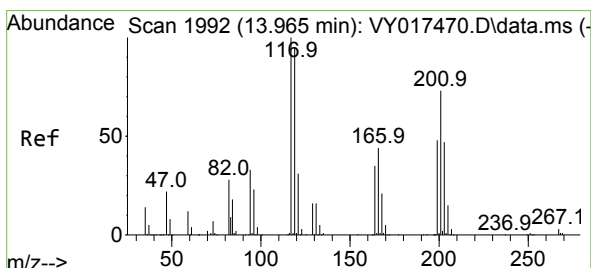
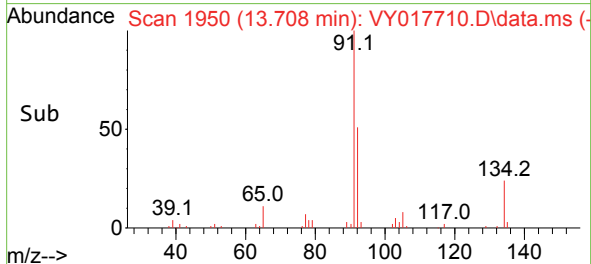
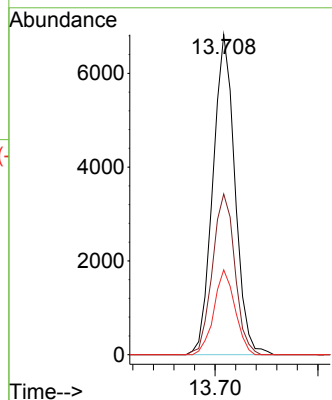
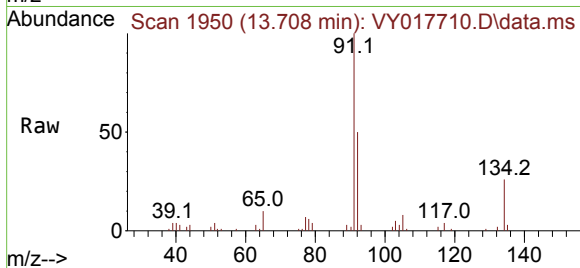
Tgt Ion: 91 Resp: 10137

Ion Ratio Lower Upper

91 100

92 51.2 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 2.602 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017710.D

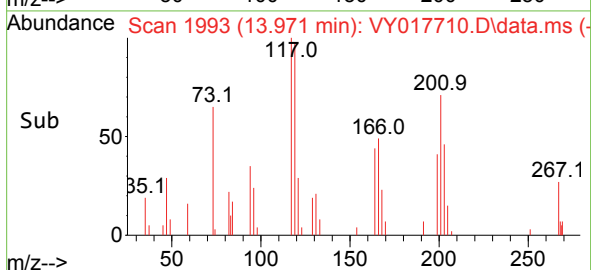
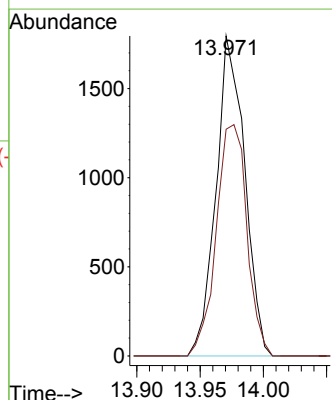
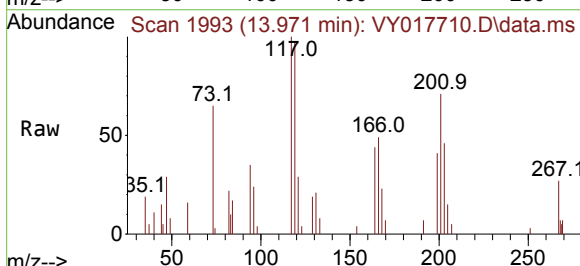
Acq: 19 Mar 2024 14:14

