

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017708.D
 Acq On : 19 Mar 2024 13:29
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Quant Time: Mar 20 04:14:05 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	134066	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	218556	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	187879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80110	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56723	44.643	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.280%
35) Dibromofluoromethane	7.734	113	67881	44.572	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.140%
50) Toluene-d8	10.197	98	252248	47.372	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.495	95	70237	41.971	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.918	85	1978	2.000	ug/l	96
3) Chloromethane	2.125	50	3286	1.819	ug/l	97
4) Vinyl Chloride	2.259	62	4712	2.033	ug/l	93
5) Bromomethane	2.674	94	4551	2.409	ug/l	91
6) Chloroethane	2.808	64	3183	2.177	ug/l	92
7) Trichlorofluoromethane	3.143	101	4996	2.115	ug/l	93
8) Diethyl Ether	3.534	74	1453	2.097	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.918	101	3091	2.275	ug/l	97
10) Methyl Iodide	4.113	142	3052	2.001	ug/l #	94
11) Tert butyl alcohol	4.960	59	1849	17.132	ug/l #	88
12) 1,1-Dichloroethene	3.899	96	2739	2.163	ug/l	94
13) Acrolein	3.753	56	1092	7.668	ug/l	93
14) Allyl chloride	4.497	41	3137	2.050	ug/l	95
15) Acrylonitrile	5.186	53	2977	10.451	ug/l	93
16) Acetone	3.966	43	4043	16.405	ug/l	95
17) Carbon Disulfide	4.216	76	5491	1.444	ug/l #	94
18) Methyl Acetate	4.497	43	2072	3.466	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	6649	2.252	ug/l	97
20) Methylene Chloride	4.734	84	10490	5.945	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	3248	2.190	ug/l	96
22) Diisopropyl ether	6.137	45	7376	2.089	ug/l #	85
23) Vinyl Acetate	6.088	43	16823	7.995	ug/l	100
24) 1,1-Dichloroethane	6.045	63	5969	2.474	ug/l	95
25) 2-Butanone	7.015	43	4138	11.782	ug/l #	86
26) 2,2-Dichloropropane	7.008	77	5496	2.710	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	3950	2.372	ug/l	95
28) Bromochloromethane	7.356	49	1856	1.953	ug/l #	86
29) Tetrahydrofuran	7.362	42	1885	8.904	ug/l	97
30) Chloroform	7.527	83	6915	2.692	ug/l	97
31) Cyclohexane	7.801	56	5804	2.807	ug/l #	53
32) 1,1,1-Trichloroethane	7.722	97	5600	2.511	ug/l	98
36) 1,1-Dichloropropene	7.935	75	4430	2.156	ug/l	98
37) Ethyl Acetate	7.094	43	1175	1.448	ug/l #	85
38) Carbon Tetrachloride	7.917	117	4627	2.247	ug/l	93
39) Methylcyclohexane	9.203	83	4302	1.742	ug/l	95
40) Benzene	8.179	78	14640	2.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	830	2.038	ug/l #	77
42) 1,2-Dichloroethane	8.258	62	3816	2.563	ug/l	95
43) Isopropyl Acetate	8.289	43	2909	2.040	ug/l	93
44) Trichloroethene	8.959	130	4329	2.461	ug/l	84
45) 1,2-Dichloropropane	9.228	63	3529	2.431	ug/l	98
46) Dibromomethane	9.319	93	2053	2.471	ug/l	95
47) Bromodichloromethane	9.508	83	5144	2.550	ug/l	99
48) Methyl methacrylate	9.313	41	1483	2.247	ug/l	96
49) 1,4-Dioxane	9.307	88	282	29.990	ug/l #	78
51) 4-Methyl-2-Pentanone	10.081	43	7339	9.233	ug/l	94
52) Toluene	10.264	92	9121	2.371	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	4145	2.214	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	4954	2.177	ug/l #	92
55) 1,1,2-Trichloroethane	10.660	97	2851	2.417	ug/l	93
56) Ethyl methacrylate	10.526	69	1724	1.303	ug/l	97
57) 1,3-Dichloropropane	10.800	76	4418	2.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	5973	8.774	ug/l	95
59) 2-Hexanone	10.849	43	5073	9.292	ug/l	98
60) Dibromochloromethane	11.002	129	3448	2.471	ug/l	97
61) 1,2-Dibromoethane	11.105	107	2431	2.236	ug/l	99
64) Tetrachloroethene	10.733	164	4425	2.454	ug/l #	90
65) Chlorobenzene	11.532	112	10390	2.605	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	3601	2.410	ug/l	94
67) Ethyl Benzene	11.605	91	15373	2.198	ug/l	95
68) m/p-Xylenes	11.715	106	11341	4.127	ug/l	99
69) o-Xylene	12.038	106	5374	2.108	ug/l	95
70) Styrene	12.056	104	7205	1.703	ug/l	97
71) Bromoform	12.221	173	1989	2.402	ug/l #	90
73) Isopropylbenzene	12.343	105	13612	2.287	ug/l	100
74) N-amyl acetate	12.154	43	2047	1.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	2820	2.759	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	3299	4.334	ug/l #	100
77) Bromobenzene	12.623	156	4039	2.802	ug/l	95
78) n-propylbenzene	12.684	91	17064	2.389	ug/l	100
79) 2-Chlorotoluene	12.770	91	10230	2.559	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	11047	2.317	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.495	75	33928	102.420	ug/l #	16
82) 4-Chlorotoluene	12.873	91	9904	2.422	ug/l	95
83) tert-Butylbenzene	13.087	119	9436	2.254	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	10165	2.159	ug/l	100
85) sec-Butylbenzene	13.270	105	13876	2.168	ug/l	100
86) p-Isopropyltoluene	13.385	119	11049	2.108	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	7316	2.529	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	8032	2.856	ug/l	94
89) n-Butylbenzene	13.709	91	10681	2.234	ug/l	96
90) Hexachloroethane	13.971	117	2865	2.727	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	6202	2.534	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	352	2.450	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	2849	2.204	ug/l	96
94) Hexachlorobutadiene	15.123	225	2161	2.708	ug/l	96
95) Naphthalene	15.251	128	4036	1.826	ug/l	97
96) 1,2,3-Trichlorobenzene	15.440	180	2508	2.262	ug/l	98

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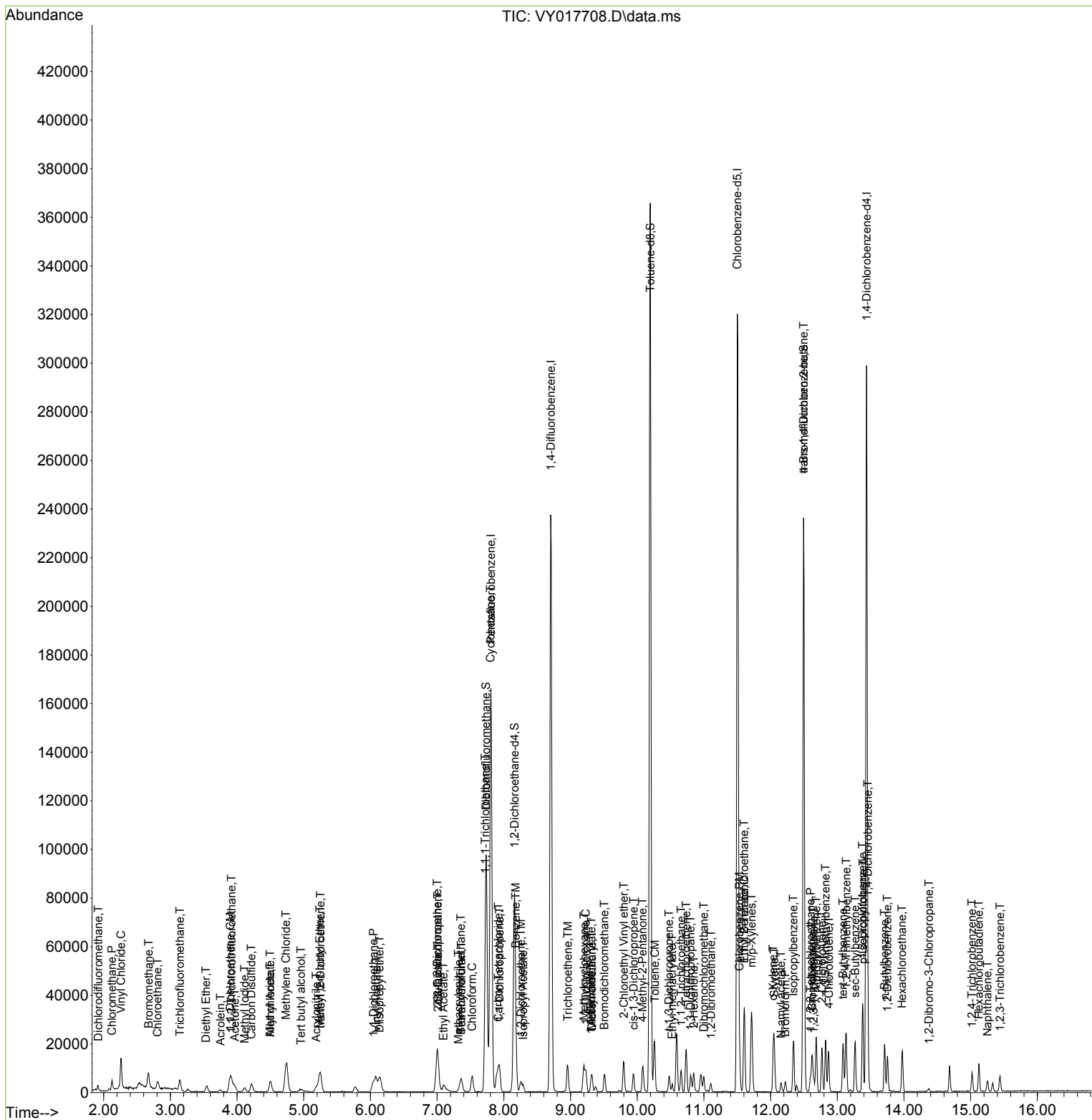
Instrument :
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ClientSampleId :
MDL01

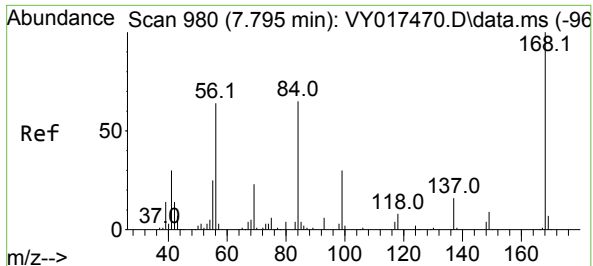
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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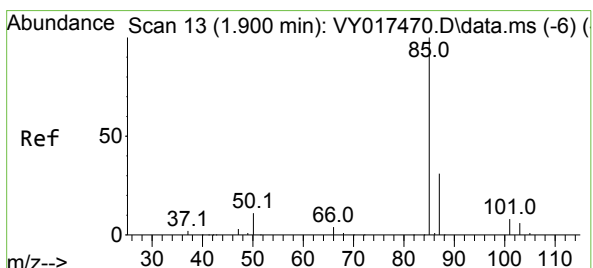
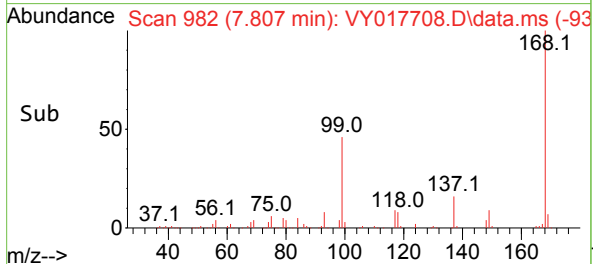
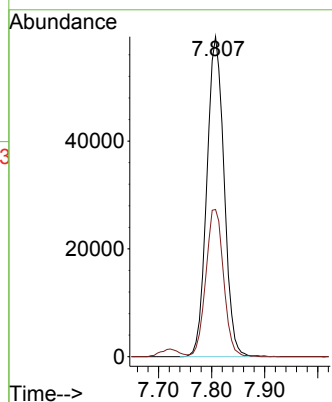
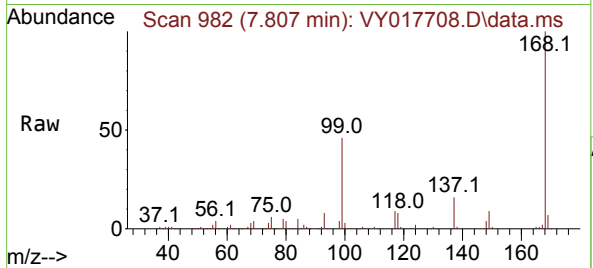




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017708.D
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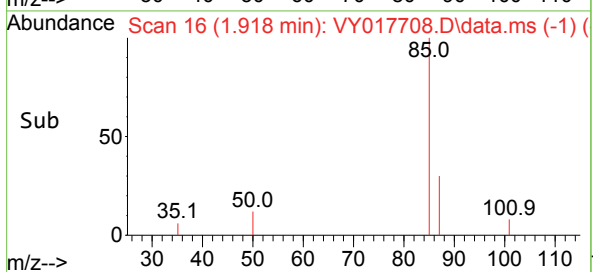
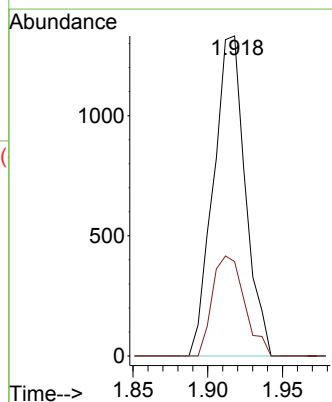
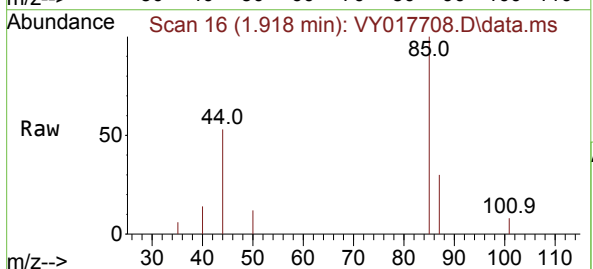
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

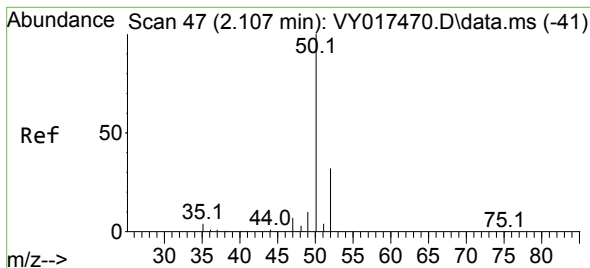
Tgt Ion:168 Resp: 134066
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.000 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 85 Resp: 1978
Ion Ratio Lower Upper
85 100
87 29.5 16.0 48.0





#3

Chloromethane

Concen: 1.819 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

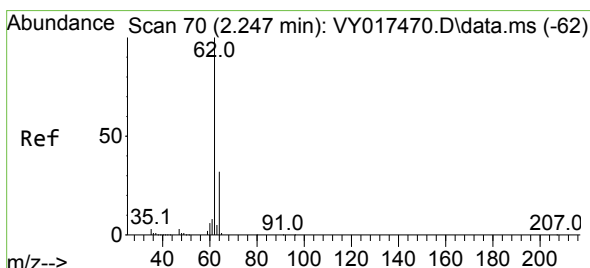
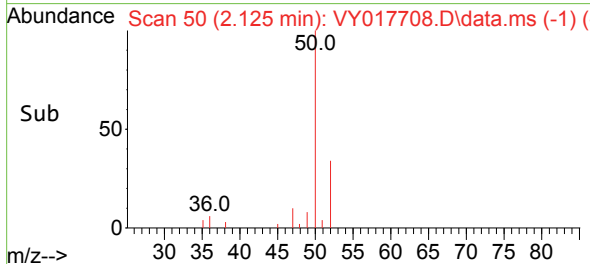
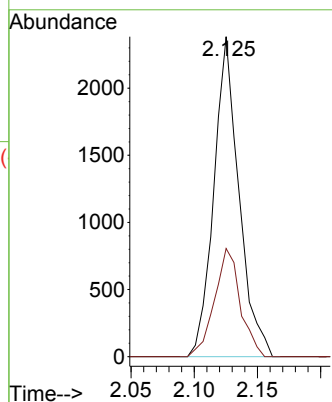
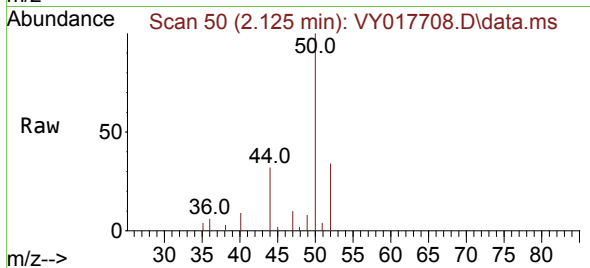
MDL01

Tgt Ion: 50 Resp: 3286

Ion Ratio Lower Upper

50 100

52 33.8 25.6 38.4



#4

Vinyl Chloride

Concen: 2.033 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017708.D

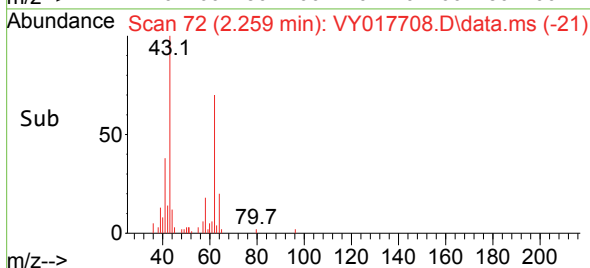
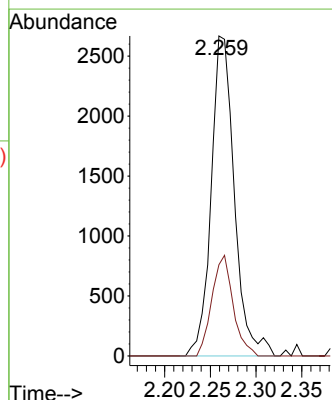
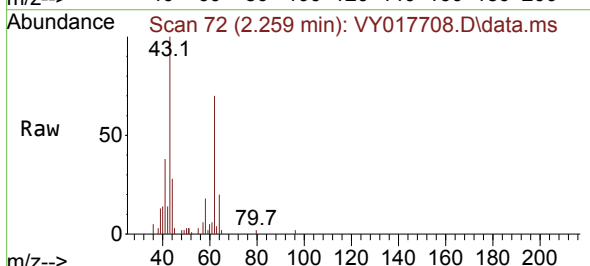
Acq: 19 Mar 2024 13:29

Tgt Ion: 62 Resp: 4712

Ion Ratio Lower Upper

62 100

64 28.5 26.1 39.1

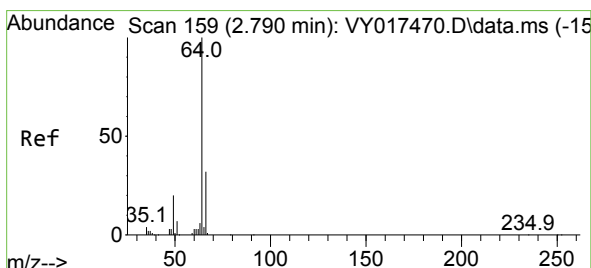
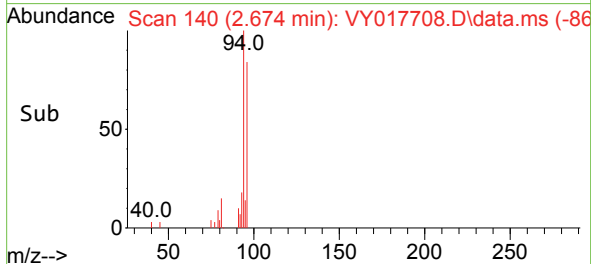
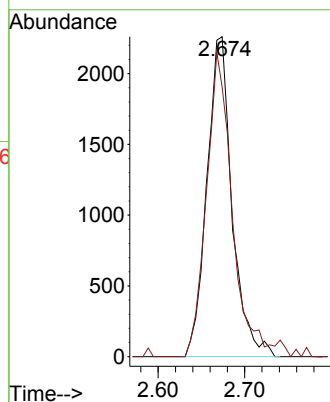
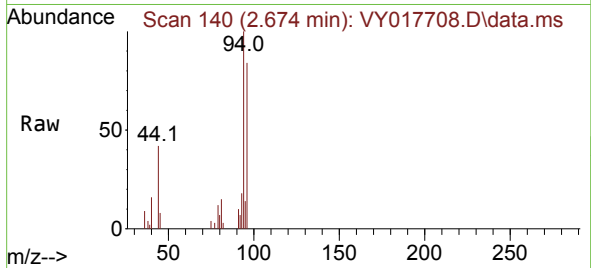




#5
Bromomethane
Concen: 2.409 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

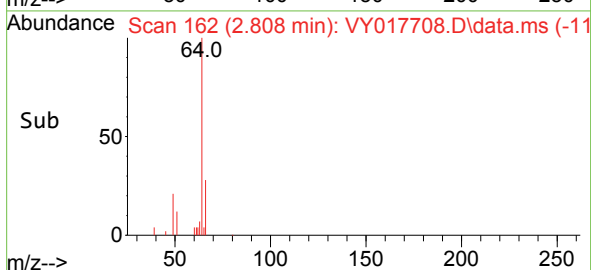
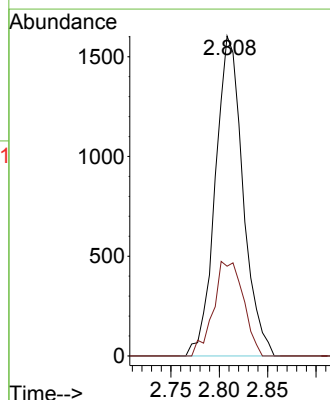
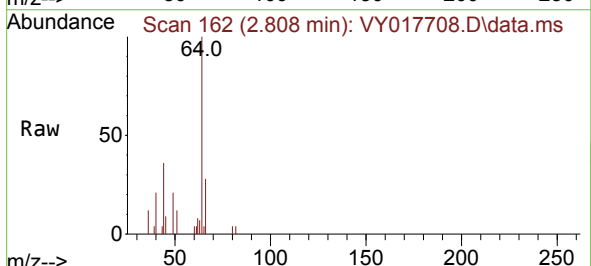
Instrument :
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Tgt Ion: 94 Resp: 4551
Ion Ratio Lower Upper
94 100
96 84.3 74.1 111.1



#6
Chloroethane
Concen: 2.177 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 64 Resp: 3183
Ion Ratio Lower Upper
64 100
66 28.1 26.1 39.1

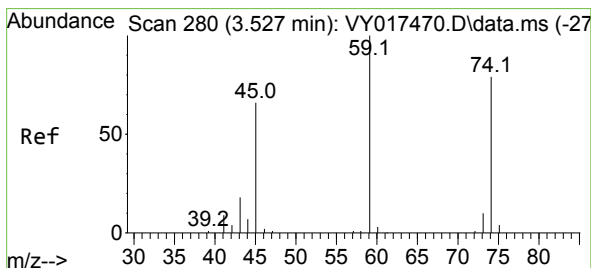
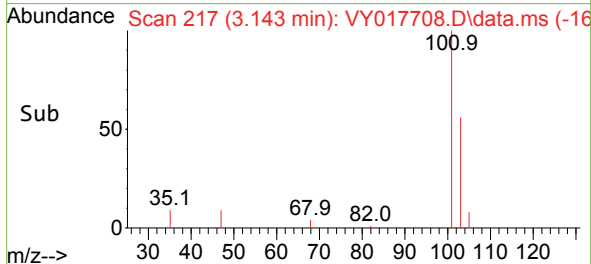
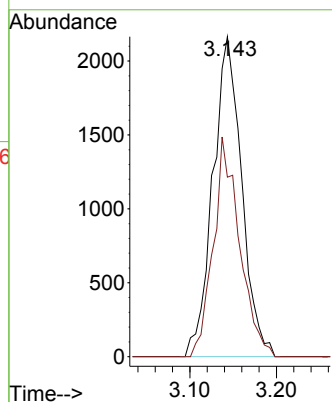
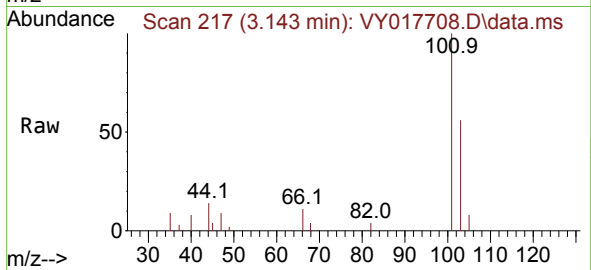




#7
Trichlorofluoromethane
Concen: 2.115 ug/l
RT: 3.143 min Scan# 213
Delta R.T. 0.024 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

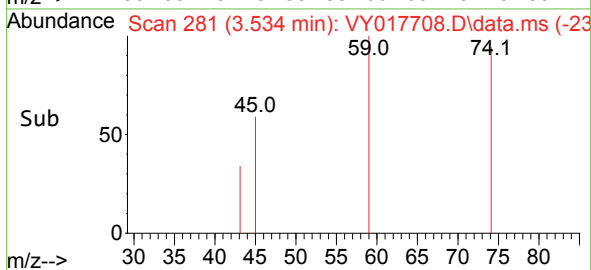
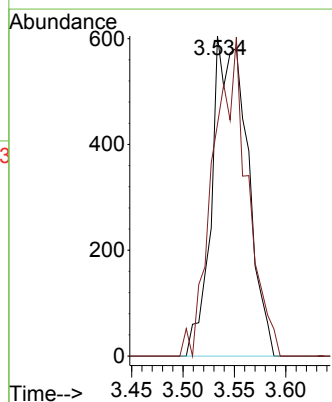
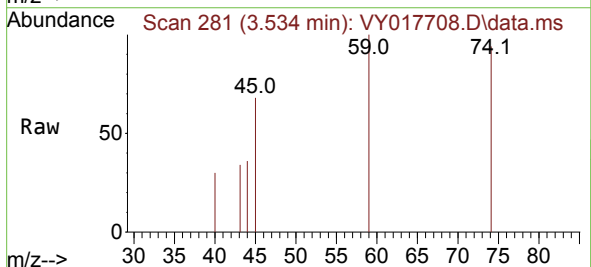
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MSVOA_Y
ClientSampleId :
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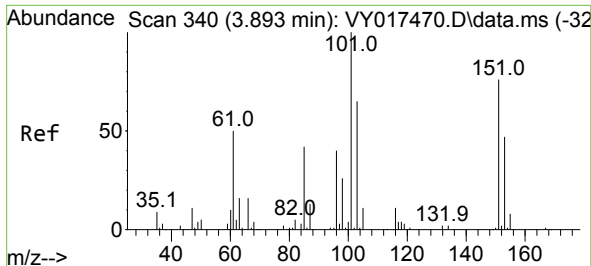
Tgt Ion:101 Resp: 4996
Ion Ratio Lower Upper
101 100
103 56.1 49.3 73.9