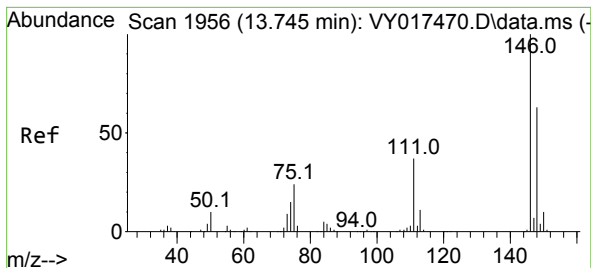
Tgt Ion: 117 Resp: 2821

Ion Ratio Lower Upper

117 100

201 77.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.336 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

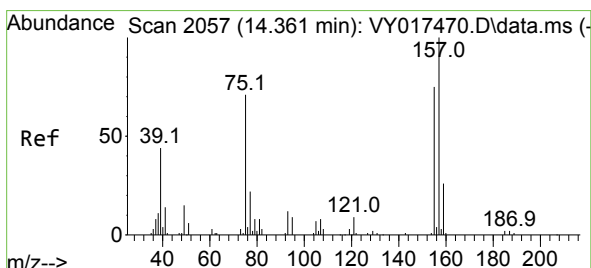
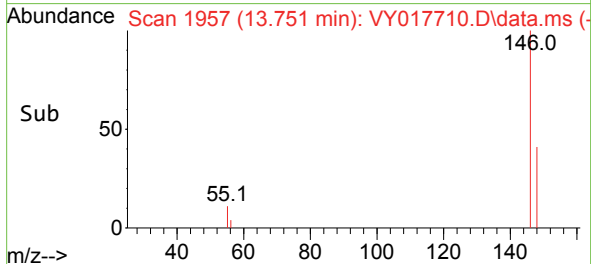
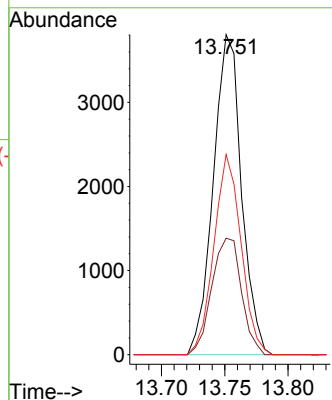
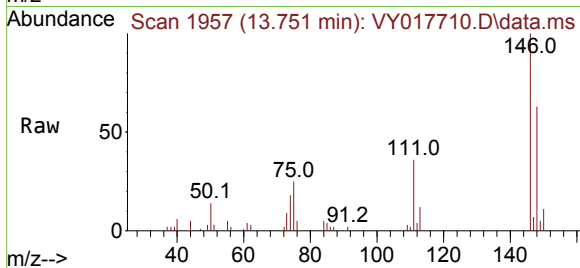
Tgt Ion:146 Resp: 5899

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.7

148 60.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.124 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

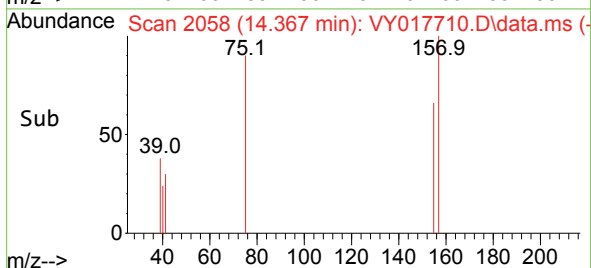
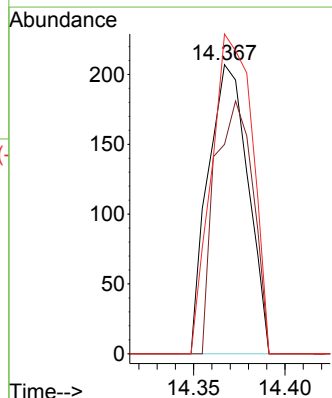
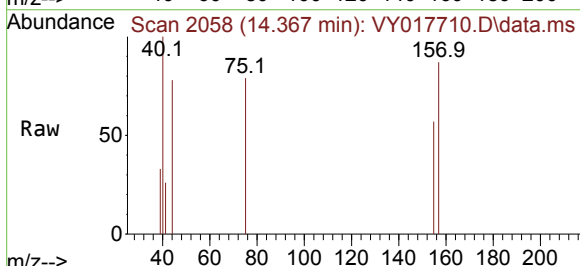
Tgt Ion: 75 Resp: 315

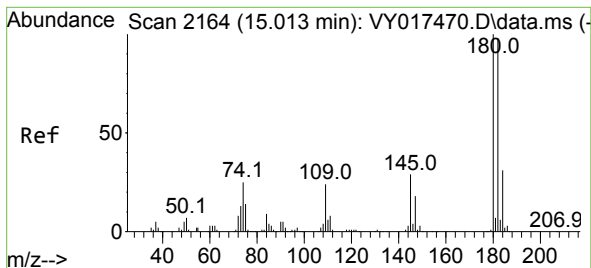
Ion Ratio Lower Upper

75 100

155 83.2 48.6 145.8

157 113.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 1.939 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

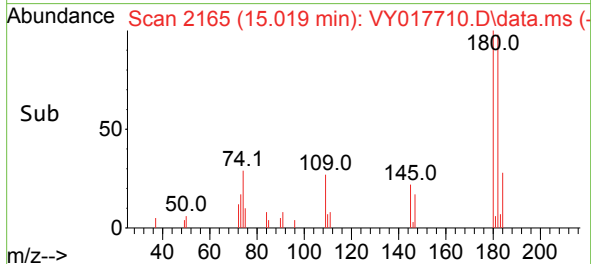
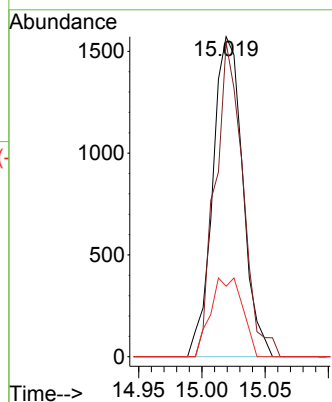
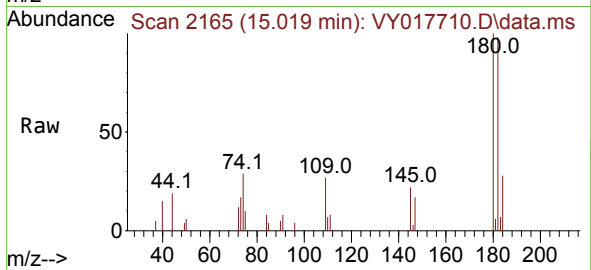
Tgt Ion:180 Resp: 2587

Ion Ratio Lower Upper

180 100

182 90.4 47.9 143.8

145 26.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.407 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

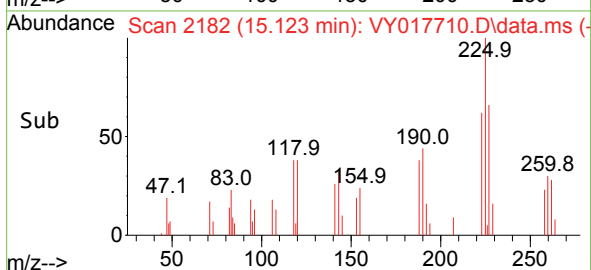
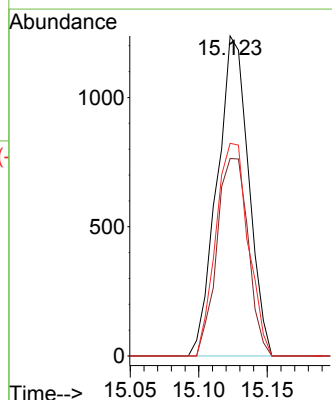
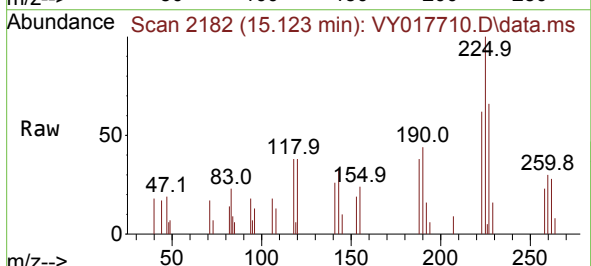
Tgt Ion:225 Resp: 1982