#8
Diethyl Ether
Concen: 2.097 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 74 Resp: 1453
Ion Ratio Lower Upper
74 100
45 96.5 41.3 124.1

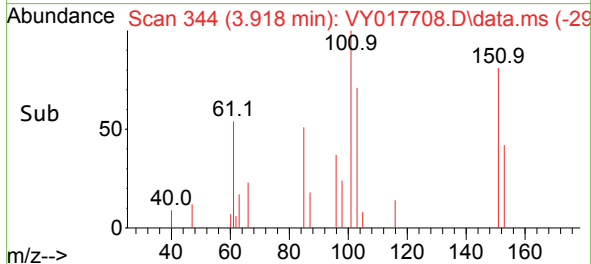
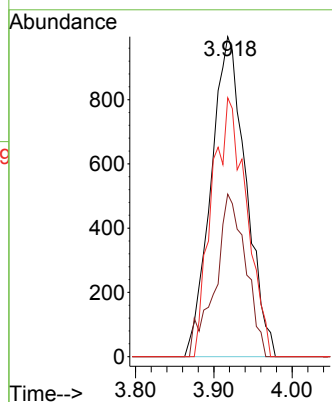
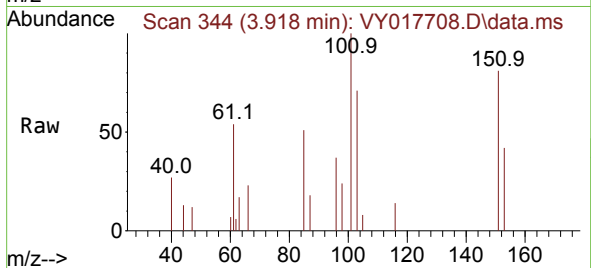




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.275 ug/l
RT: 3.918 min Scan# 341
Delta R.T. 0.024 min
Lab File: VY017708.D
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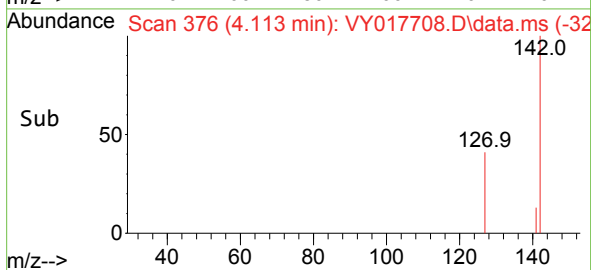
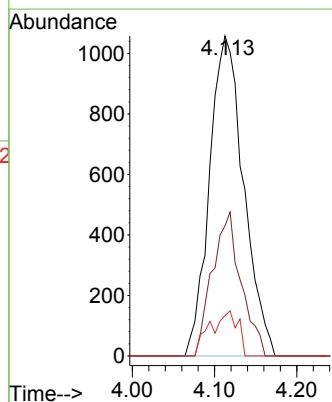
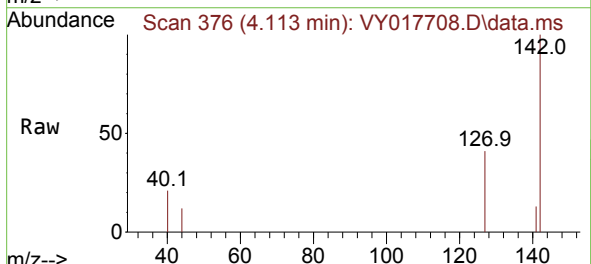
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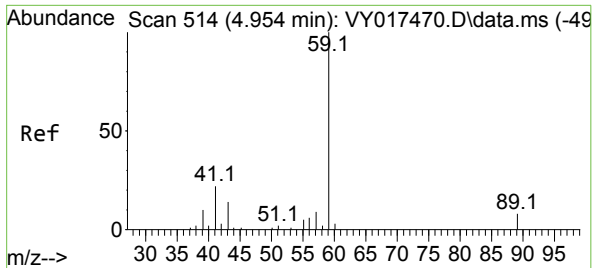
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Ion Ratio Lower Upper
101 100
85 44.4 34.5 51.7
151 80.0 61.7 92.5



#10
Methyl Iodide
Concen: 2.001 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.024 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion:142 Resp: 3052
Ion Ratio Lower Upper
142 100
127 37.7 32.8 49.2
141 11.4 11.4 17.2#

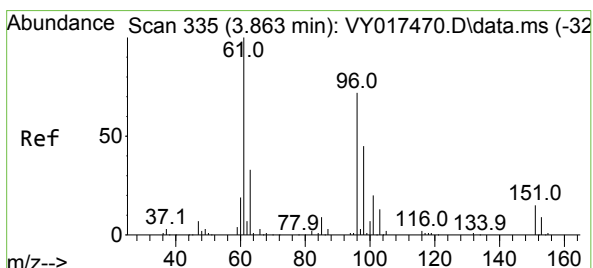
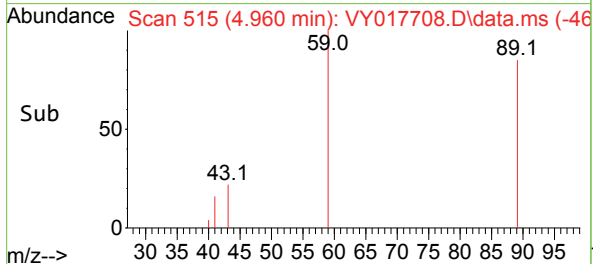
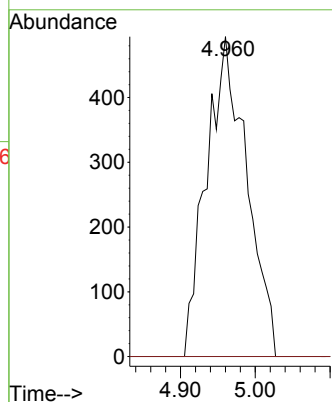
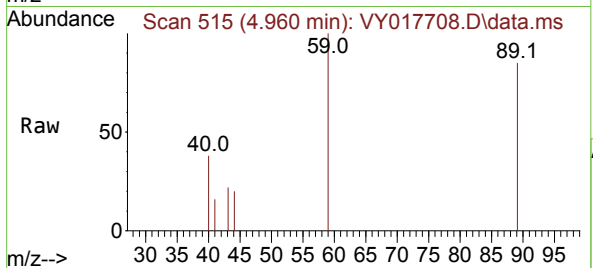




#11
Tert butyl alcohol
Concen: 17.132 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

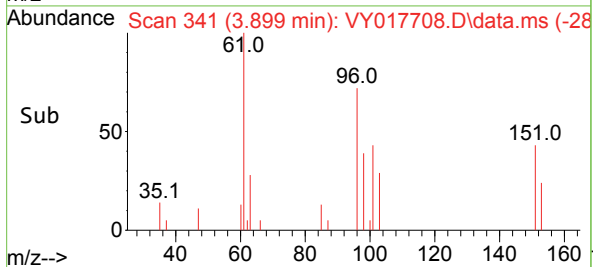
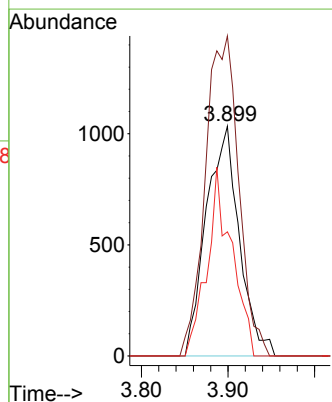
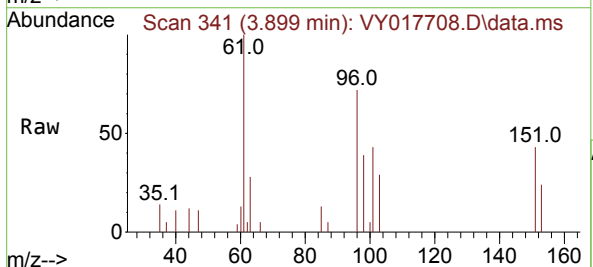
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

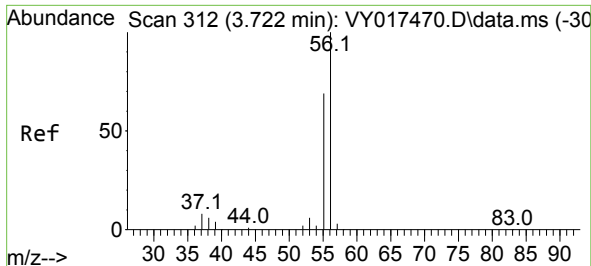
Tgt Ion: 59 Resp: 1849
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.163 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.037 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 96 Resp: 2739
Ion Ratio Lower Upper
96 100
61 139.3 114.6 171.8
98 54.1 50.8 76.2

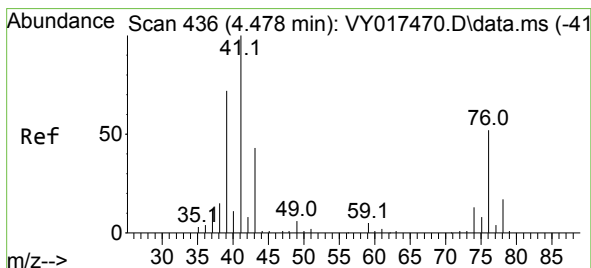
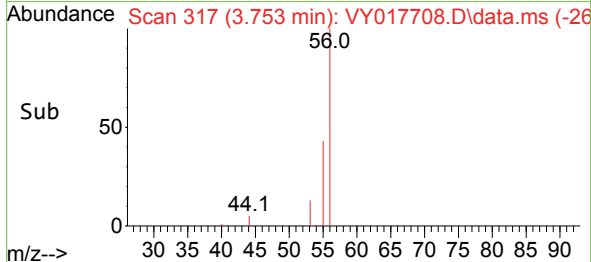
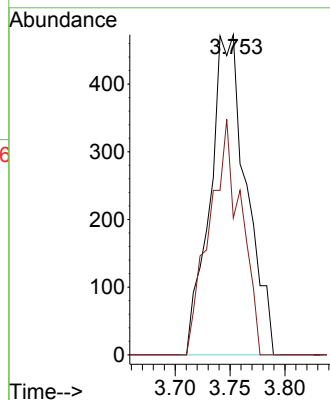
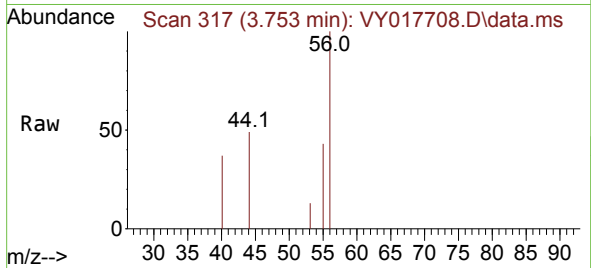




#13
Acrolein
Concen: 7.668 ug/l
RT: 3.753 min Scan# 317
Delta R.T. 0.031 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

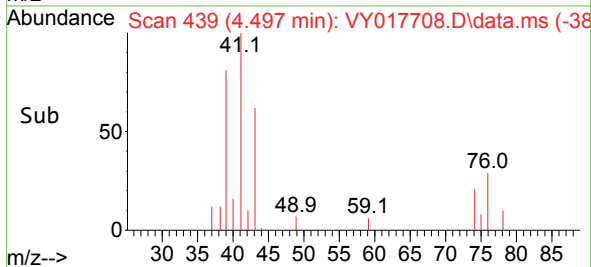
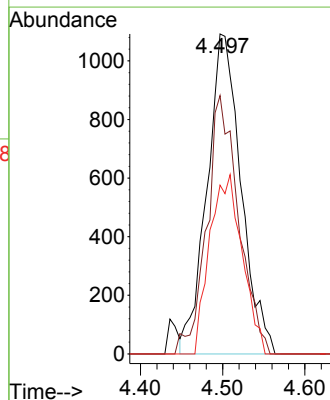
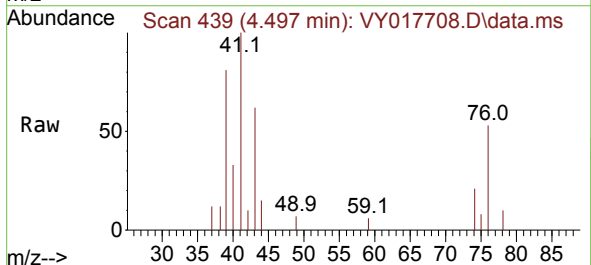
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

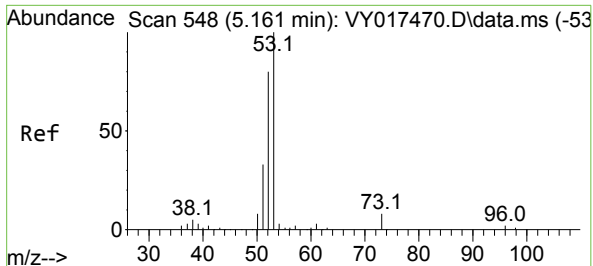
Tgt Ion: 56 Resp: 1092
Ion Ratio Lower Upper
56 100
55 63.9 55.7 83.5



#14
Allyl chloride
Concen: 2.050 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 41 Resp: 3137
Ion Ratio Lower Upper
41 100
39 75.8 58.3 87.5
76 53.5 39.0 58.6

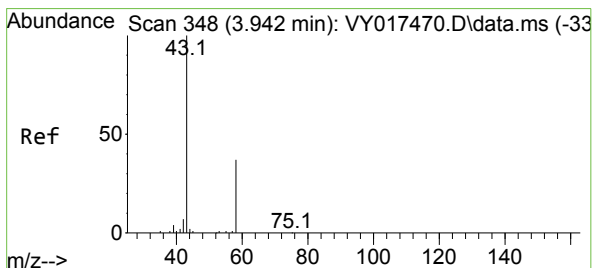
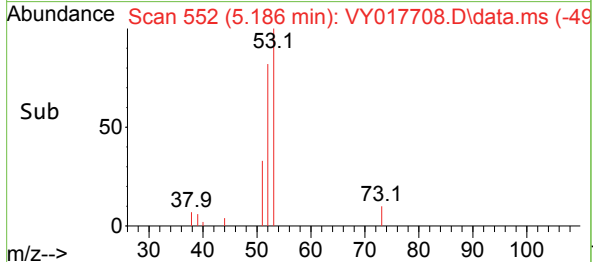
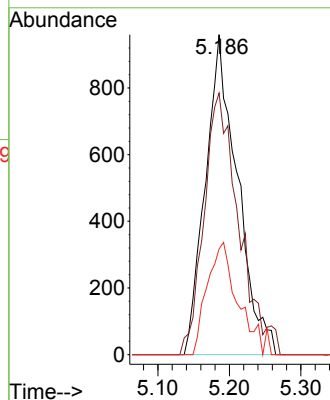
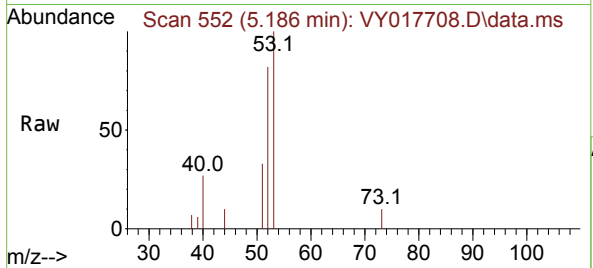




#15
Acrylonitrile
Concen: 10.451 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

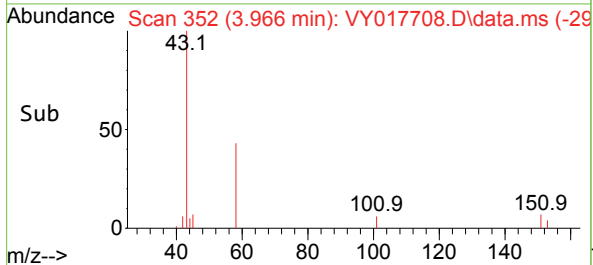
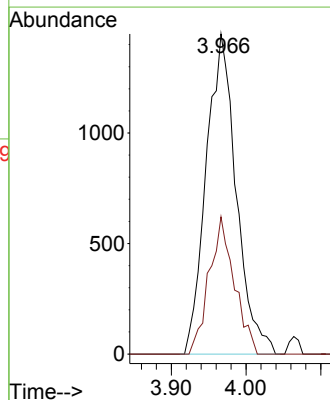
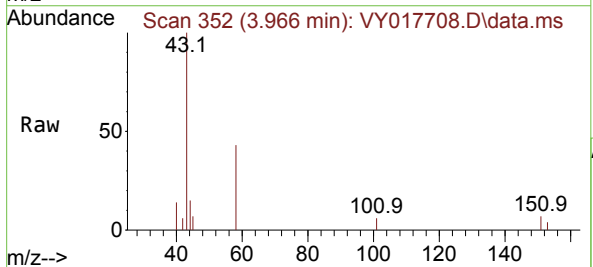
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

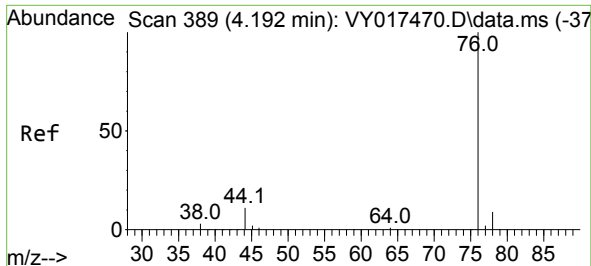
Tgt Ion: 53	Resp: 2977
Ion Ratio	Lower Upper
53 100	
52 89.2	64.7 97.1
51 34.0	28.4 42.6



#16
Acetone
Concen: 16.405 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 43	Resp: 4043
Ion Ratio	Lower Upper
43 100	
58 42.9	31.7 47.5





#17

Carbon Disulfide

Concen: 1.444 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.024 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

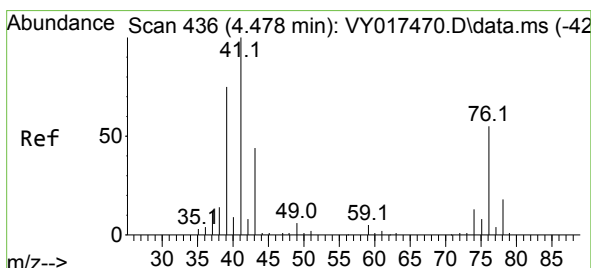
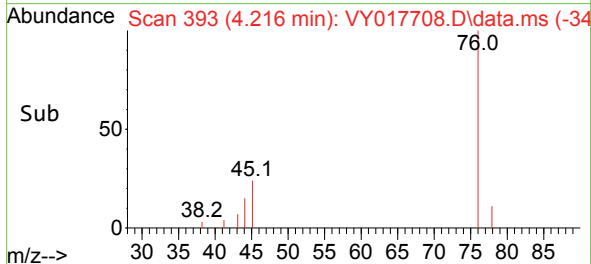
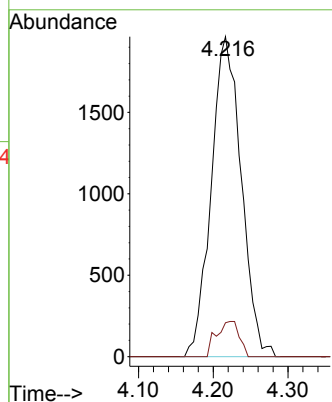
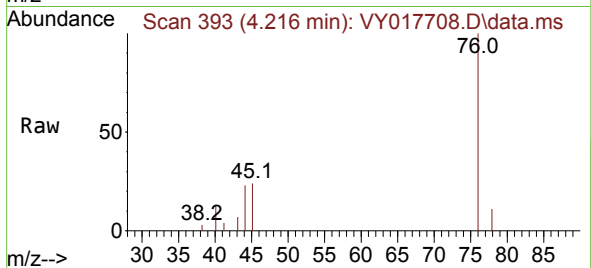
MDL01

Tgt Ion: 76 Resp: 5491

Ion Ratio Lower Upper

76 100

78 10.6 6.8 10.2#



#18

Methyl Acetate

Concen: 3.466 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017708.D

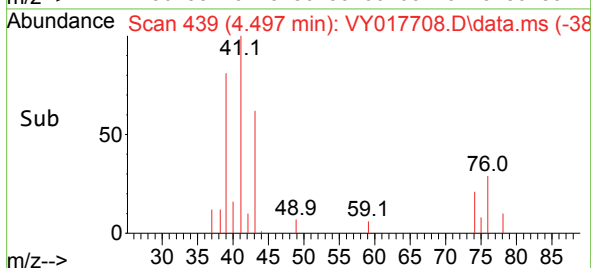
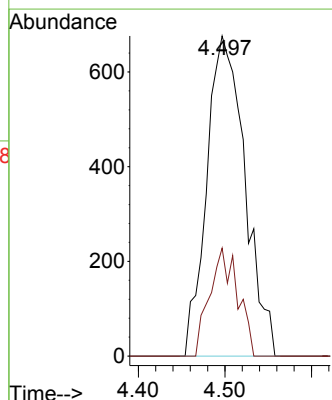
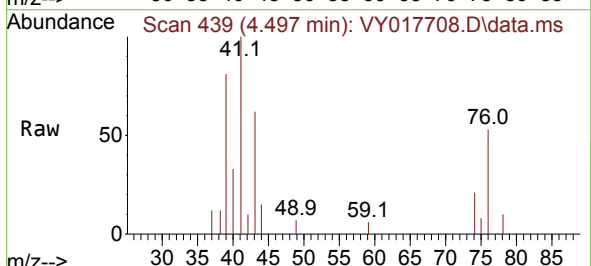
Acq: 19 Mar 2024 13:29

Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

43 100

74 24.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.252 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

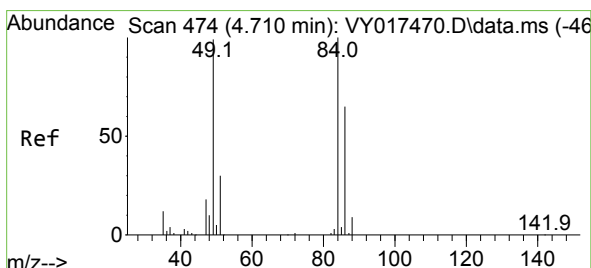
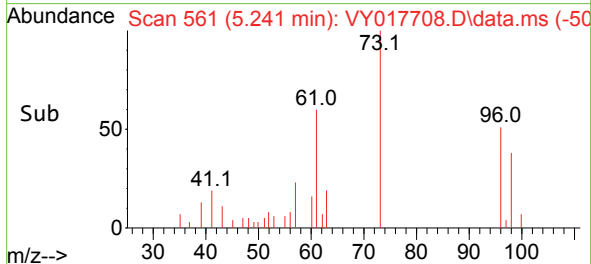
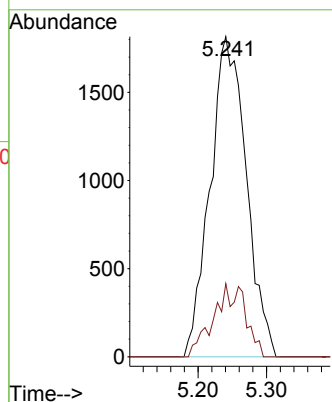
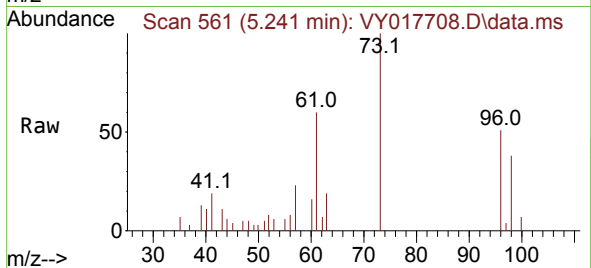
MDL01

Tgt Ion: 73 Resp: 6649

Ion Ratio Lower Upper

73 100

57 22.8 17.3 25.9



#20

Methylene Chloride

Concen: 5.945 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.024 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Tgt Ion: 84 Resp: 10490

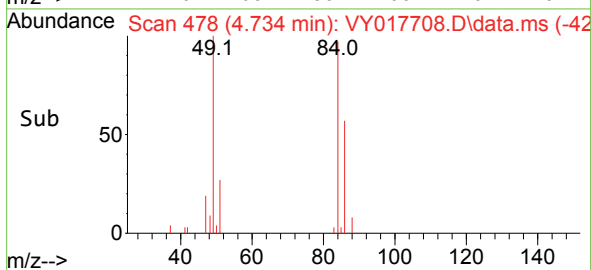
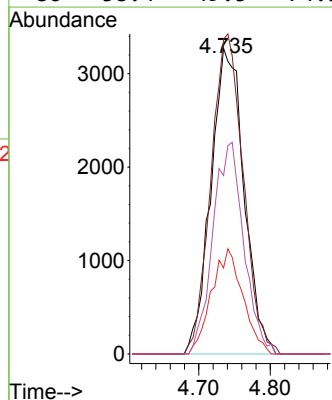
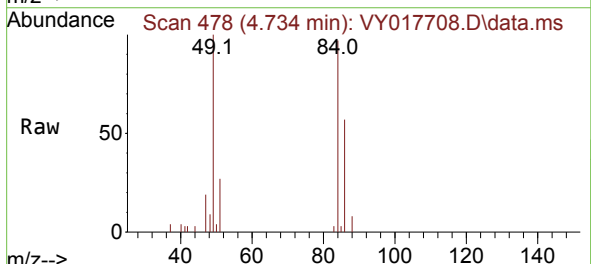
Ion Ratio Lower Upper

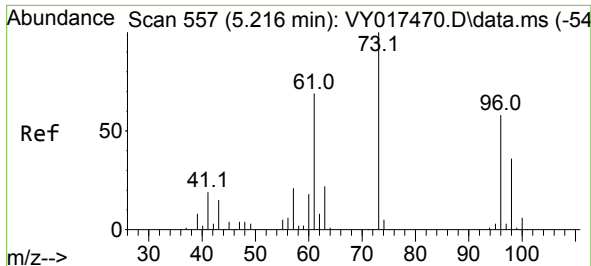
84 100

49 102.9 84.4 126.6

51 28.1 26.0 39.0

86 58.4 49.5 74.3

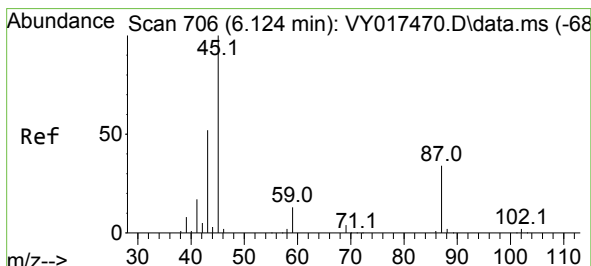
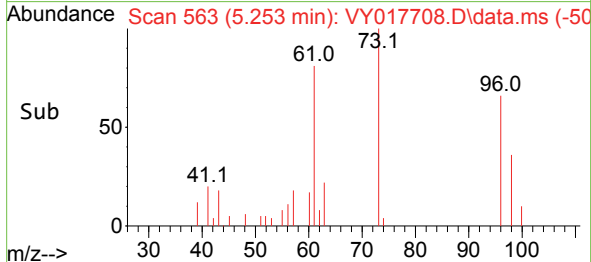
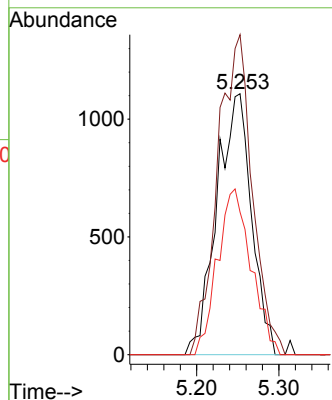
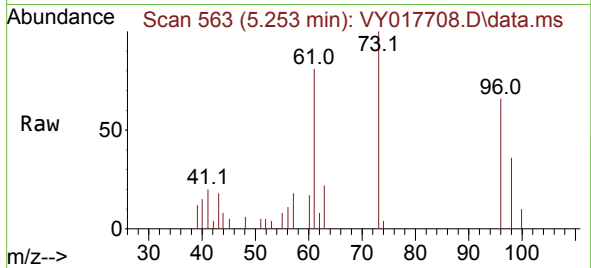




#21
trans-1,2-Dichloroethene
Concen: 2.190 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

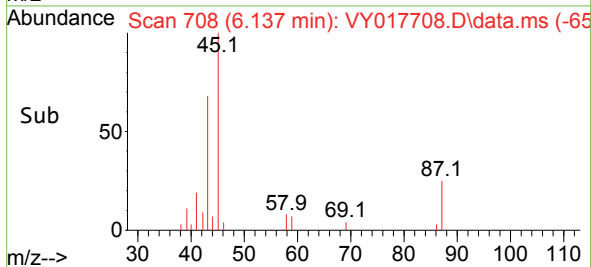
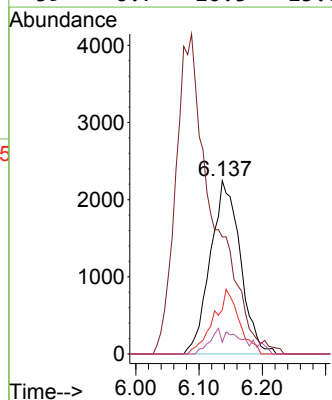
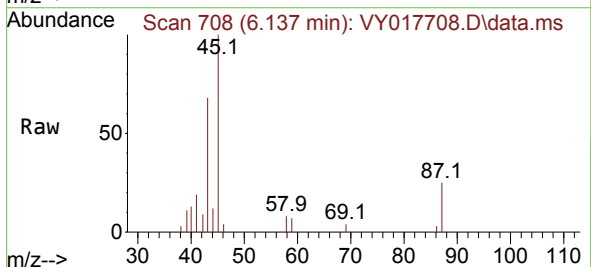
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

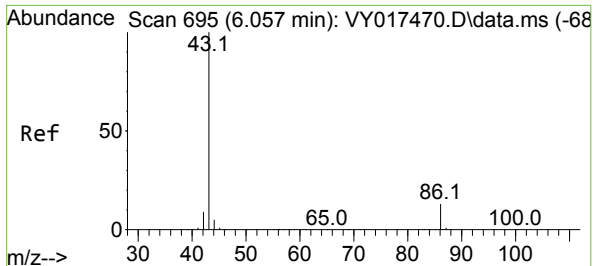
Tgt Ion: 96 Resp: 3248
Ion Ratio Lower Upper
96 100
61 122.7 97.5 146.3
98 54.6 50.5 75.7



#22
Diisopropyl ether
Concen: 2.089 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 45 Resp: 7376
Ion Ratio Lower Upper
45 100
43 64.5 42.2 63.2#
87 25.4 25.0 37.6
59 6.7 10.5 15.7#

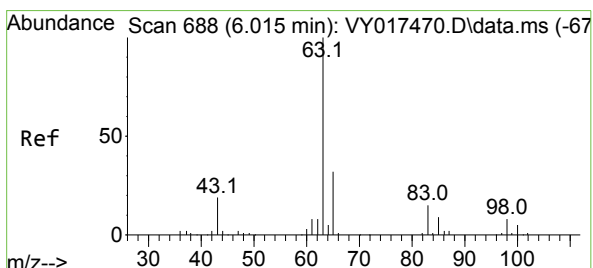
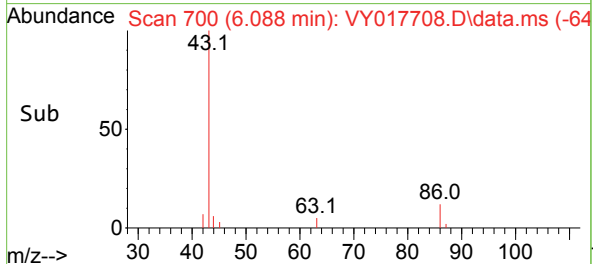
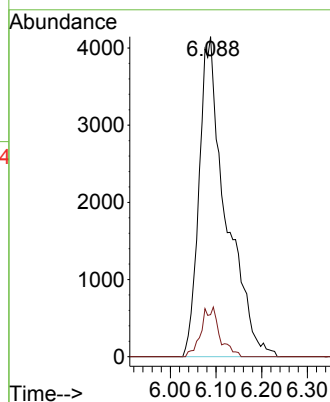
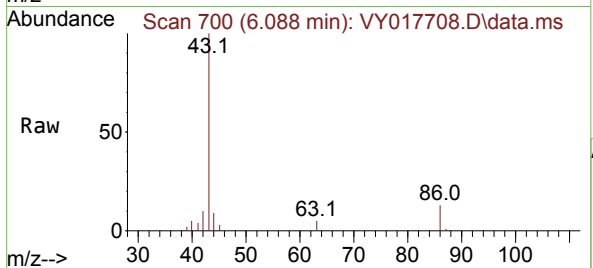




#23
 Vinyl Acetate
 Concen: 7.995 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.031 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

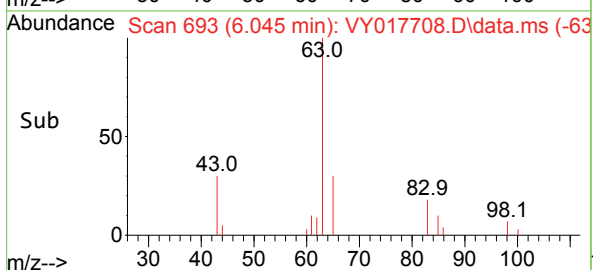
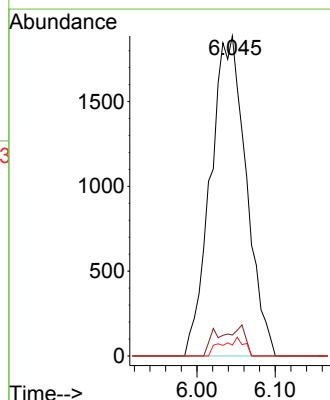
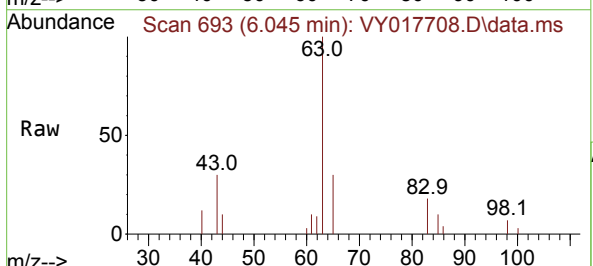
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Tgt Ion: 43 Resp: 16823
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.474 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.031 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

Tgt Ion: 63 Resp: 5969
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.4 2.6 8.0

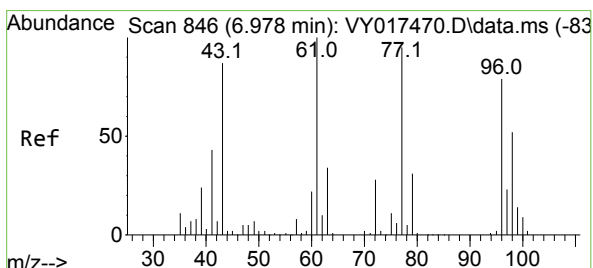
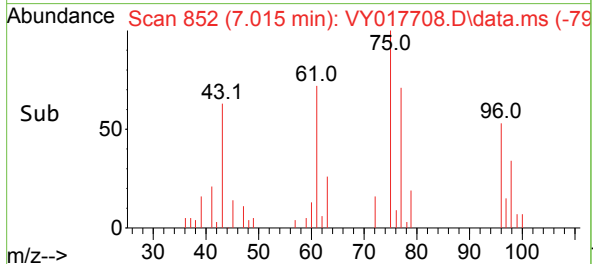
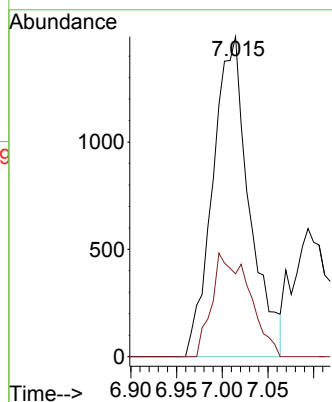
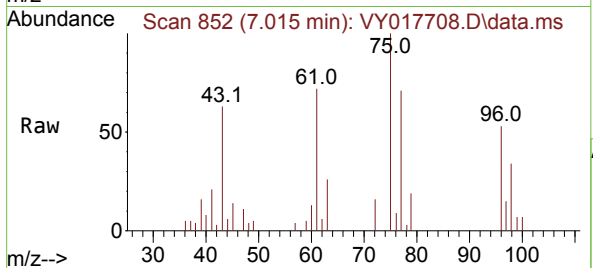




#25
2-Butanone
Concen: 11.782 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

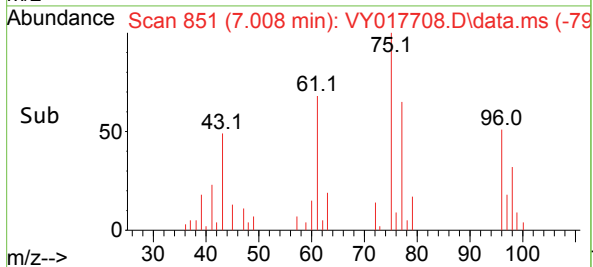
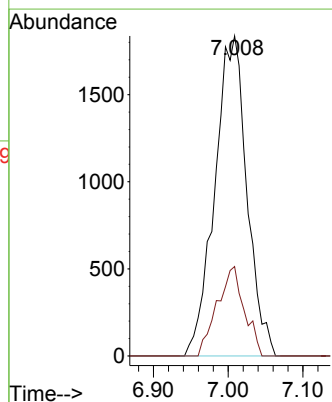
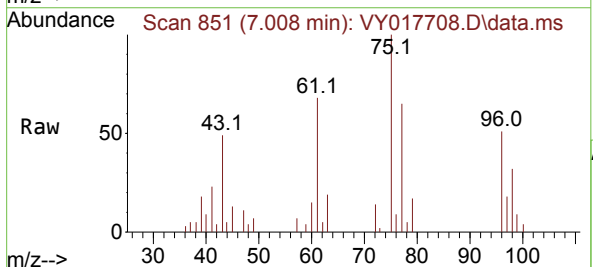
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

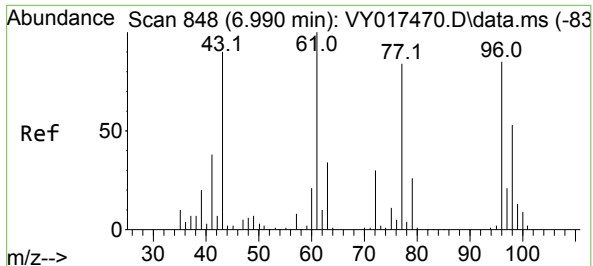
Tgt Ion: 43 Resp: 4138
Ion Ratio Lower Upper
43 100
72 25.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 2.710 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.031 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 77 Resp: 5496
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.372 ug/l

RT: 7.002 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

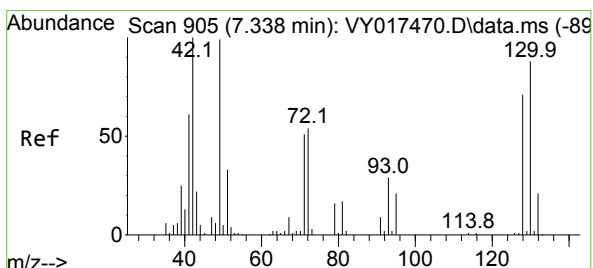
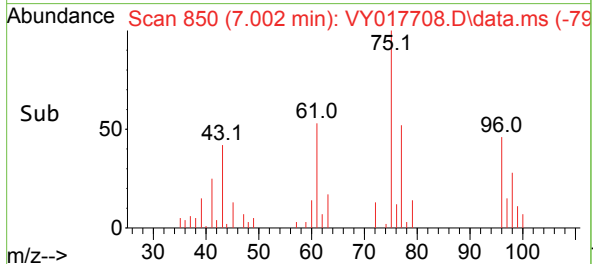
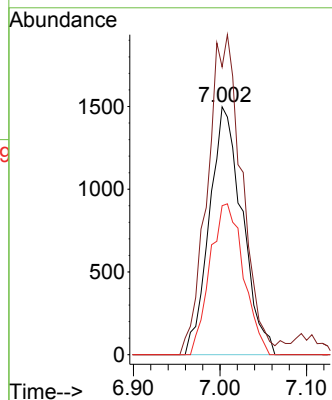
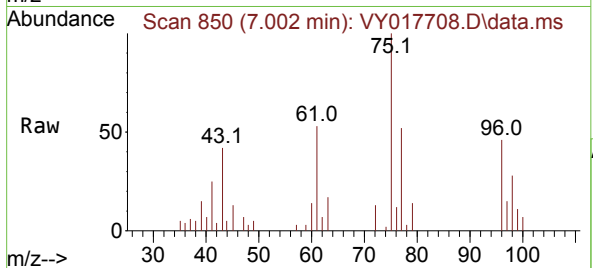
Tgt Ion: 96 Resp: 3950

Ion Ratio Lower Upper

96 100

61 135.5 0.0 256.2

98 62.2 0.0 130.0



#28

Bromochloromethane

Concen: 1.953 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

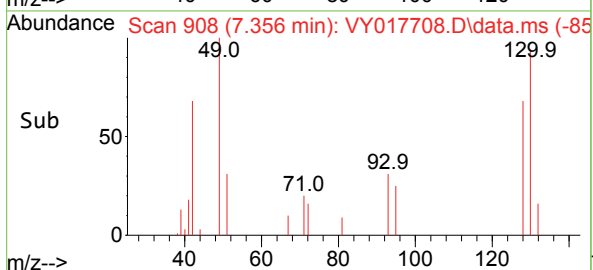
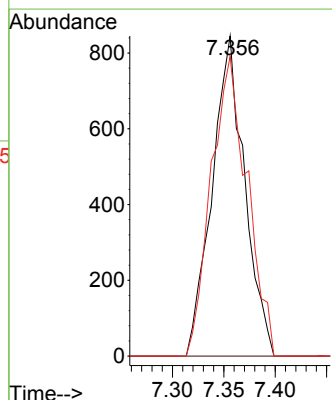
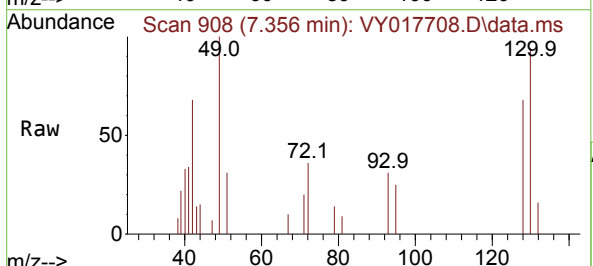
Tgt Ion: 49 Resp: 1856

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 103.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 8.904 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

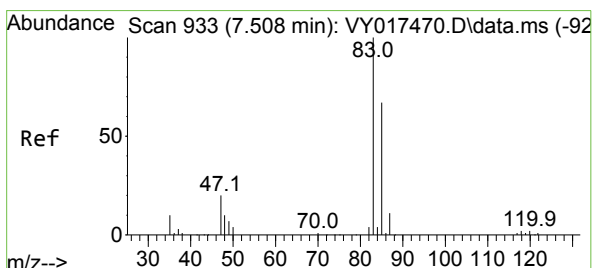
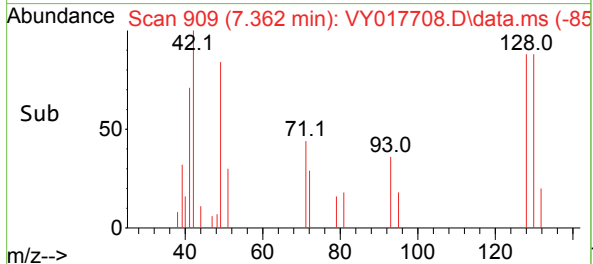
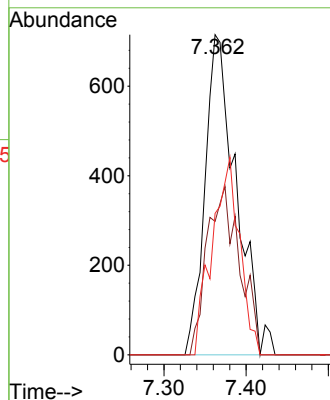
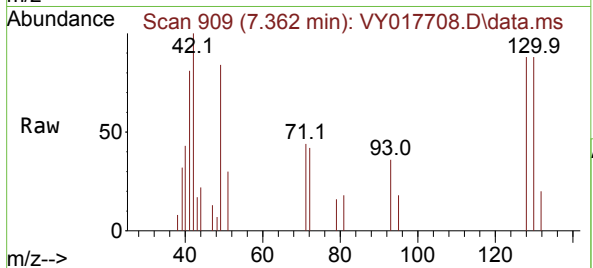
Tgt Ion: 42 Resp: 1885

Ion Ratio Lower Upper

42 100

72 55.1 43.0 64.4

71 54.3 40.8 61.2



#30

Chloroform

Concen: 2.692 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017708.D

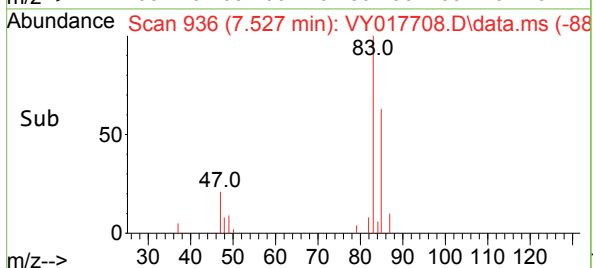
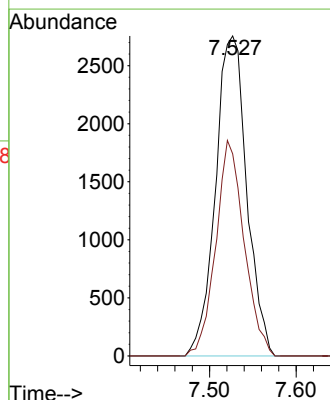
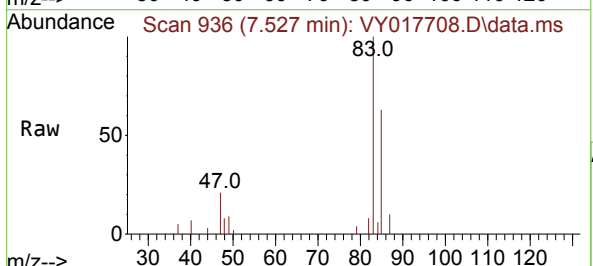
Acq: 19 Mar 2024 13:29

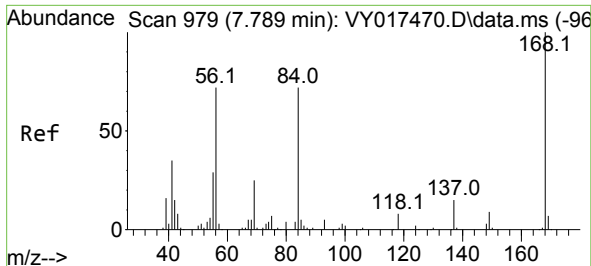
Tgt Ion: 83 Resp: 6915

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.4

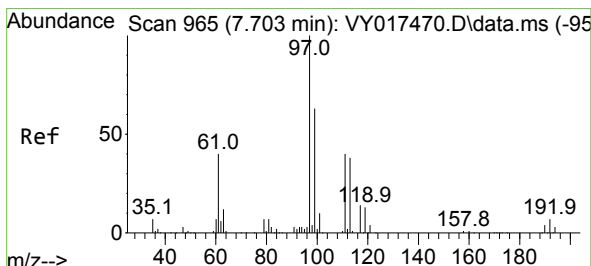
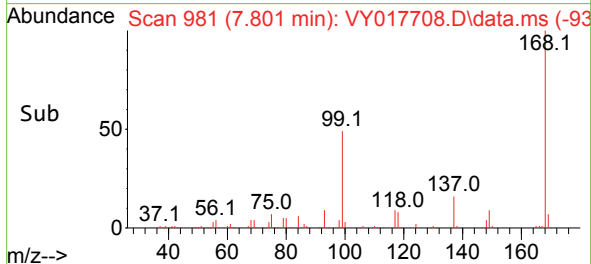
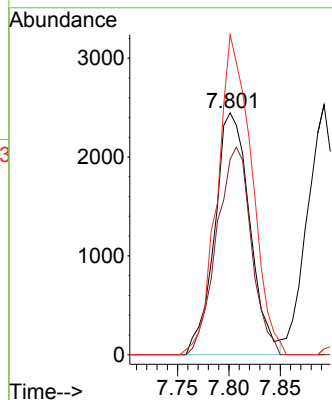
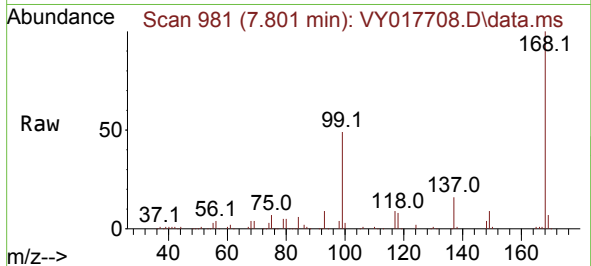




#31
Cyclohexane
Concen: 2.807 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

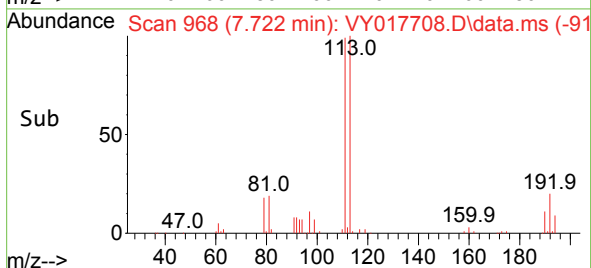
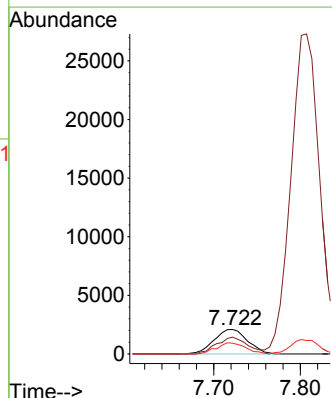
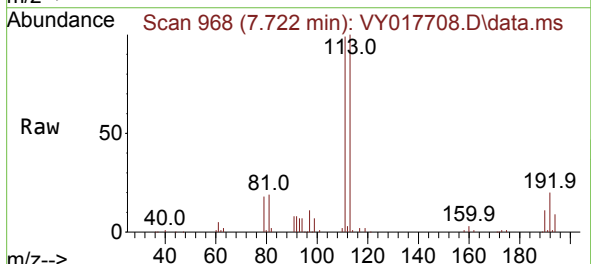
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