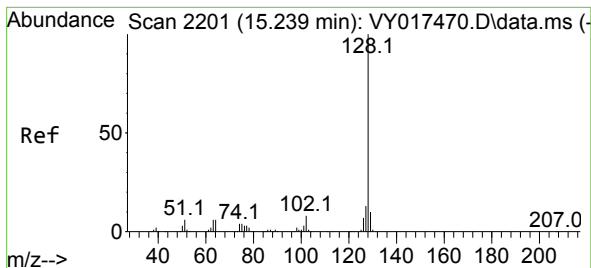
Ion Ratio Lower Upper

225 100

223 61.2 30.4 91.2

227 68.2 31.9 95.9





#95

Naphthalene

Concen: 1.486 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

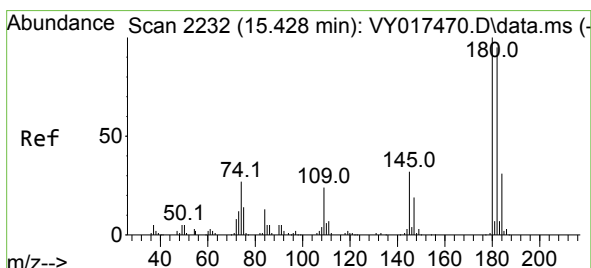
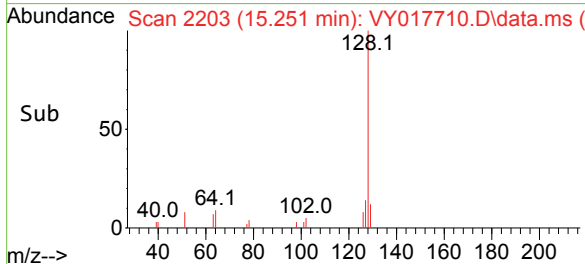
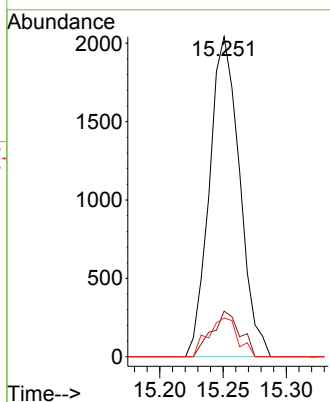
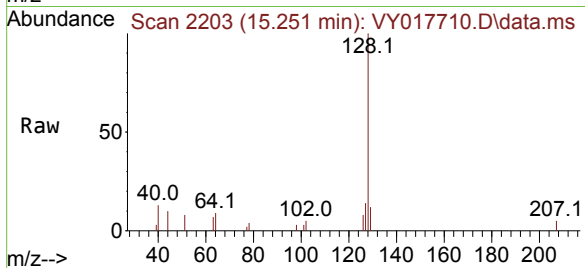
Tgt Ion:128 Resp: 3389

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.887 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017710.D

Acq: 19 Mar 2024 14:14

Tgt Ion:180 Resp: 2159

Ion Ratio Lower Upper

180 100

182 92.1 47.6 142.9

145 27.6 15.4 46.1