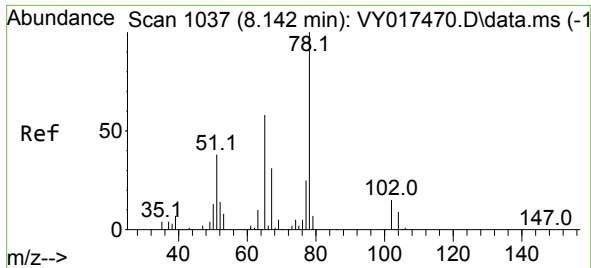
Tgt Ion: 56 Resp: 5804
Ion Ratio Lower Upper
56 100
69 80.9 28.7 43.1#
84 132.3 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.511 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 97 Resp: 5600
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 39.8 32.6 48.8

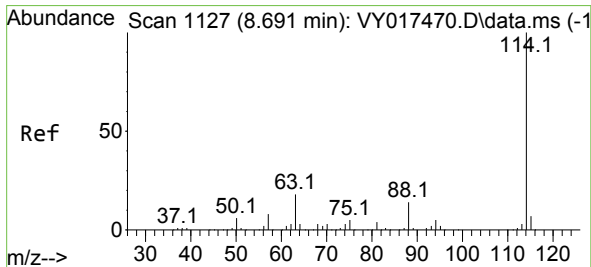
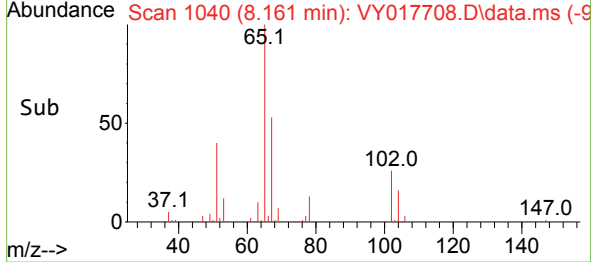
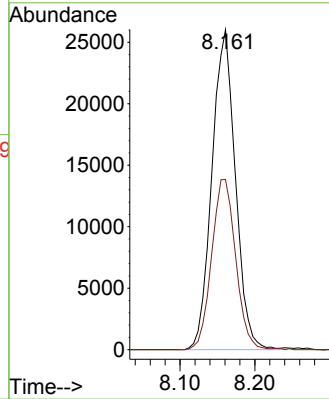
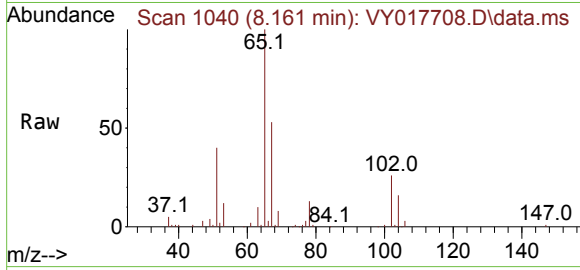




#33
 1,2-Dichloroethane-d4
 Concen: 44.643 ug/l
 RT: 8.161 min Scan# 1037
 Delta R.T. 0.018 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

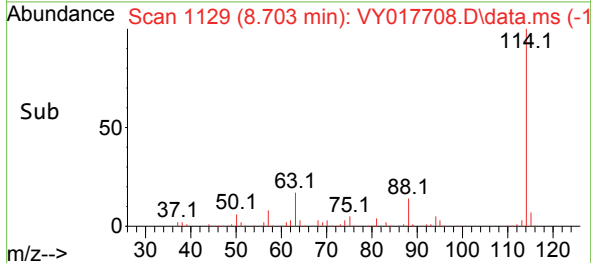
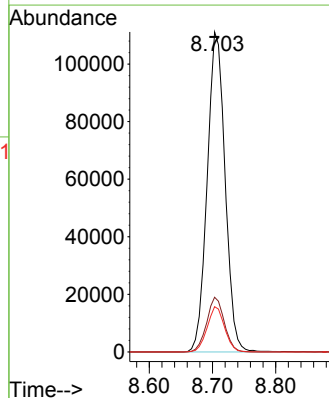
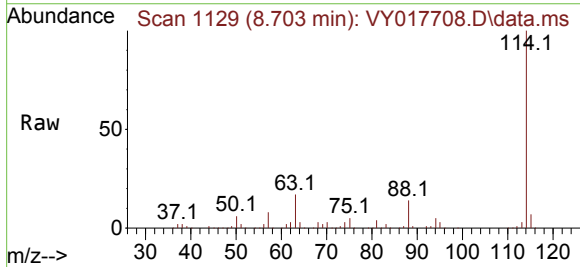
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Tgt Ion: 65 Resp: 56723
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

Tgt Ion: 114 Resp: 218556
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 14.2 0.0 27.2

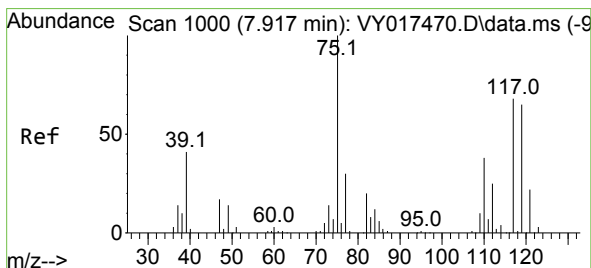
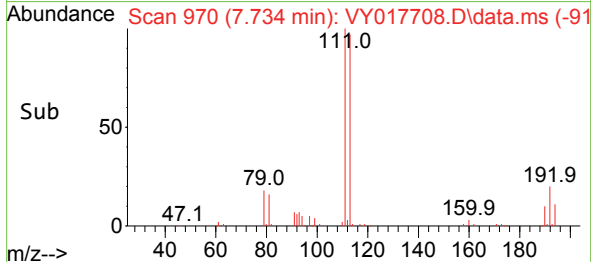
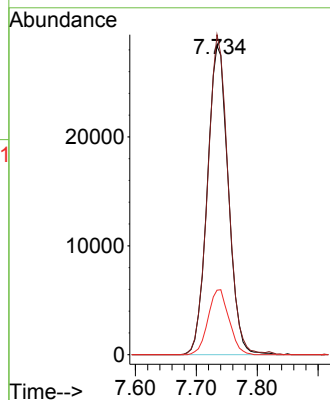
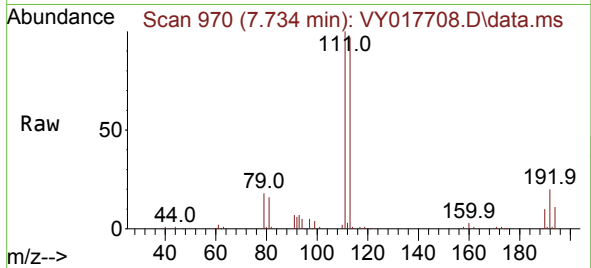




#35
Dibromofluoromethane
Concen: 44.572 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

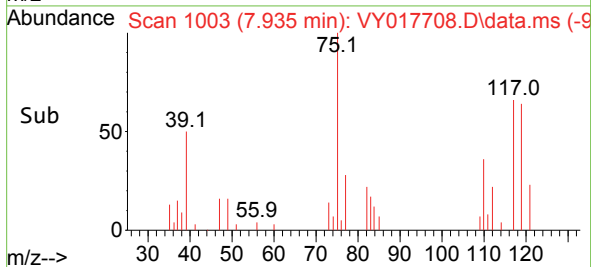
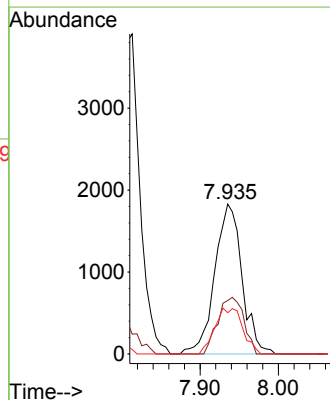
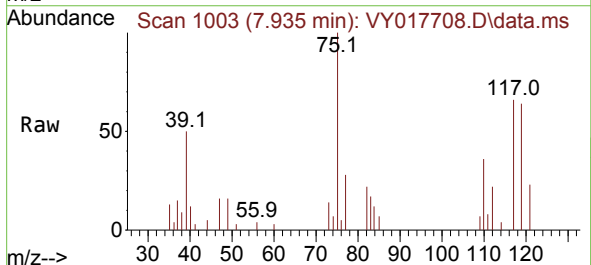
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

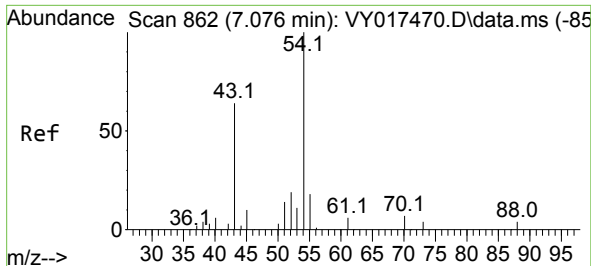
Tgt Ion:113 Resp: 67881
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.156 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 75 Resp: 4430
Ion Ratio Lower Upper
75 100
110 36.0 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 1.448 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

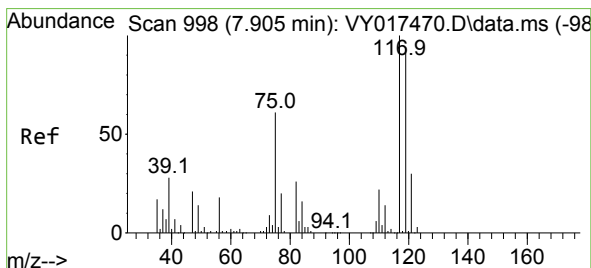
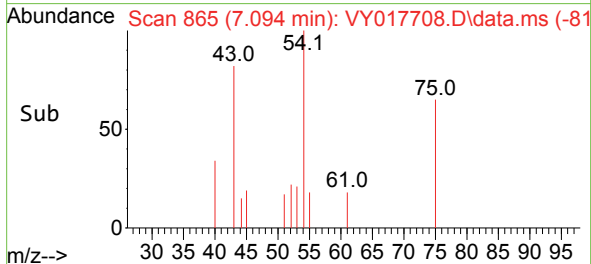
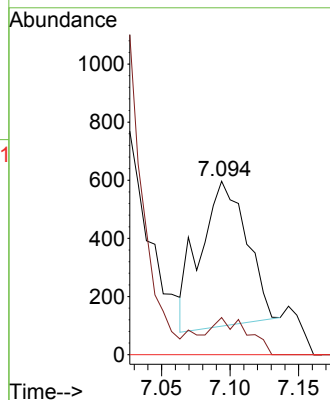
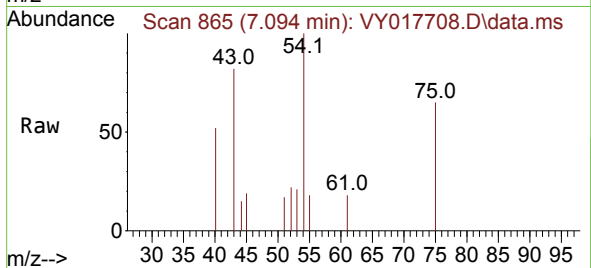
Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

61 19.4 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.247 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

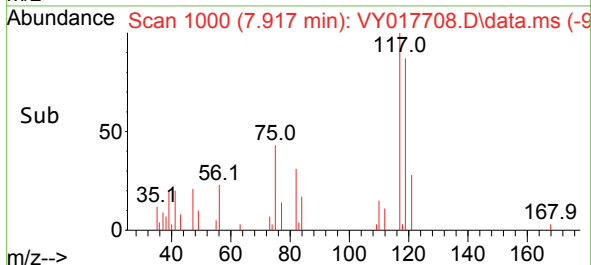
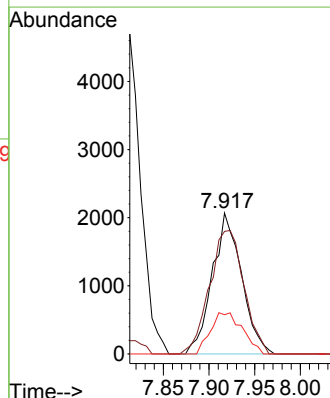
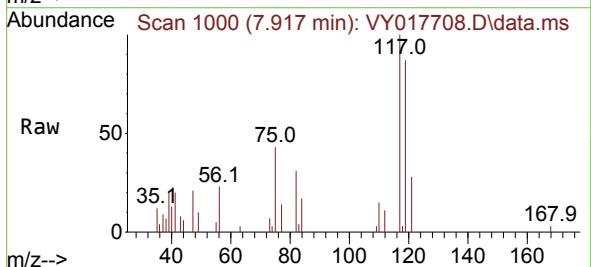
Tgt Ion: 117 Resp: 4627

Ion Ratio Lower Upper

117 100

119 87.0 75.8 113.6

121 27.9 24.0 36.0





#39

Methylcyclohexane

Concen: 1.742 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

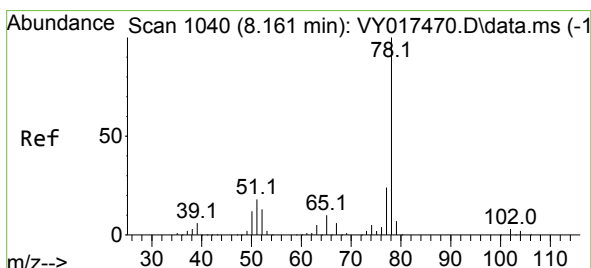
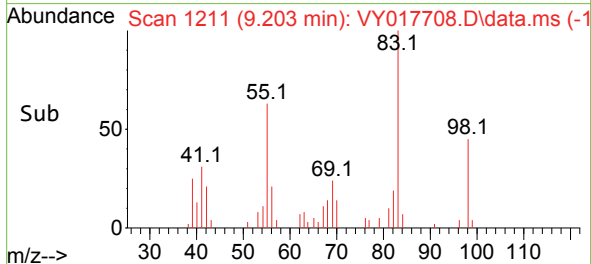
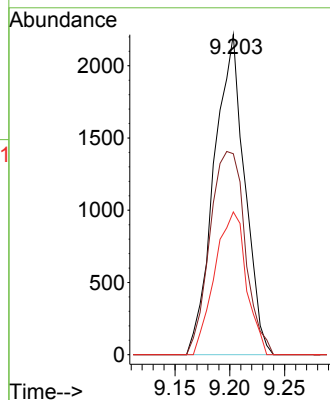
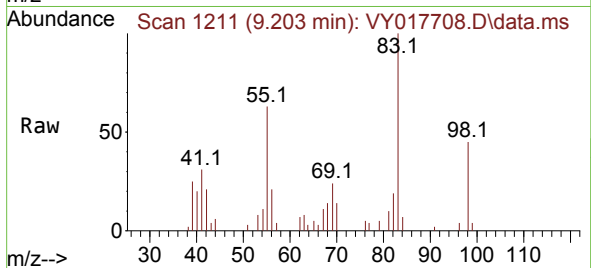
Tgt Ion: 83 Resp: 4302

Ion Ratio Lower Upper

83 100

55 62.8 51.5 77.3

98 44.6 40.5 60.7



#40

Benzene

Concen: 2.399 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017708.D

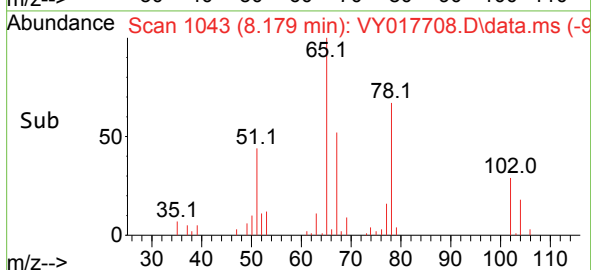
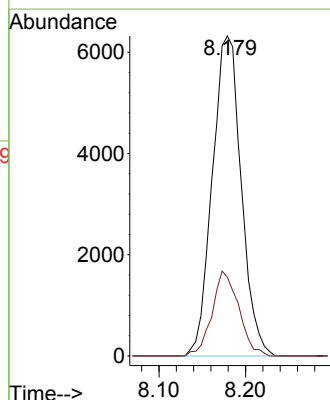
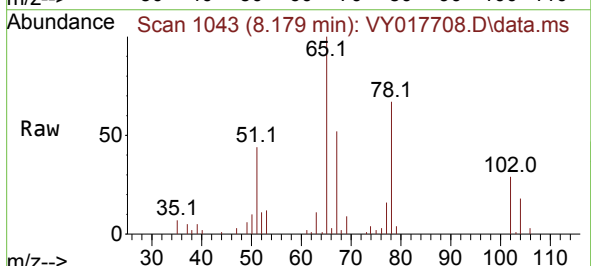
Acq: 19 Mar 2024 13:29

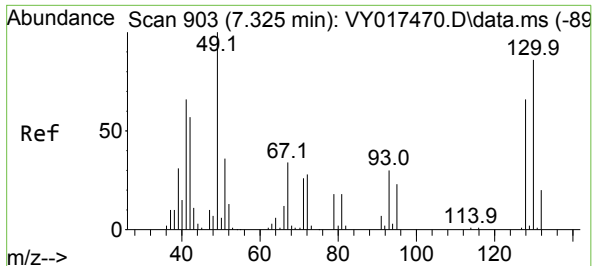
Tgt Ion: 78 Resp: 14640

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

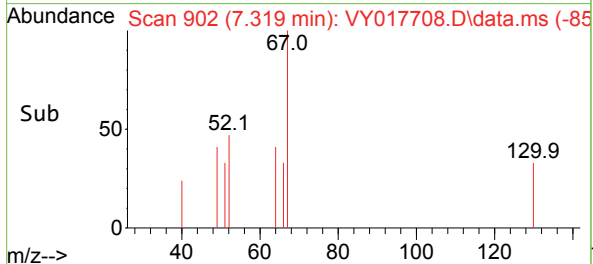
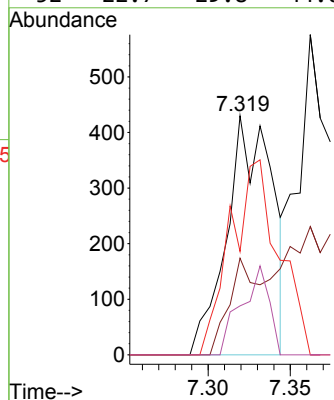
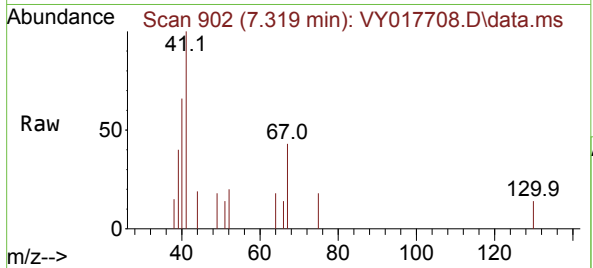




#41
Methacrylonitrile
Concen: 2.038 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

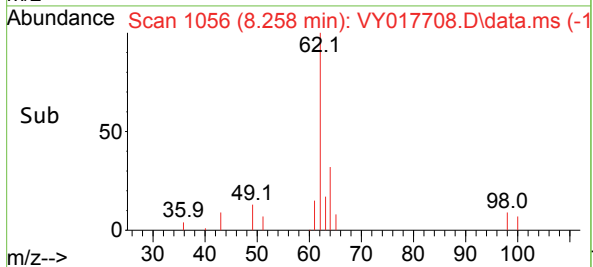
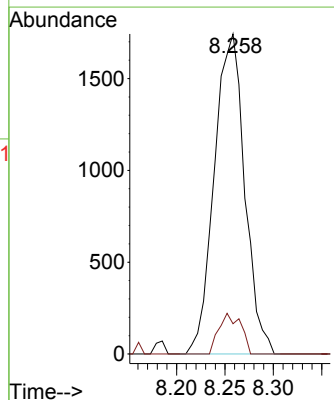
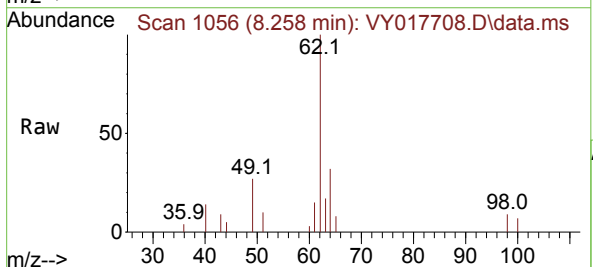
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

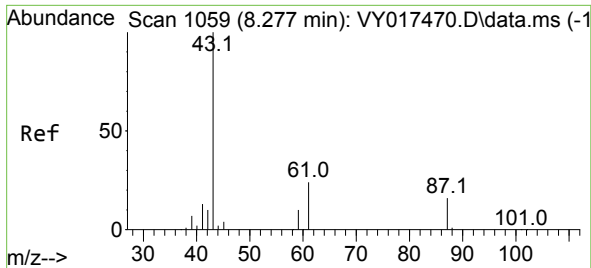
Tgt Ion: 41 Resp: 830
Ion Ratio Lower Upper
41 100
39 25.4 48.0 72.0#
67 86.0 75.1 112.7
52 22.7 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.563 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 62 Resp: 3816
Ion Ratio Lower Upper
62 100
98 9.1 0.0 22.0

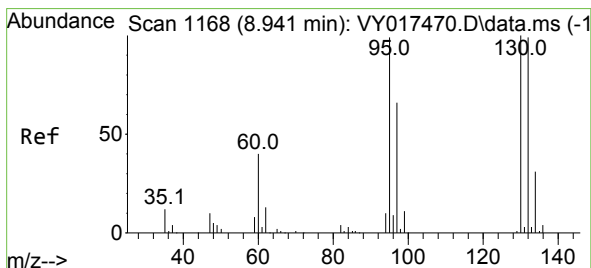
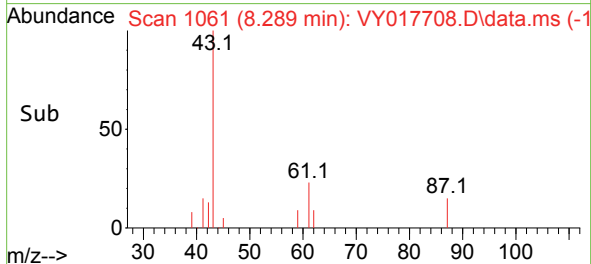
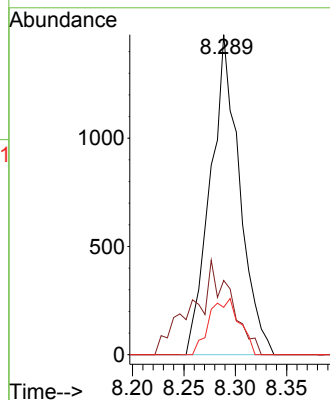
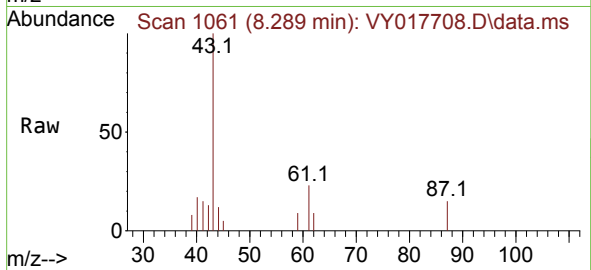




#43
Isopropyl Acetate
Concen: 2.040 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

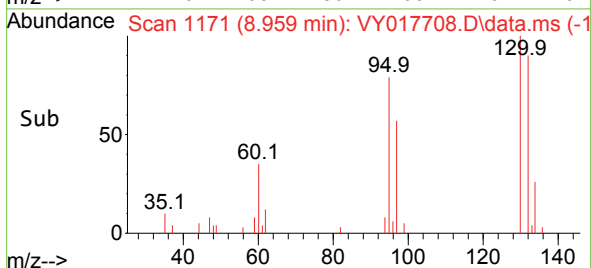
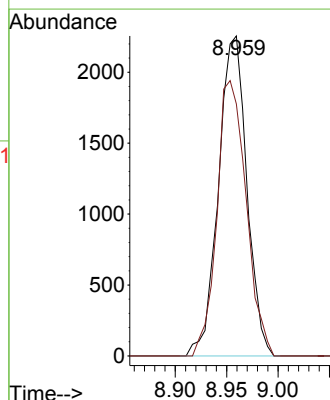
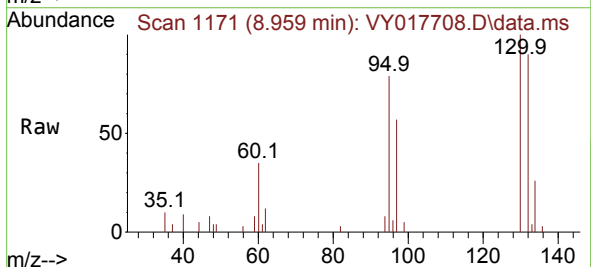
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

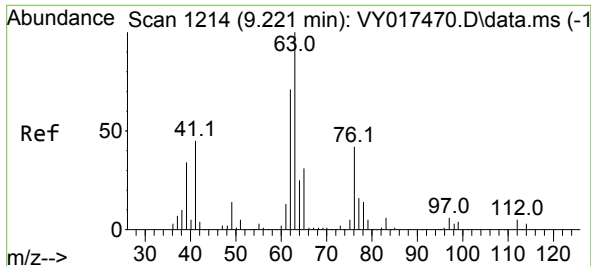
Tgt Ion: 43	Resp: 2909
Ion Ratio	Lower Upper
43 100	
61 39.8	27.9 41.9
87 18.3	13.1 19.7



#44
Trichloroethene
Concen: 2.461 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion:130	Resp:	4329	
Ion	Ratio	Lower	Upper
130	100		
95	78.8	0.0	188.0

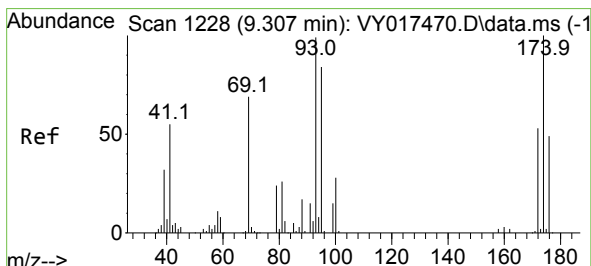
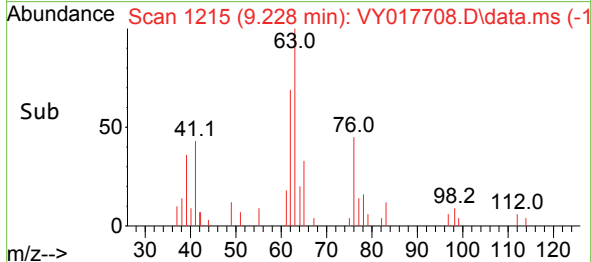
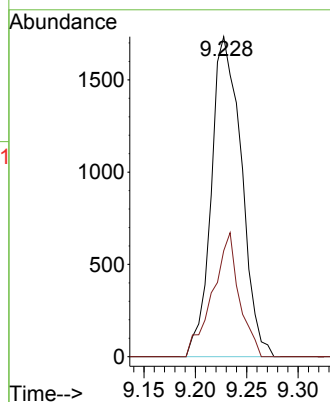
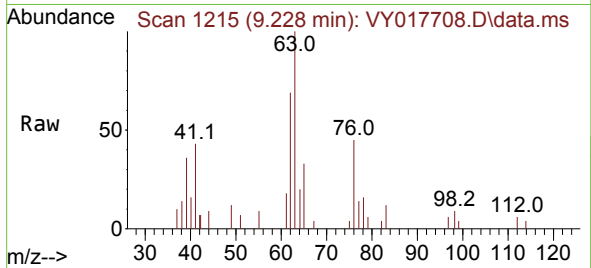




#45
1,2-Dichloropropane
Concen: 2.431 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

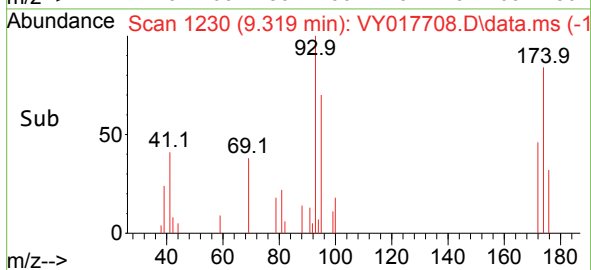
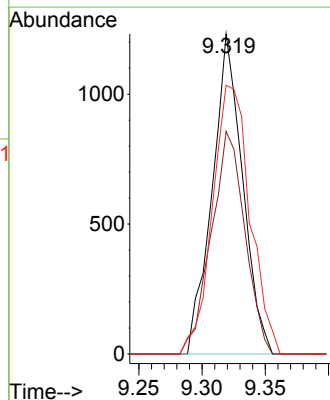
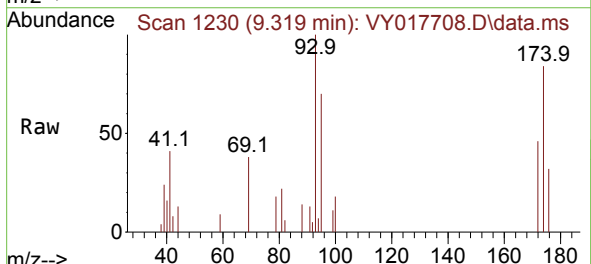
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

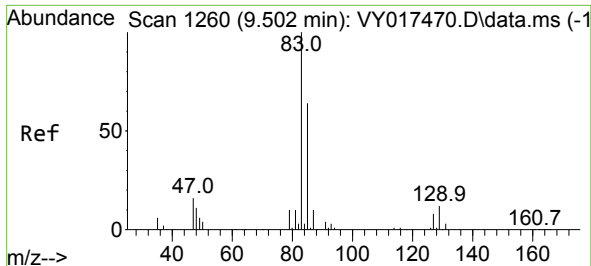
Tgt Ion: 63 Resp: 3529
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.2



#46
Dibromomethane
Concen: 2.471 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 93 Resp: 2053
Ion Ratio Lower Upper
93 100
95 76.9 66.2 99.4
174 103.9 80.9 121.3

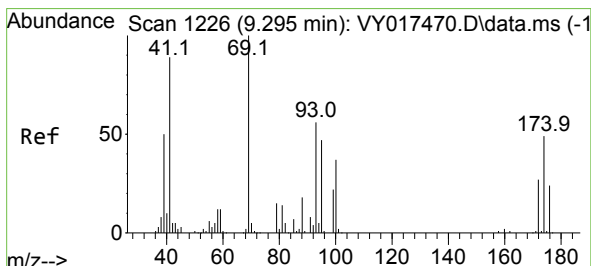
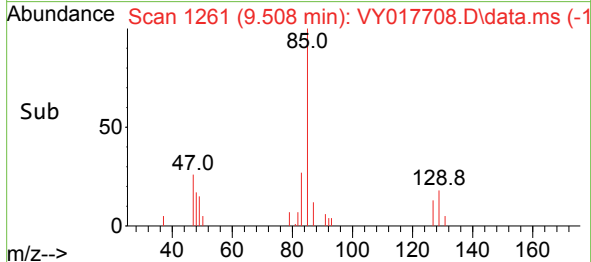
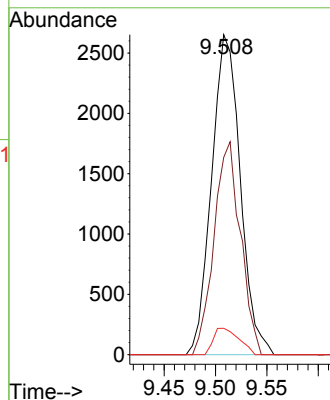
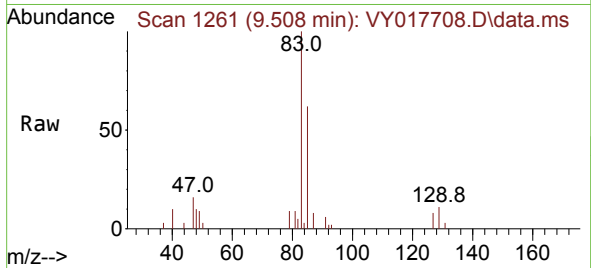




#47
Bromodichloromethane
Concen: 2.550 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

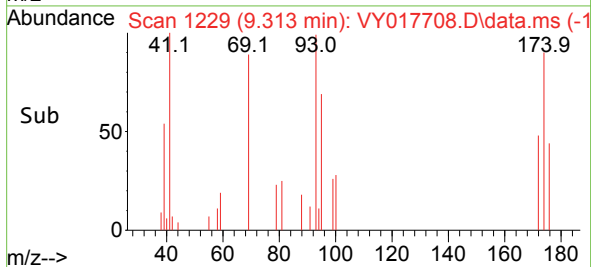
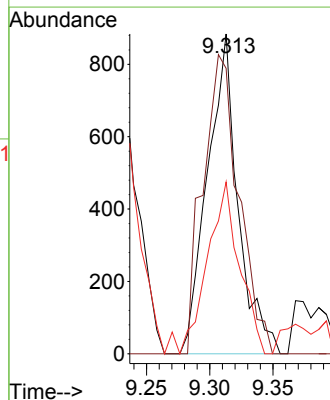
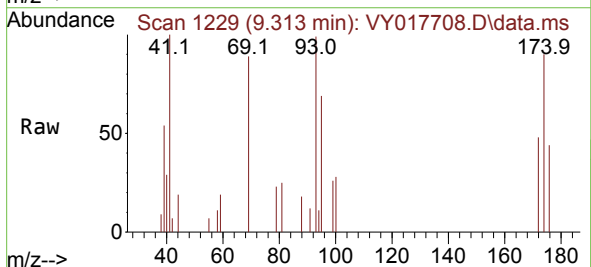
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

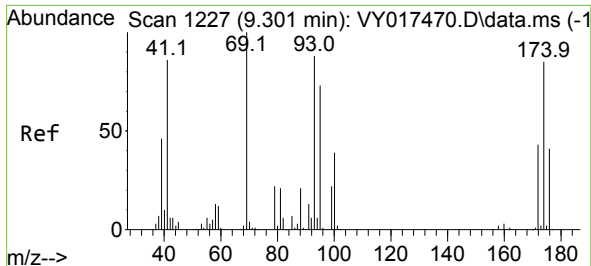
Tgt Ion: 83 Resp: 5144
Ion Ratio Lower Upper
83 100
85 61.7 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 2.247 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 41 Resp: 1483
Ion Ratio Lower Upper
41 100
69 110.0 84.1 126.1
39 56.0 43.6 65.4





#49

1,4-Dioxane

Concen: 29.990 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

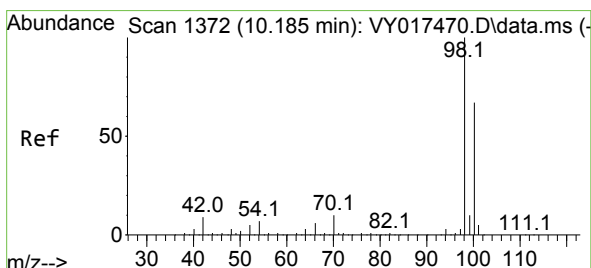
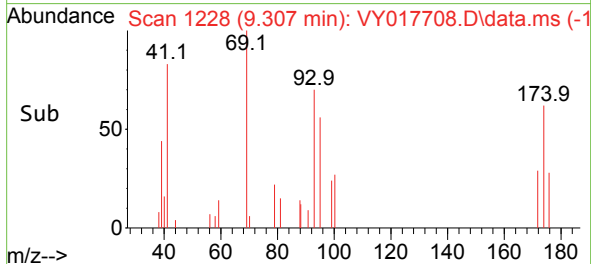
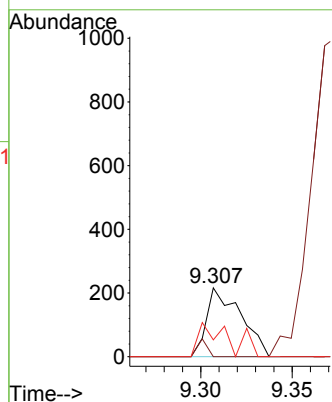
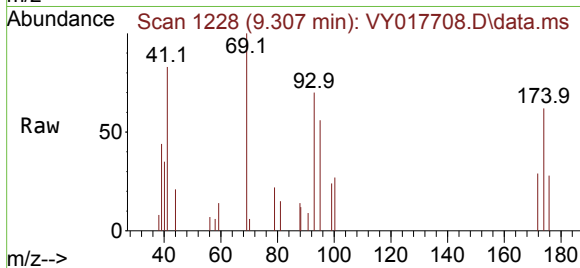
Tgt Ion: 88 Resp: 282

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 44.7 49.3 73.9#



#50

Toluene-d8

Concen: 47.372 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017708.D

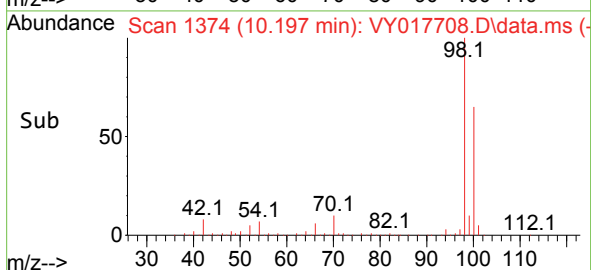
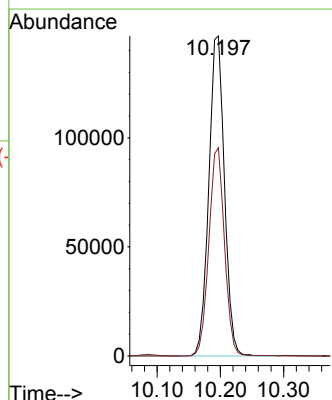
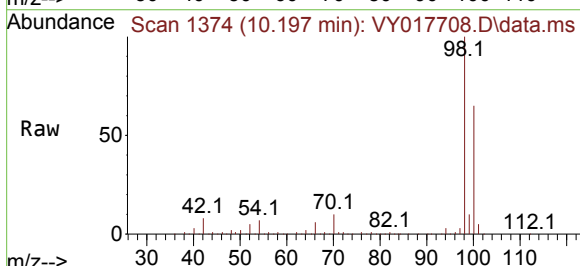
Acq: 19 Mar 2024 13:29

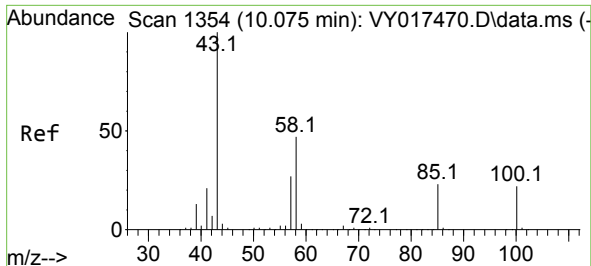
Tgt Ion: 98 Resp: 252248

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

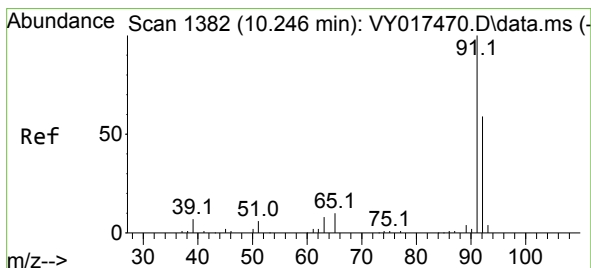
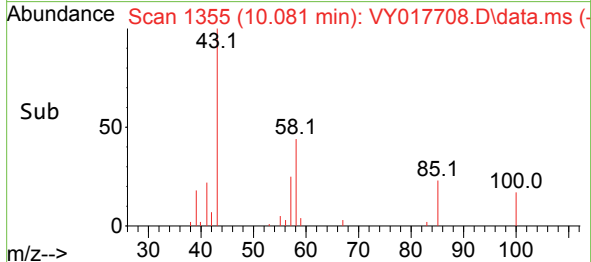
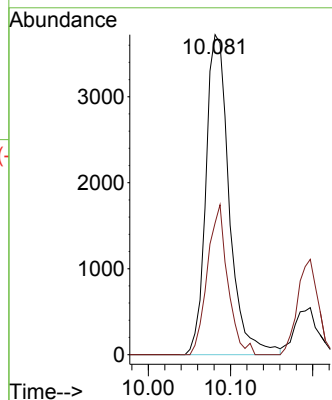
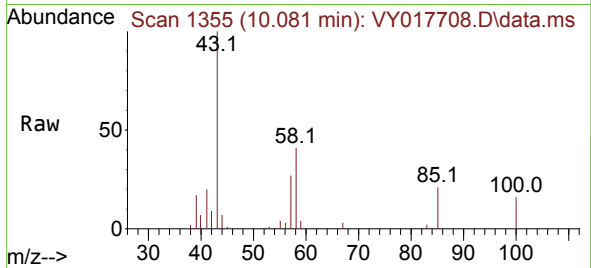




#51
4-Methyl-2-Pentanone
Concen: 9.233 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

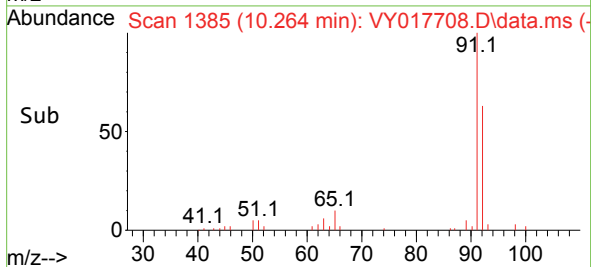
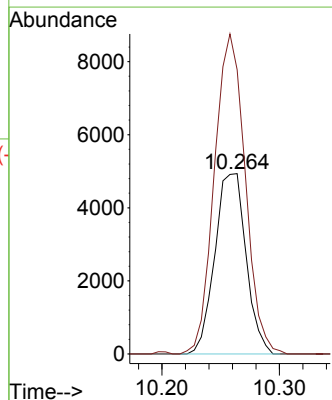
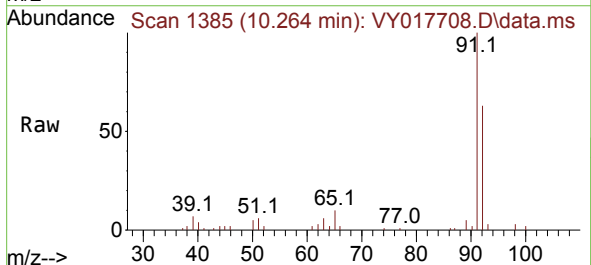
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

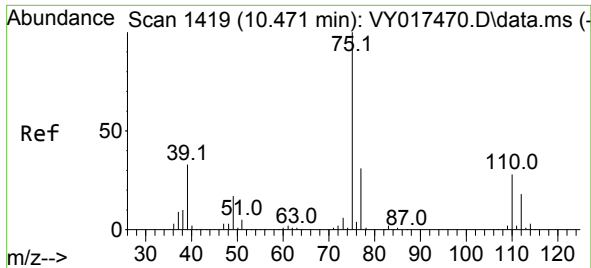
Tgt Ion: 43 Resp: 7339
Ion Ratio Lower Upper
43 100
58 40.9 35.7 53.5



#52
Toluene
Concen: 2.371 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 92 Resp: 9121
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.6

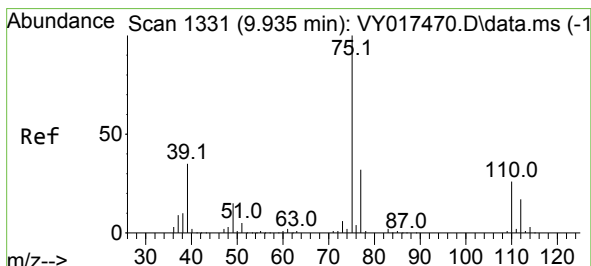
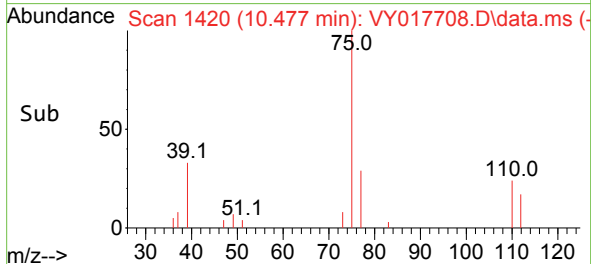
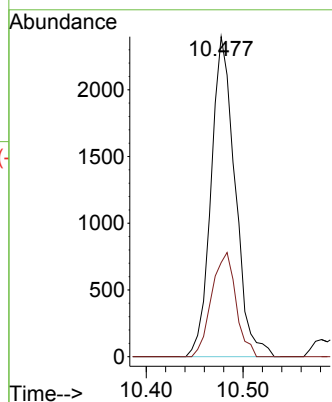
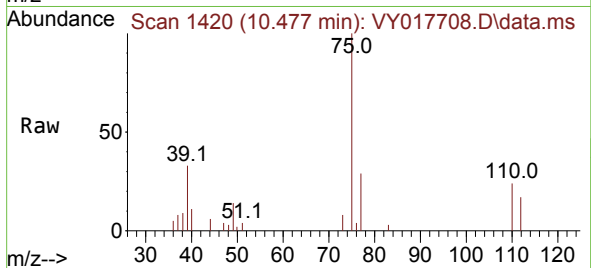




#53
 t-1,3-Dichloropropene
 Concen: 2.214 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

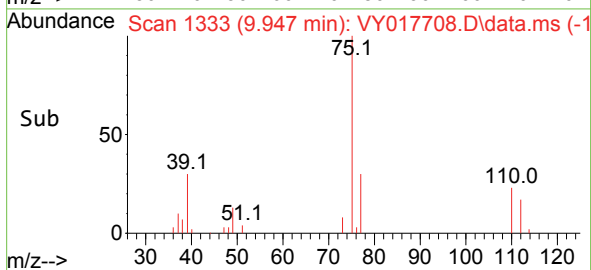
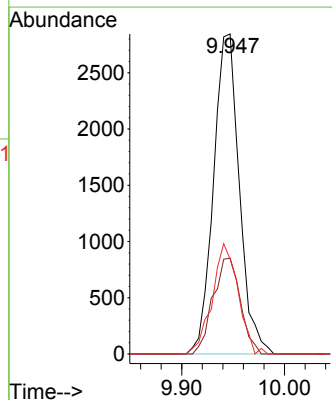
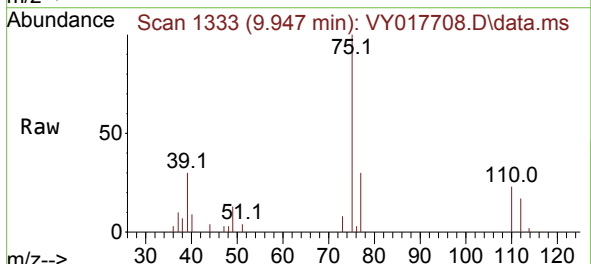
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

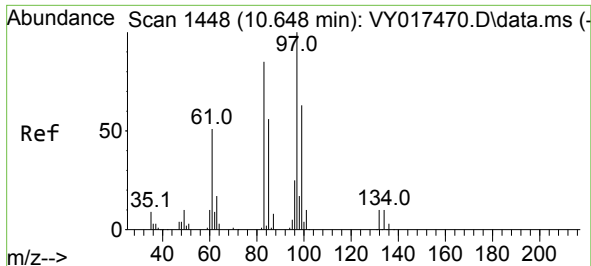
Tgt Ion: 75 Resp: 4145
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 2.177 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017708.D
 Acq: 19 Mar 2024 13:29

Tgt Ion: 75 Resp: 4954
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 29.6 29.8 44.6#

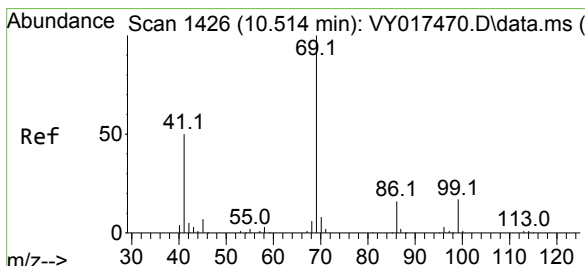
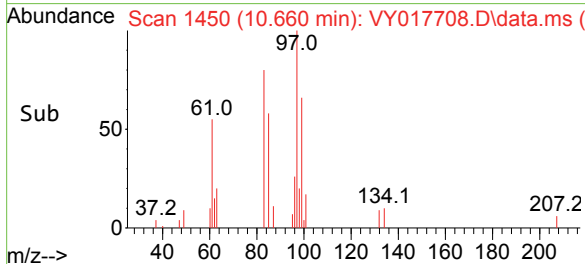
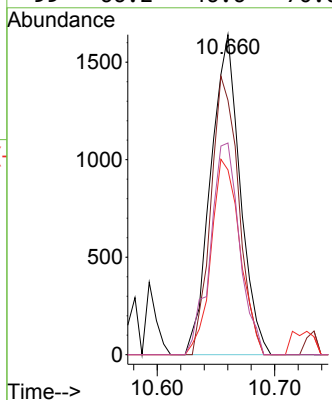
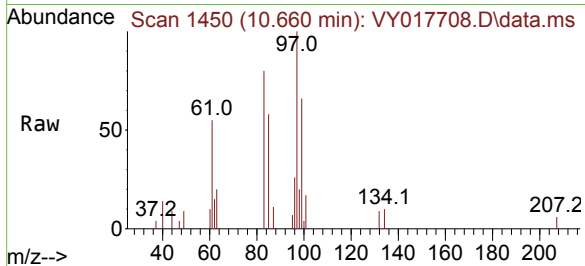




#55
1,1,2-Trichloroethane
Concen: 2.417 ug/l
RT: 10.660 min Scan# 1448
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

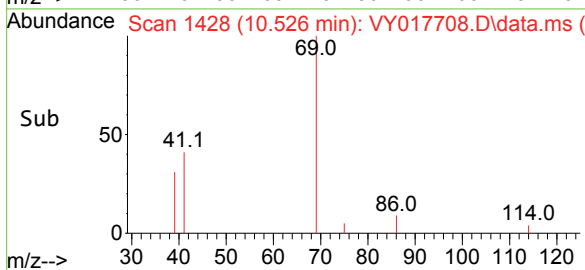
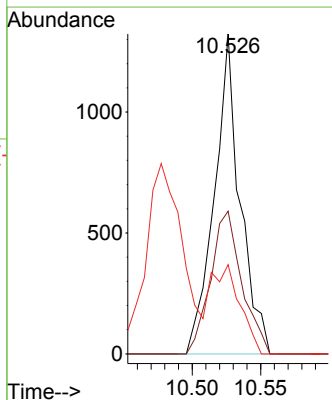
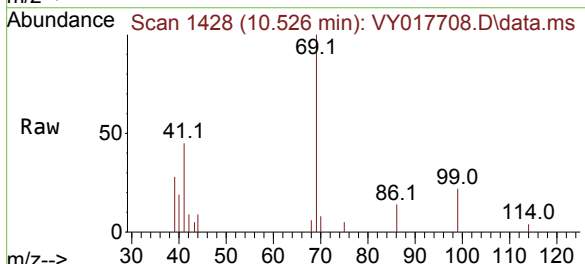
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion:	97	Resp:	2851
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.5	101.3
85	57.8	42.9	64.3
99	66.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 1.303 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion:	69	Resp:	1724
Ion	Ratio	Lower	Upper
69	100		
41	54.2	42.3	63.5
39	31.4	22.9	34.3

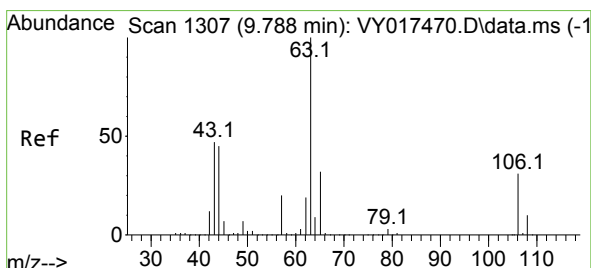
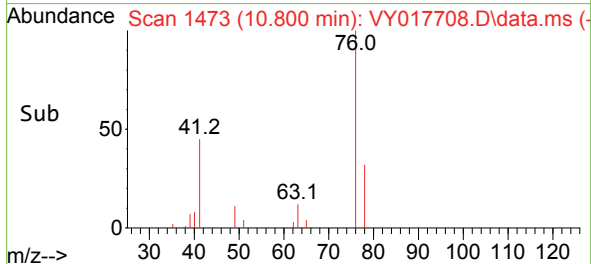
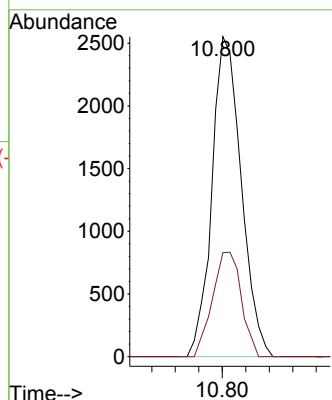
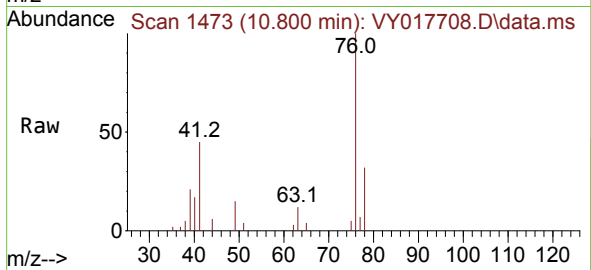




#57
1,3-Dichloropropane
Concen: 2.303 ug/l
RT: 10.800 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

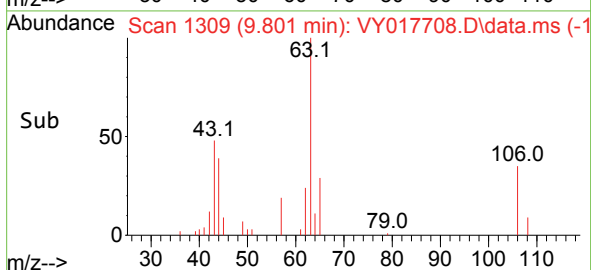
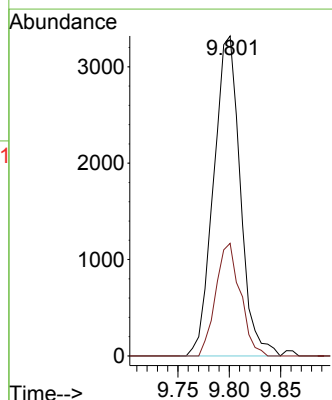
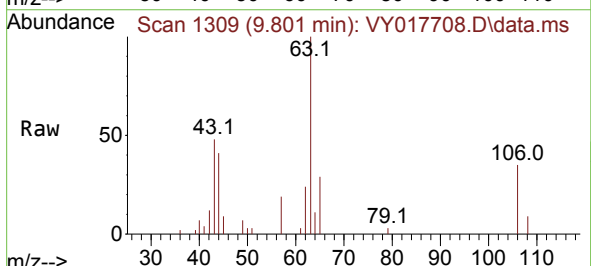
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

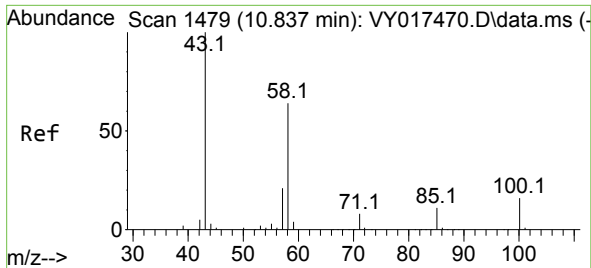
Tgt Ion: 76 Resp: 4418
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 8.774 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 63 Resp: 5973
Ion Ratio Lower Upper
63 100
106 32.5 23.7 35.5

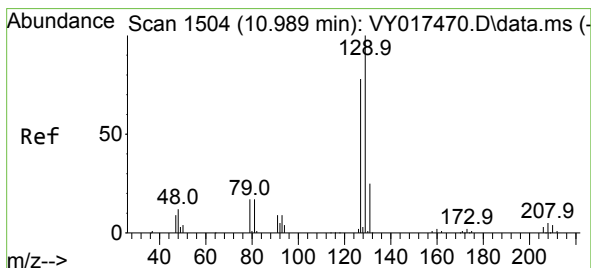
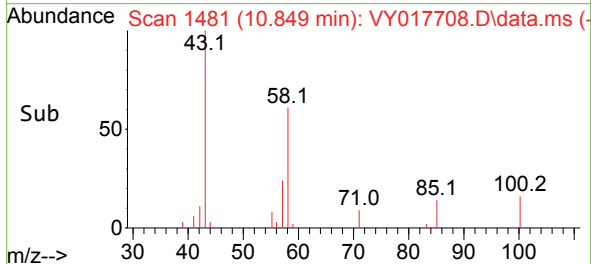
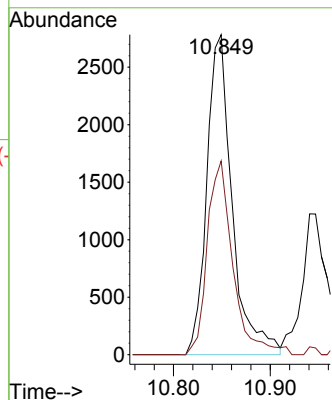
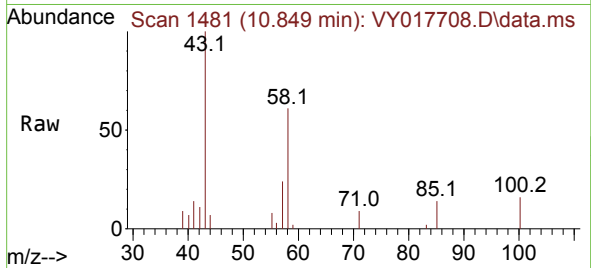




#59
2-Hexanone
Concen: 9.292 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

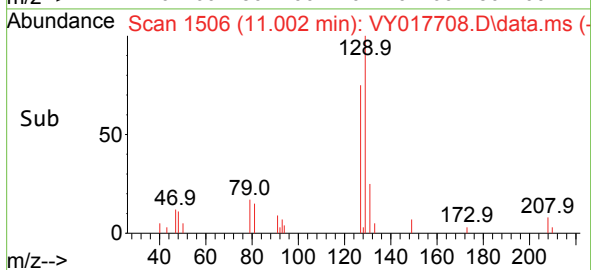
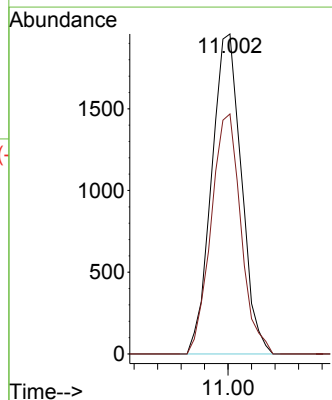
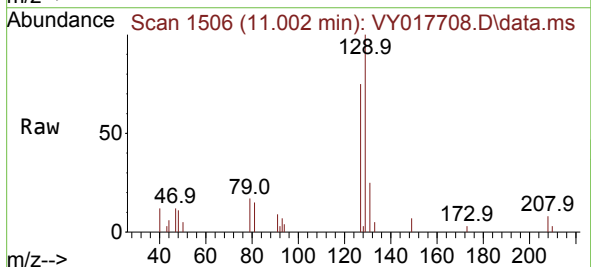
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 5073
Ion Ratio Lower Upper
43 100
58 61.3 31.4 94.0



#60
Dibromochloromethane
Concen: 2.471 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 129 Resp: 3448
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0

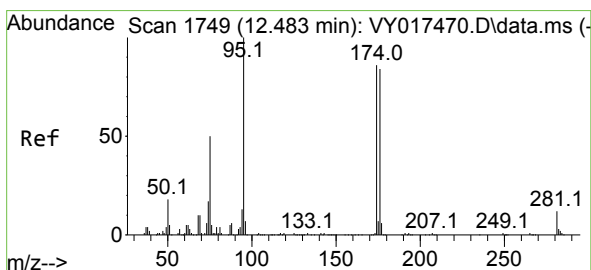
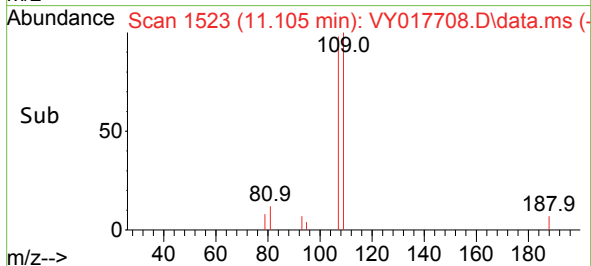
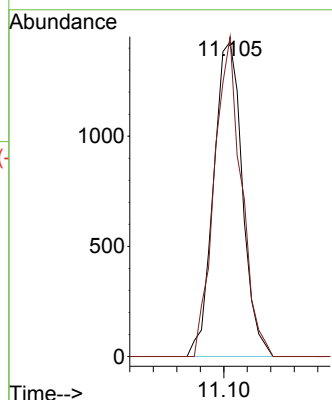
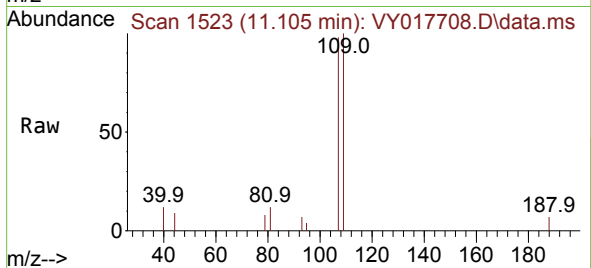




#61
1,2-Dibromoethane
Concen: 2.236 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

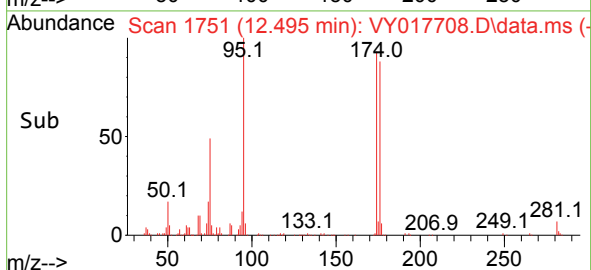
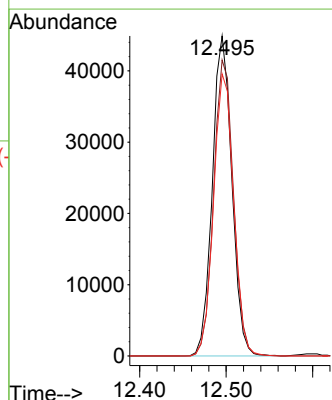
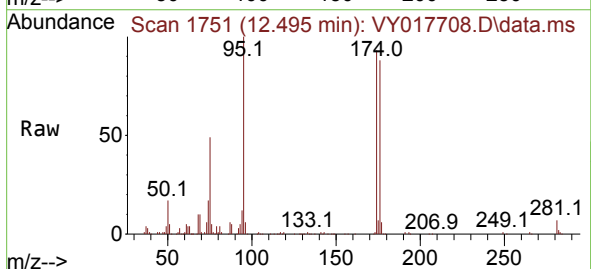
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

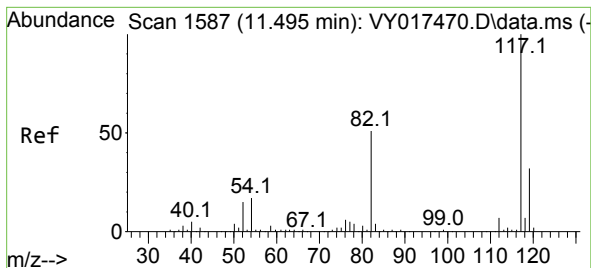
Tgt Ion:107 Resp: 2431
Ion Ratio Lower Upper
107 100
109 95.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.971 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 95 Resp: 70237
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 90.7 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: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

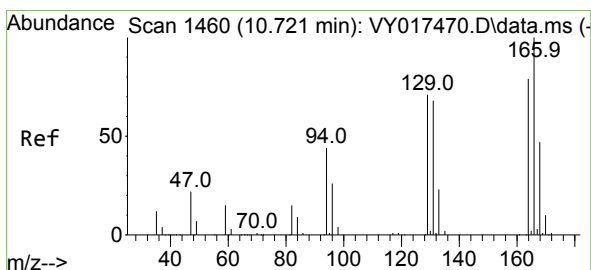
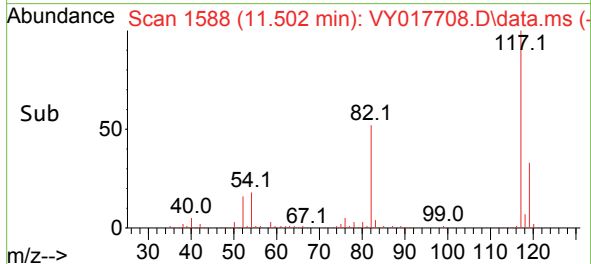
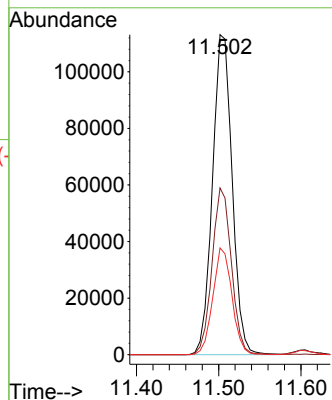
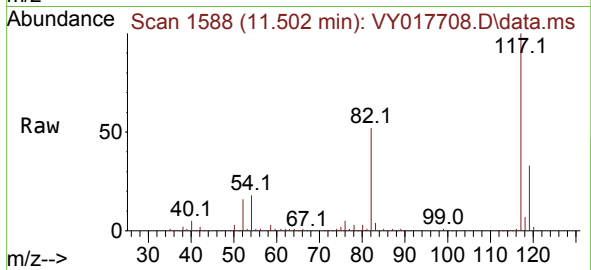
Tgt Ion:117 Resp: 187879

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 33.3 25.9 38.9



#64

Tetrachloroethene

Concen: 2.454 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Tgt Ion:164 Resp: 4425

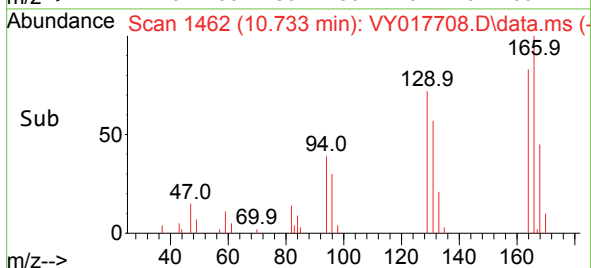
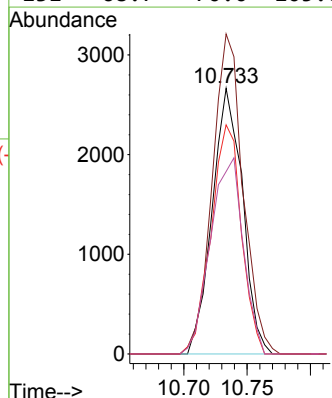
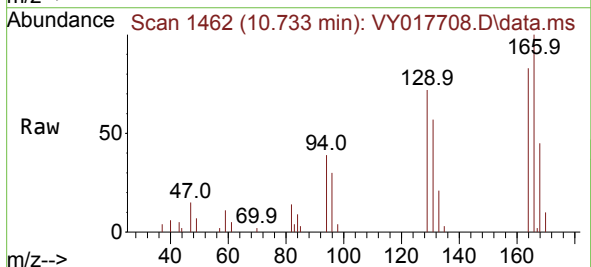
Ion Ratio Lower Upper

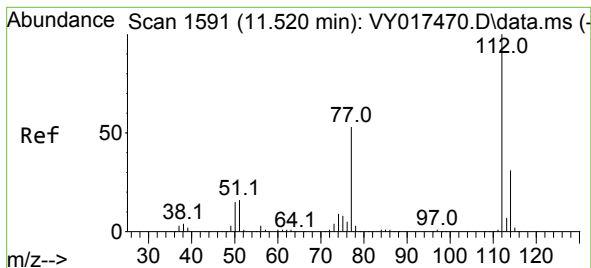
164 100

166 120.4 102.6 154.0

129 86.3 72.0 108.0

131 68.7 70.0 105.0#

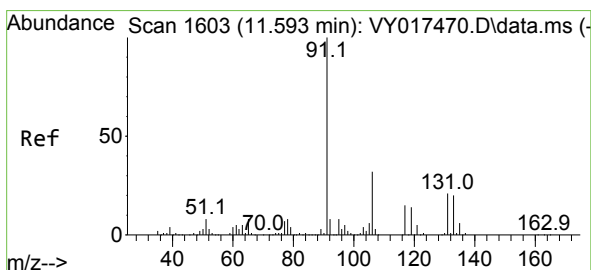
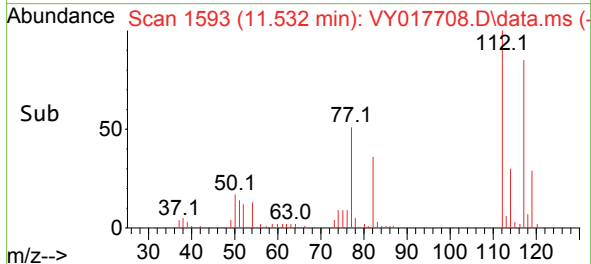
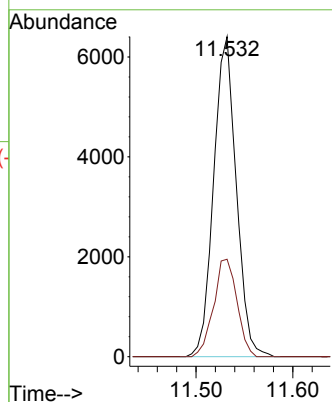
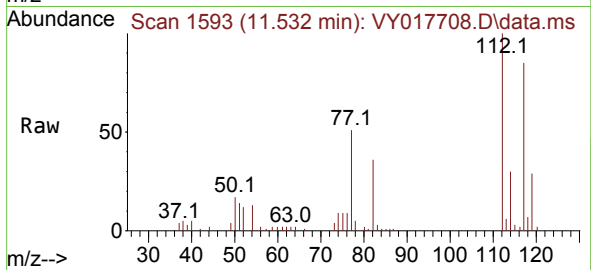




#65
Chlorobenzene
Concen: 2.605 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

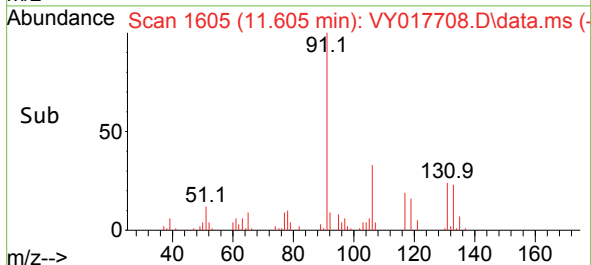
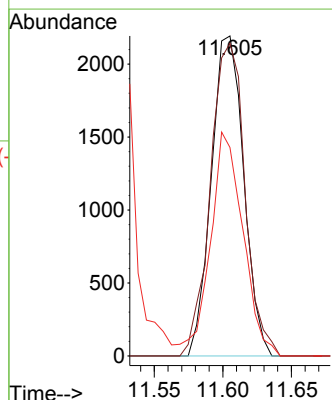
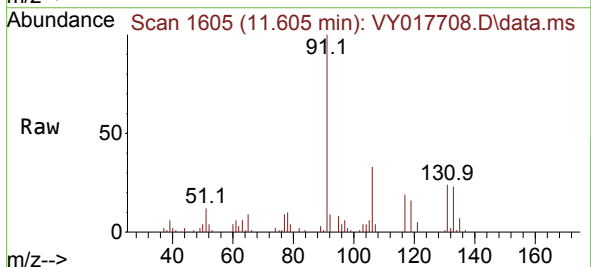
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

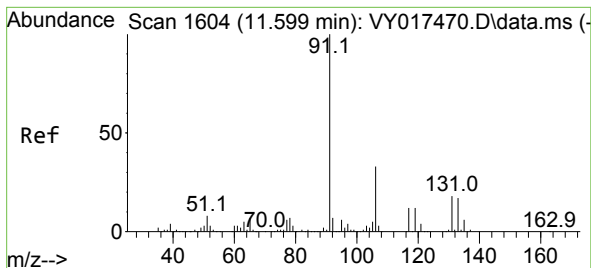
Tgt Ion:112 Resp: 10390
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.410 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion:131 Resp: 3601
Ion Ratio Lower Upper
131 100
133 104.2 47.8 143.3
119 70.1 34.1 102.2





#67

Ethyl Benzene

Concen: 2.198 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

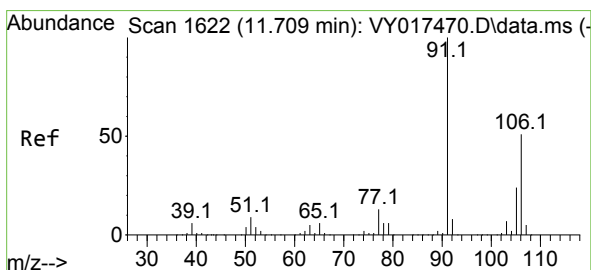
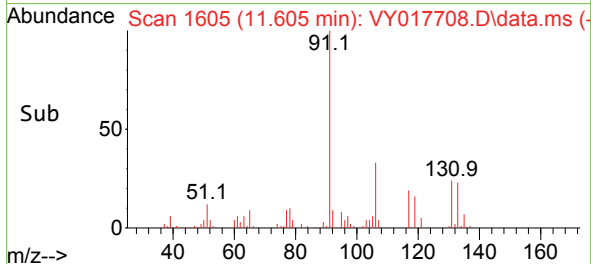
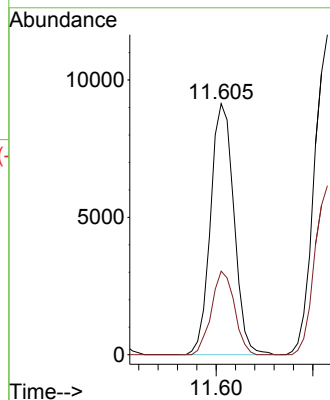
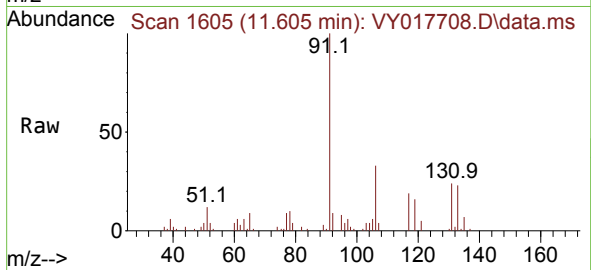
MDL01

Tgt Ion: 91 Resp: 15373

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 4.127 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017708.D

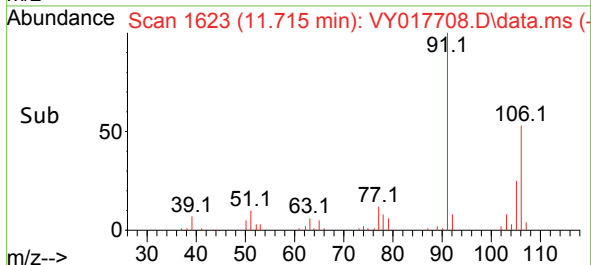
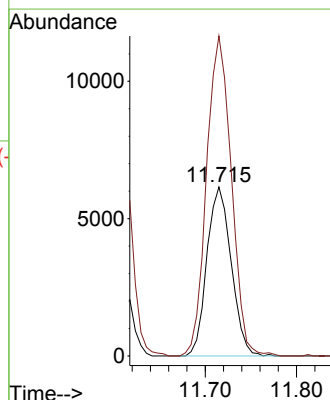
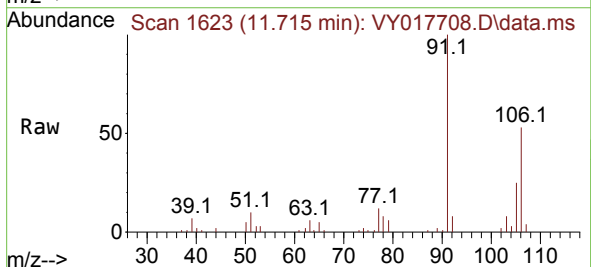
Acq: 19 Mar 2024 13:29

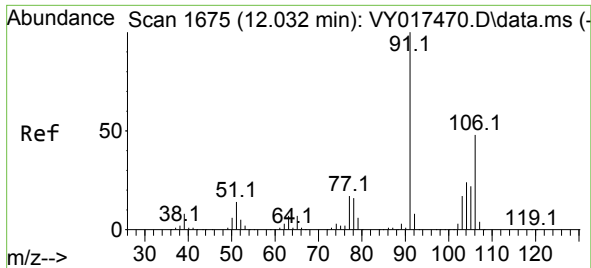
Tgt Ion:106 Resp: 11341

Ion Ratio Lower Upper

106 100

91 193.5 156.0 234.0

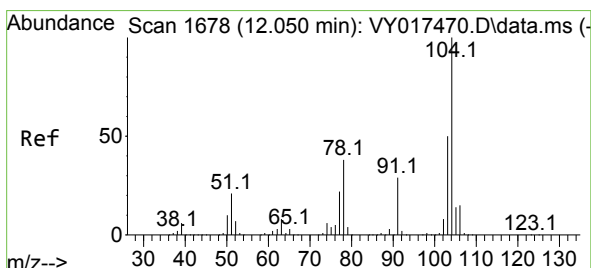
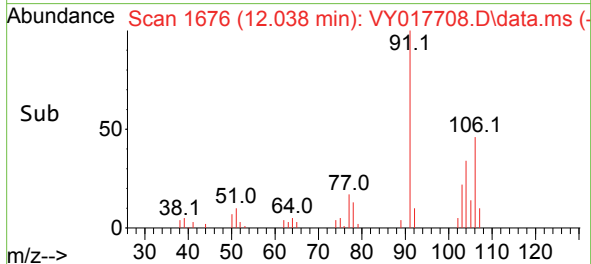
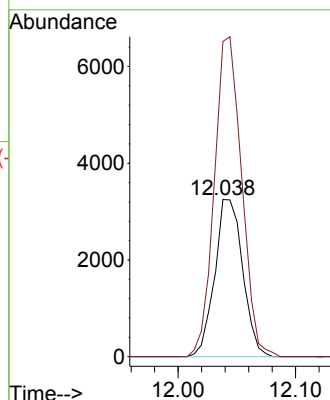
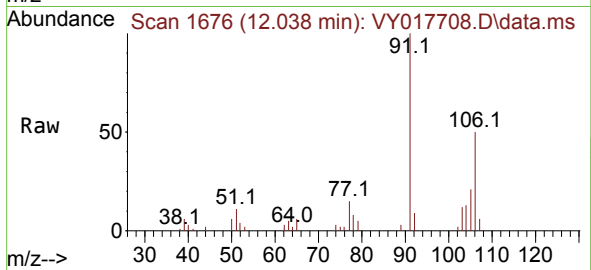




#69
o-Xylene
Concen: 2.108 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

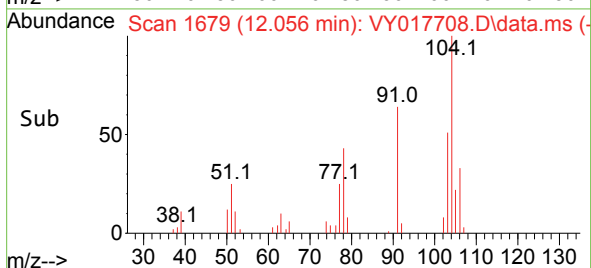
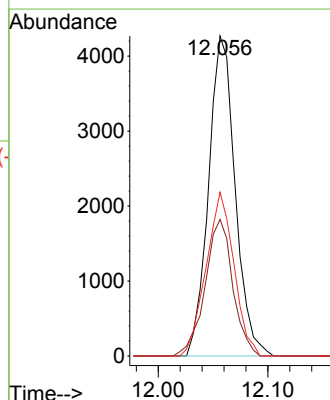
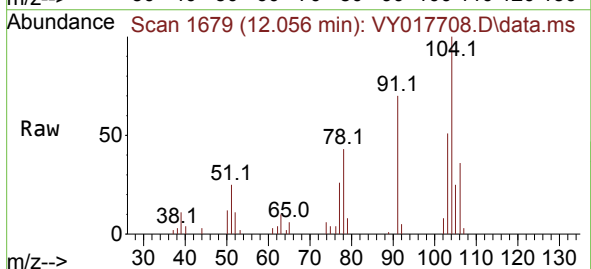
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

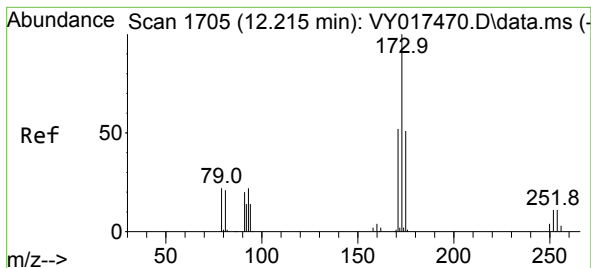
Tgt Ion:106 Resp: 5374
Ion Ratio Lower Upper
106 100
91 199.1 103.6 310.8



#70
Styrene
Concen: 1.703 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion:104 Resp: 7205
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 53.5 44.2 66.2





#71

Bromoform

Concen: 2.402 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

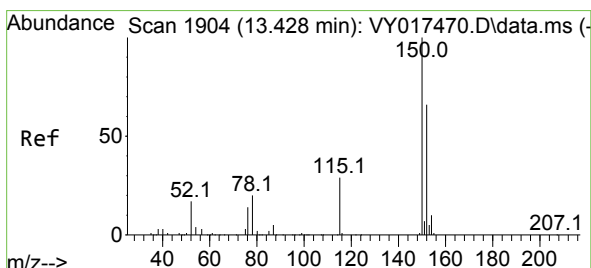
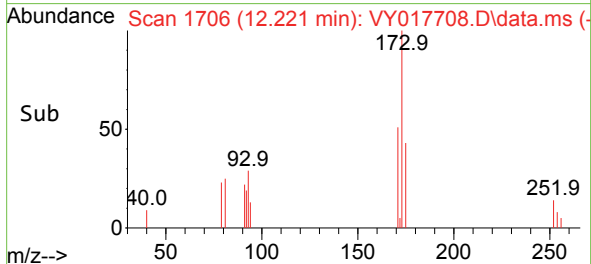
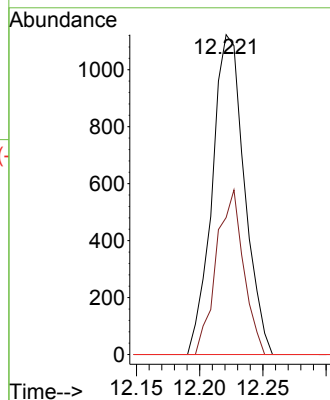
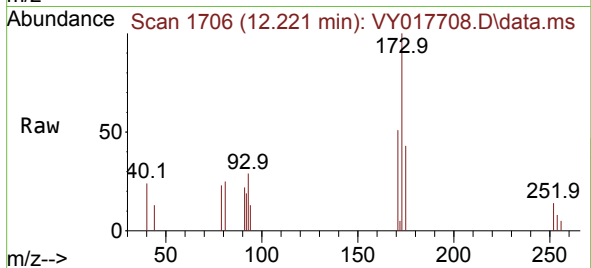
Tgt Ion:173 Resp: 1989

Ion Ratio Lower Upper

173 100

175 43.5 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: VY017708.D

Acq: 19 Mar 2024 13:29

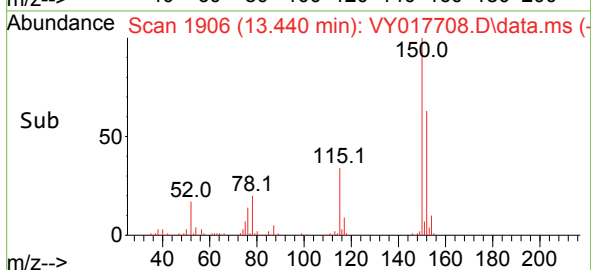
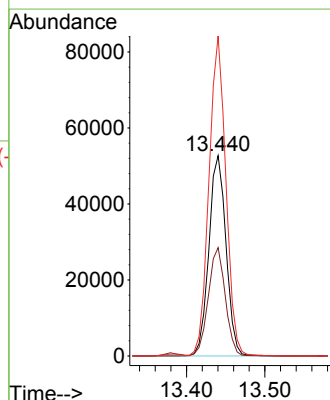
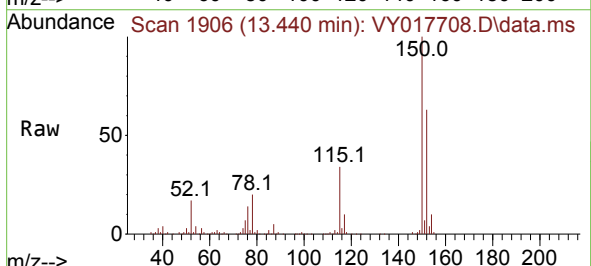
Tgt Ion:152 Resp: 80110

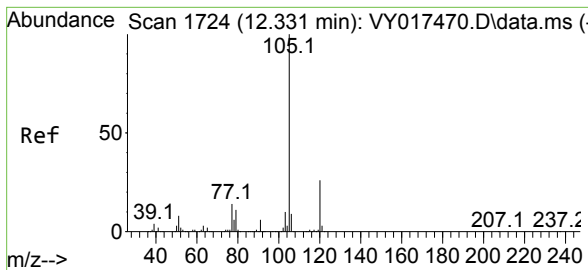
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 157.2 0.0 345.6





#73

Isopropylbenzene

Concen: 2.287 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

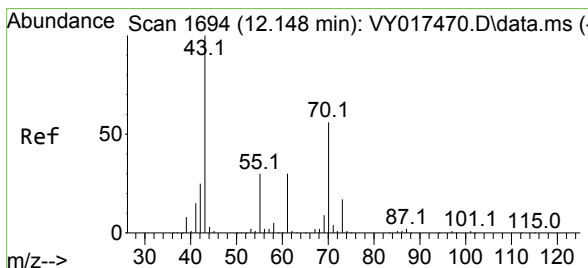
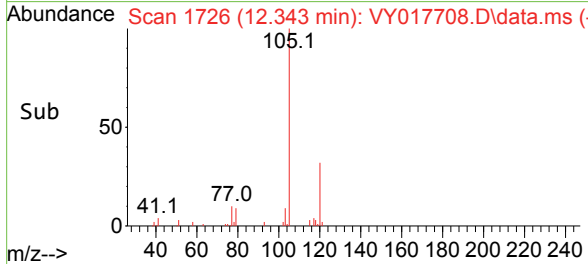
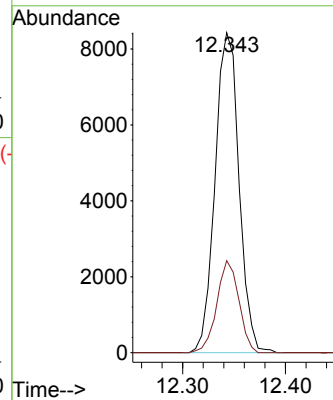
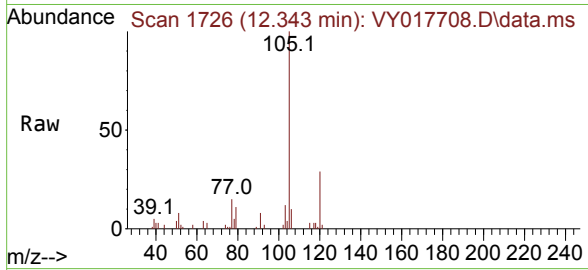
MDL01

Tgt Ion:105 Resp: 13612

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 1.950 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Tgt Ion: 43 Resp: 2047

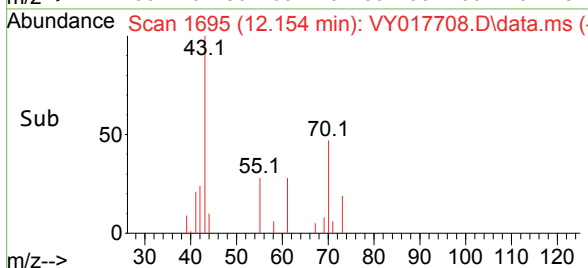
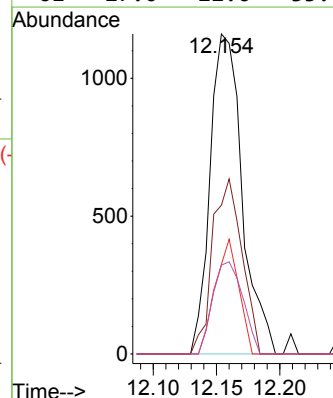
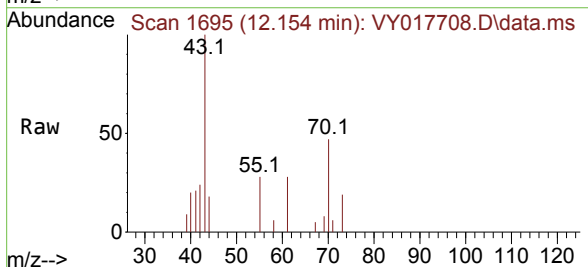
Ion Ratio Lower Upper

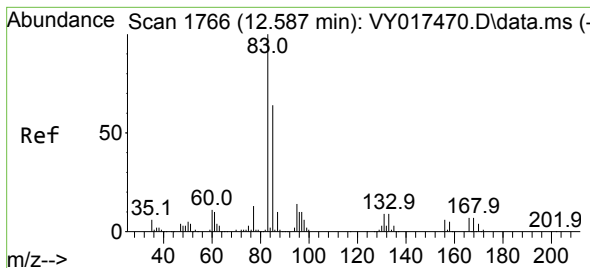
43 100

70 50.3 41.4 62.2

55 26.3 23.3 34.9

61 27.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.759 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

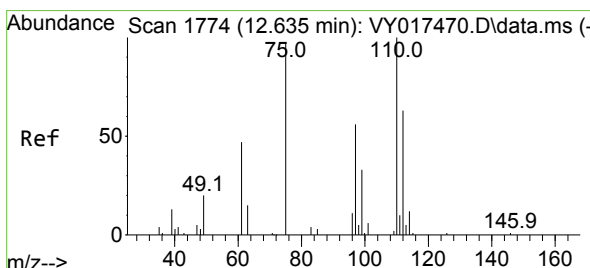
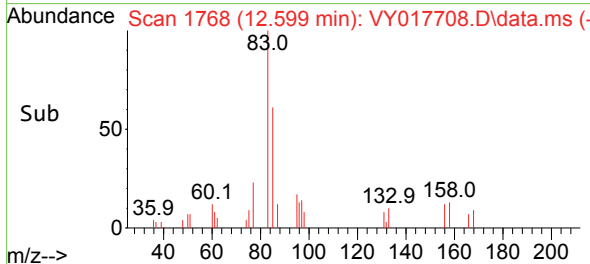
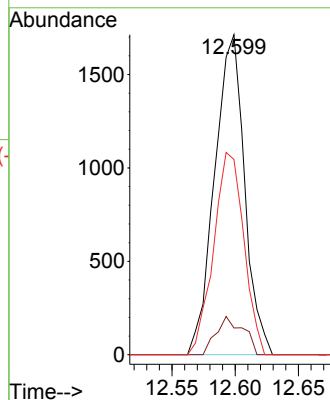
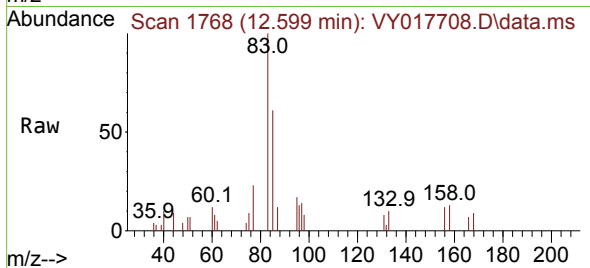
Tgt Ion: 83 Resp: 2820

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.334 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017708.D

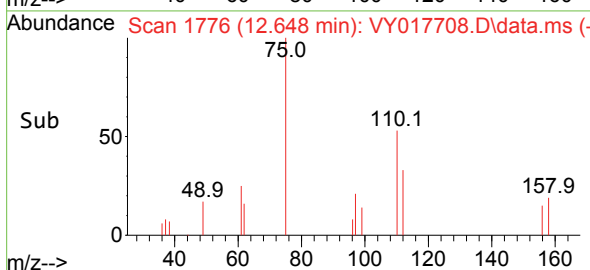
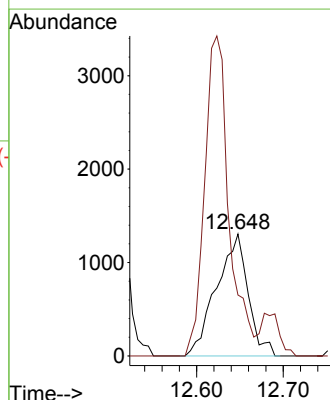
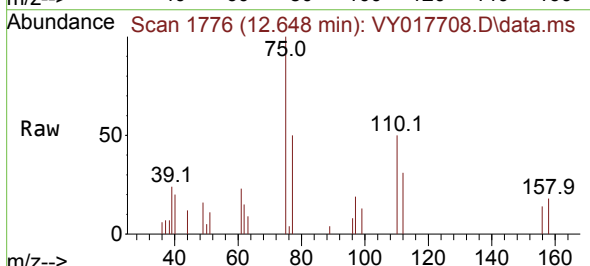
Acq: 19 Mar 2024 13:29

Tgt Ion: 75 Resp: 3299

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.802 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

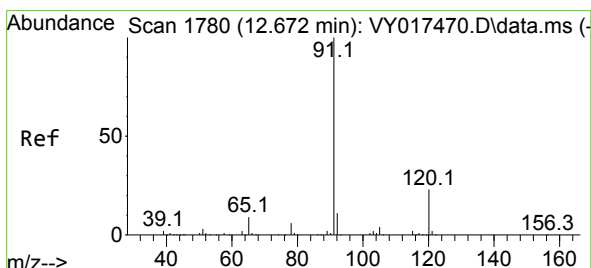
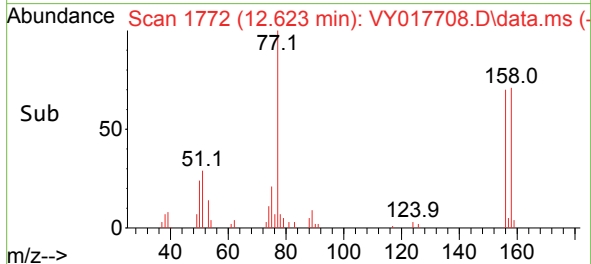
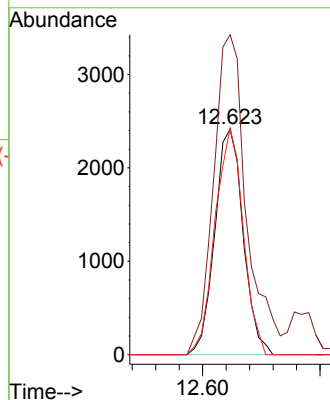
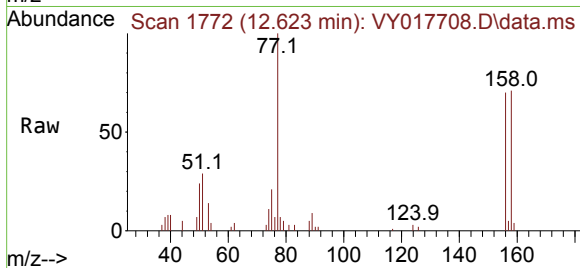
Tgt Ion:156 Resp: 4039

Ion Ratio Lower Upper

156 100

77 165.2 87.1 261.3

158 100.2 48.6 145.9



#78

n-propylbenzene

Concen: 2.389 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017708.D

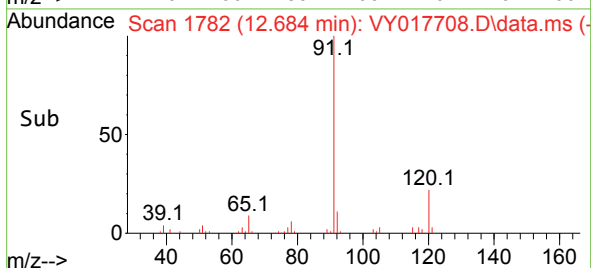
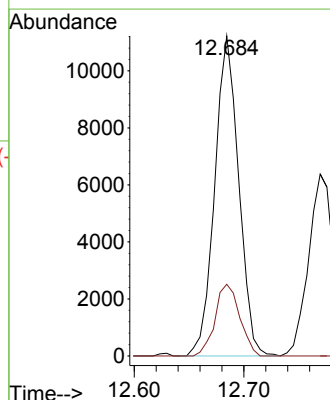
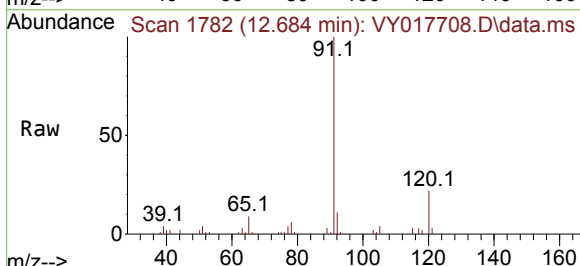
Acq: 19 Mar 2024 13:29

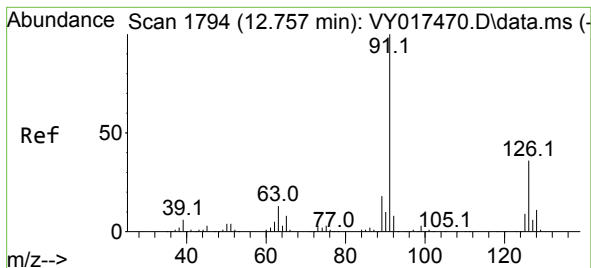
Tgt Ion: 91 Resp: 17064

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.559 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

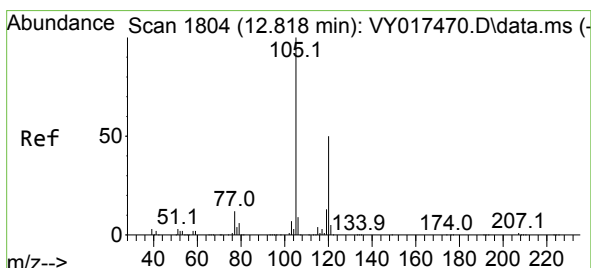
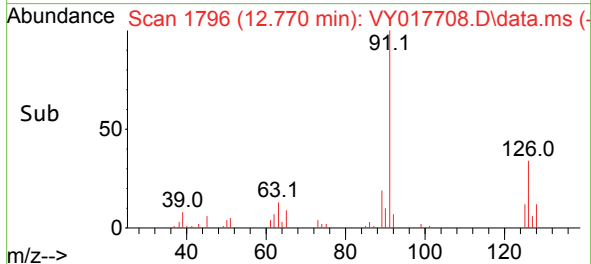
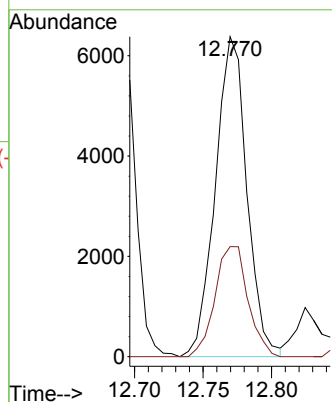
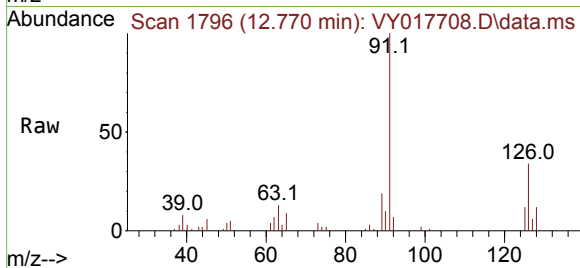
MDL01

Tgt Ion: 91 Resp: 10230

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 2.317 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017708.D

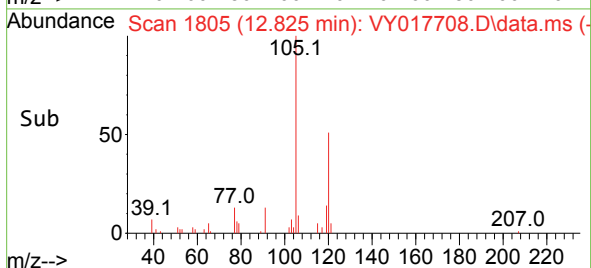
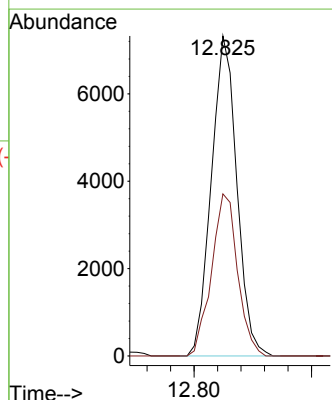
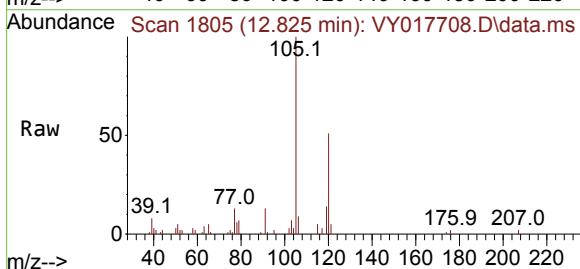
Acq: 19 Mar 2024 13:29

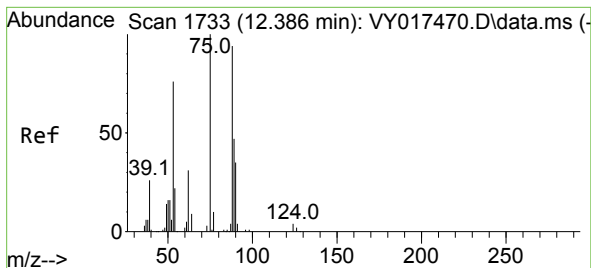
Tgt Ion:105 Resp: 11047

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.2

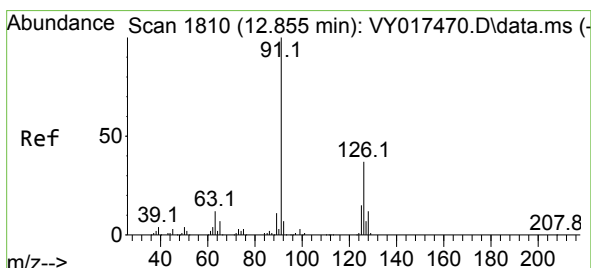
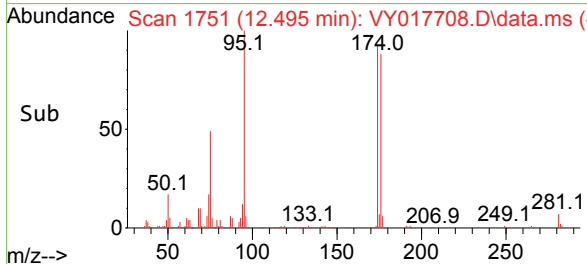
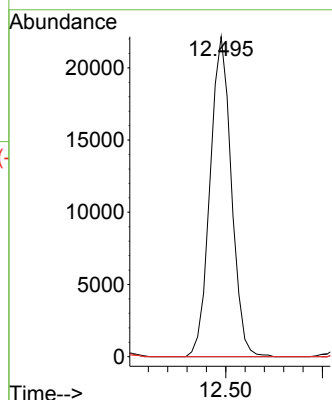
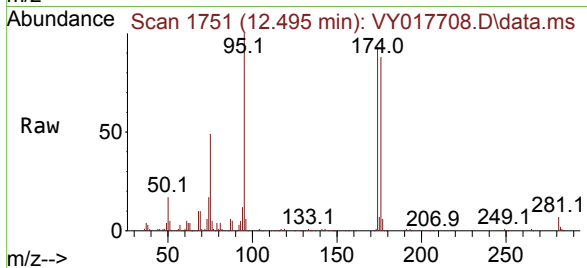




#81
trans-1,4-Dichloro-2-butene
Concen: 102.420 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

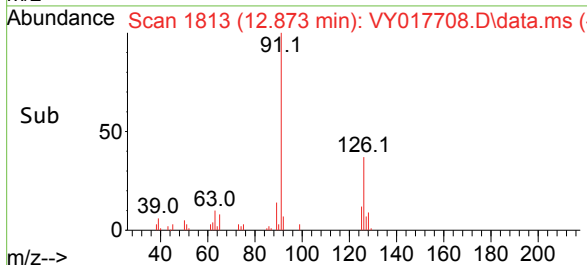
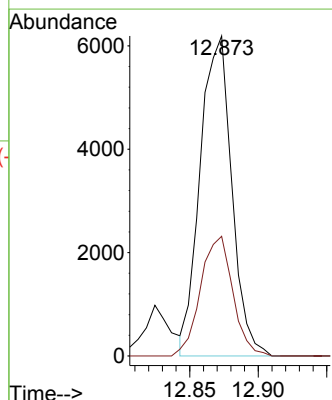
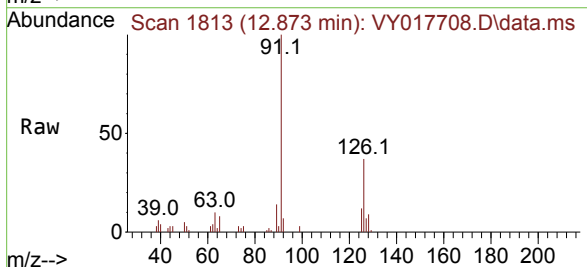
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

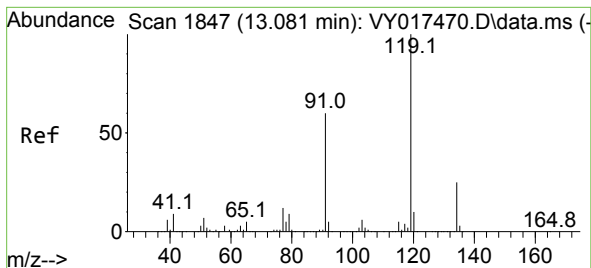
Tgt Ion: 75 Resp: 33928
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.422 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.018 min
Lab File: VY017708.D
Acq: 19 Mar 2024 13:29

Tgt Ion: 91 Resp: 9904
Ion Ratio Lower Upper
91 100
126 38.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.254 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

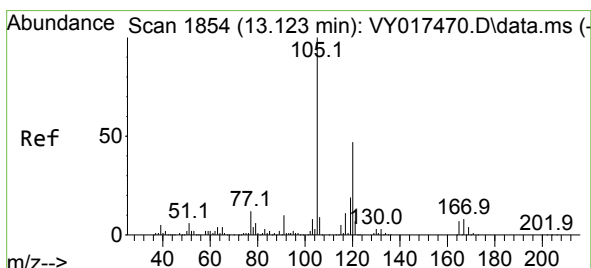
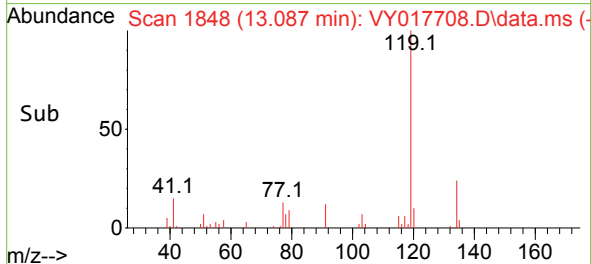
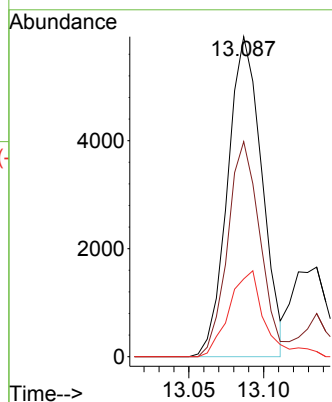
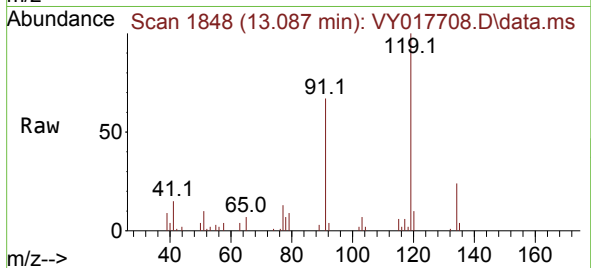
Tgt Ion:119 Resp: 9436

Ion Ratio Lower Upper

119 100

91 64.3 31.3 93.8

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.159 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017708.D

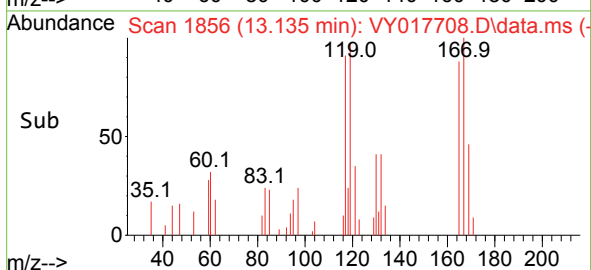
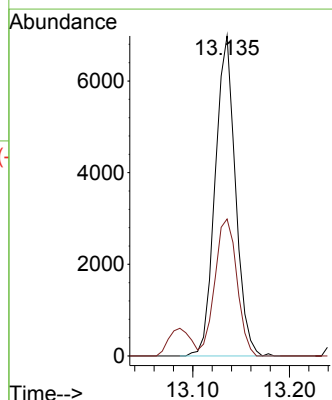
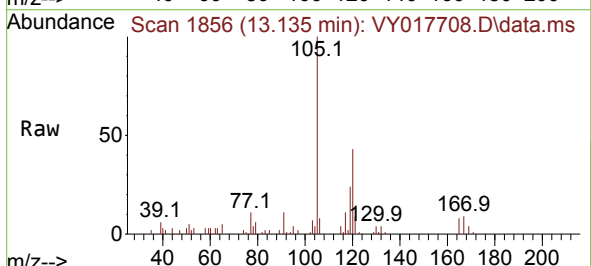
Acq: 19 Mar 2024 13:29

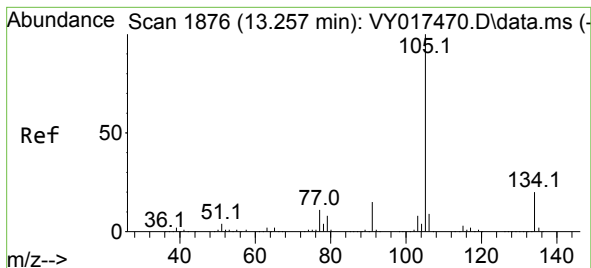
Tgt Ion:105 Resp: 10165

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.168 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

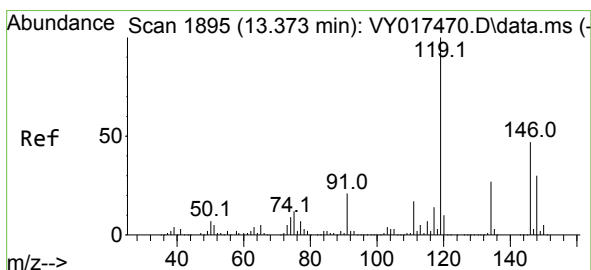
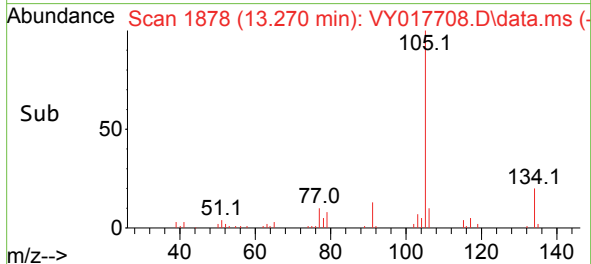
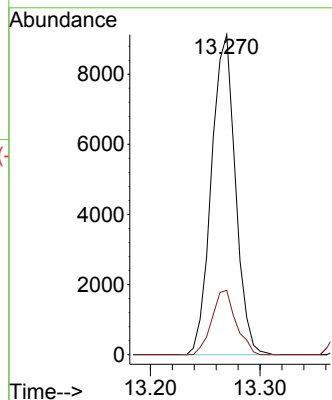
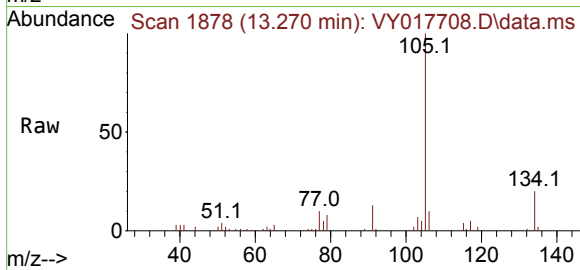
MDL01

Tgt Ion:105 Resp: 13876

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.108 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

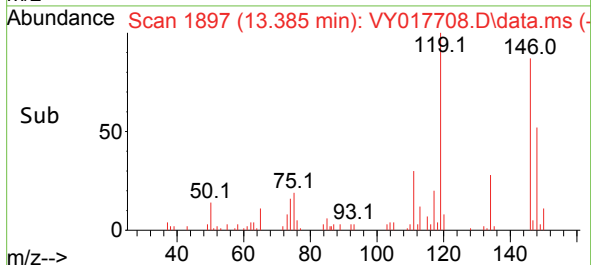
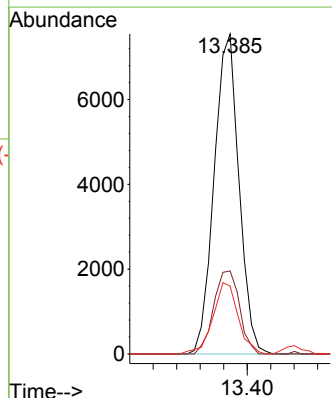
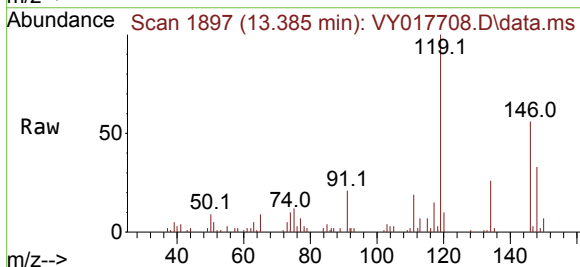
Tgt Ion:119 Resp: 11049

Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.529 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

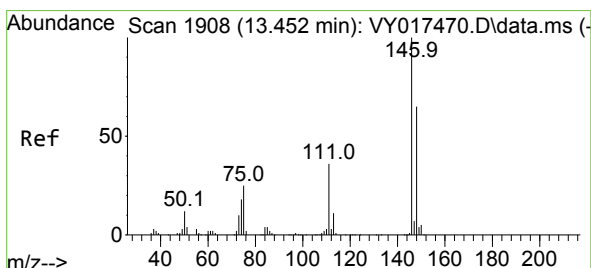
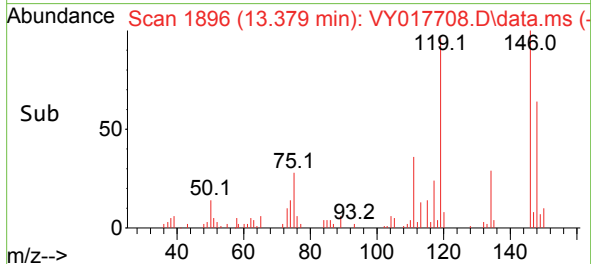
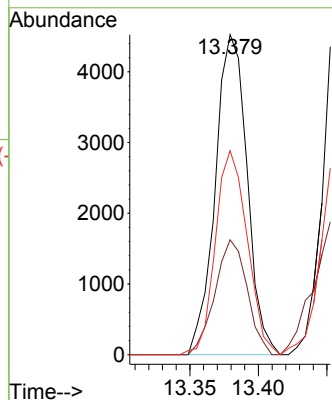
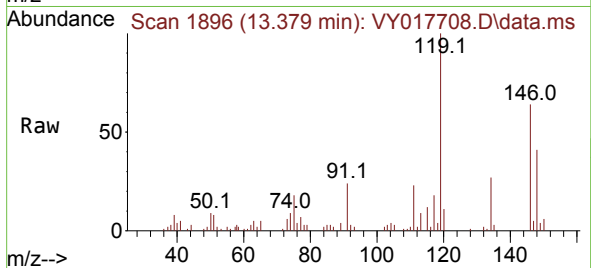
Tgt Ion:146 Resp: 7316

Ion Ratio Lower Upper

146 100

111 36.2 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.856 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

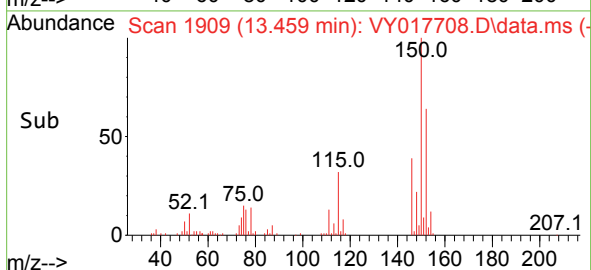
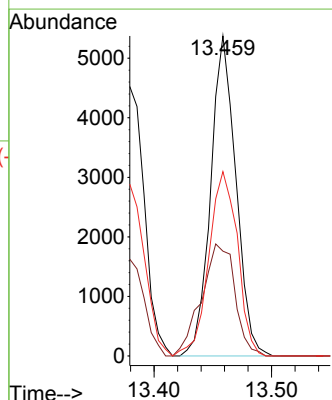
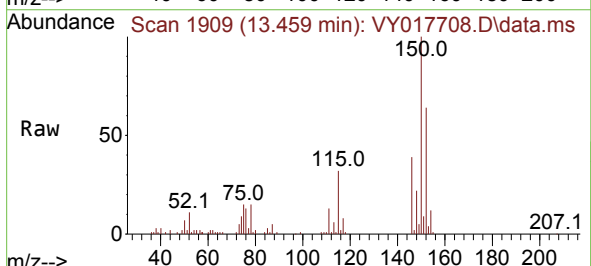
Tgt Ion:146 Resp: 8032

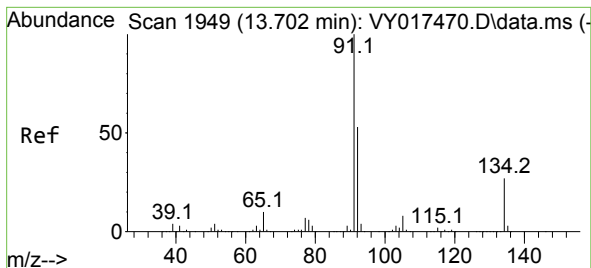
Ion Ratio Lower Upper

146 100

111 46.3 18.4 55.4

148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 2.234 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

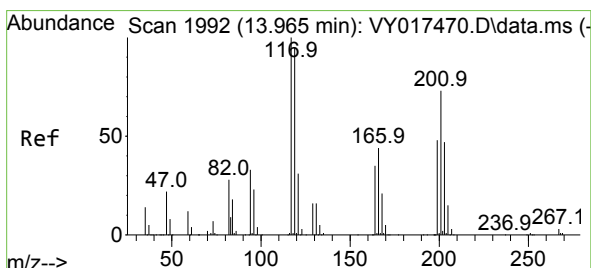
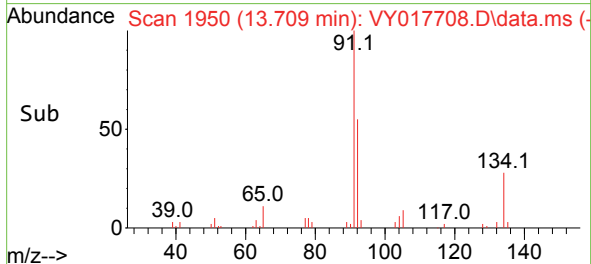
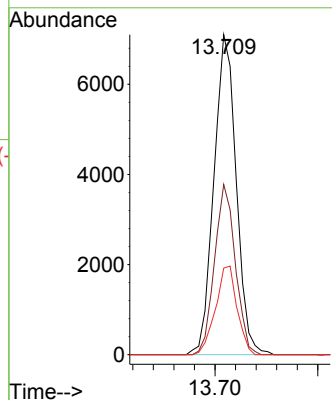
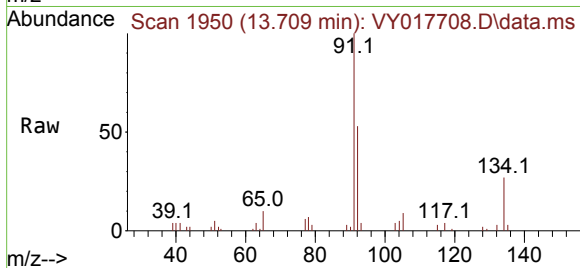
Tgt Ion: 91 Resp: 10681

Ion Ratio Lower Upper

91 100

92 49.7 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 2.727 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017708.D

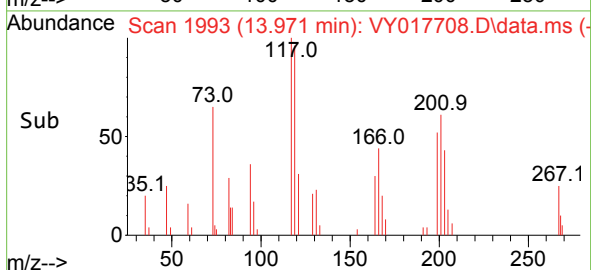
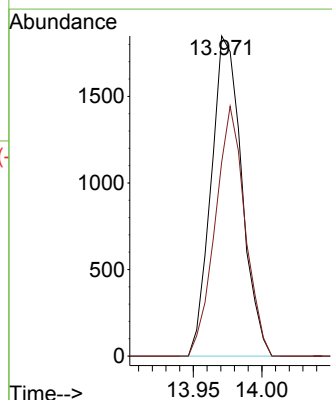
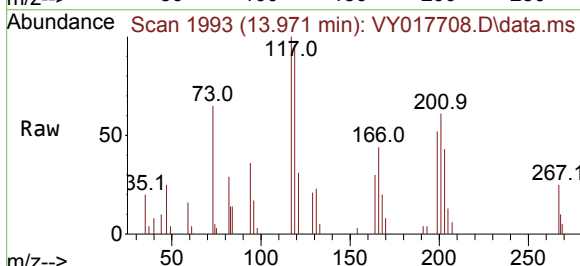
Acq: 19 Mar 2024 13:29

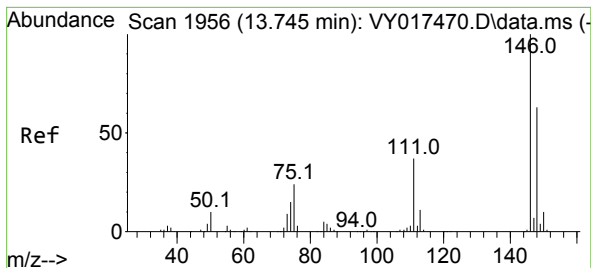
Tgt Ion: 117 Resp: 2865

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.534 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

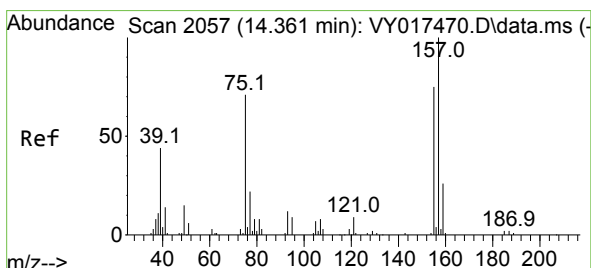
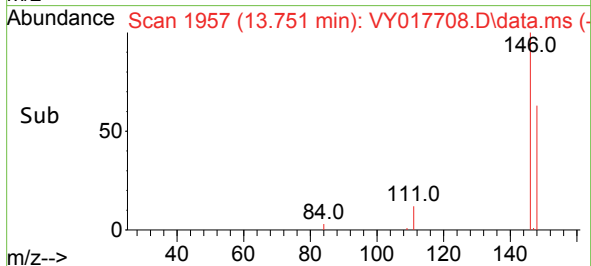
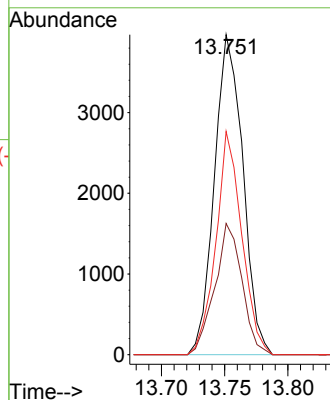
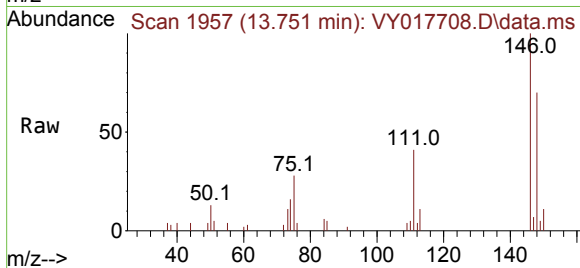
Tgt Ion:146 Resp: 6202

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.450 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

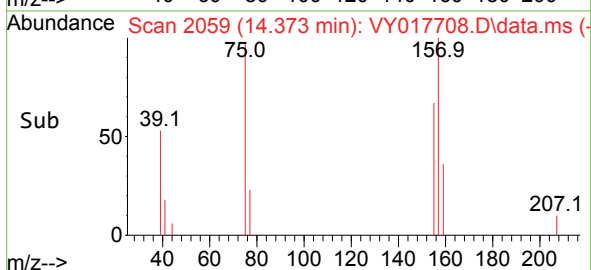
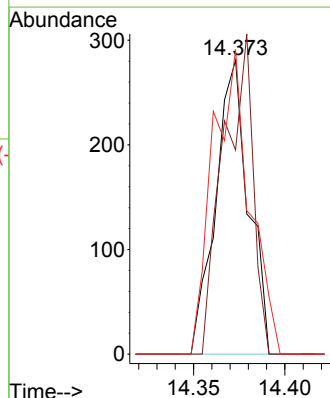
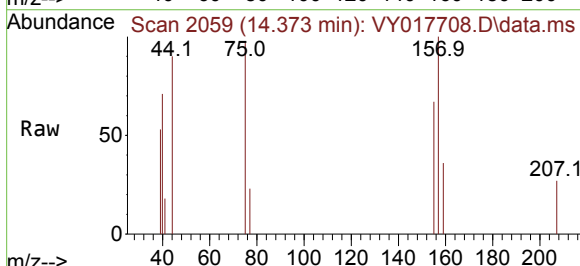
Tgt Ion: 75 Resp: 352

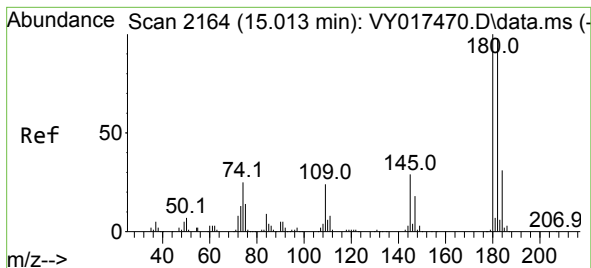
Ion Ratio Lower Upper

75 100

155 97.2 48.6 145.8

157 116.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.204 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

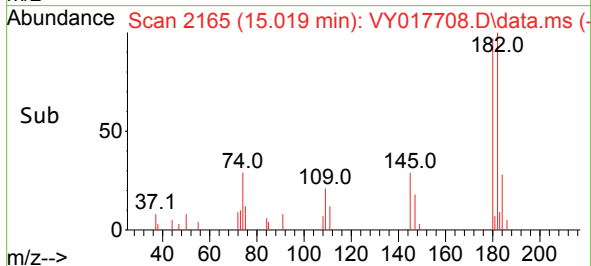
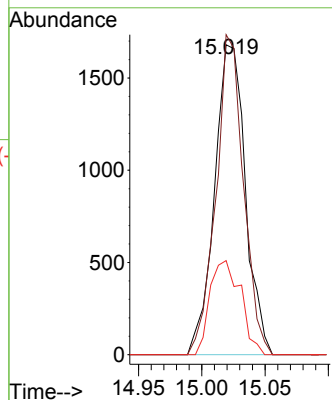
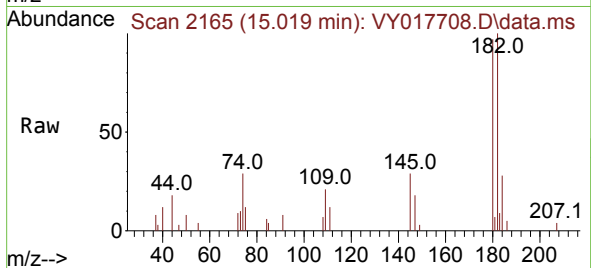
Tgt Ion:180 Resp: 2849

Ion Ratio Lower Upper

180 100

182 92.1 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.708 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

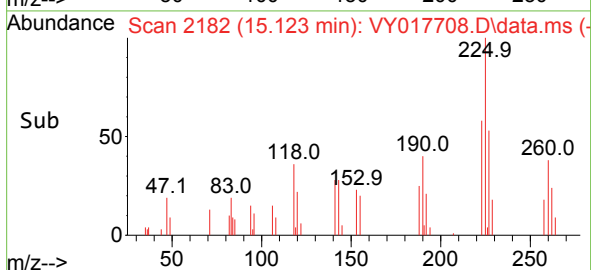
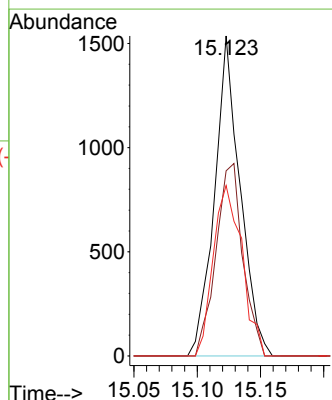
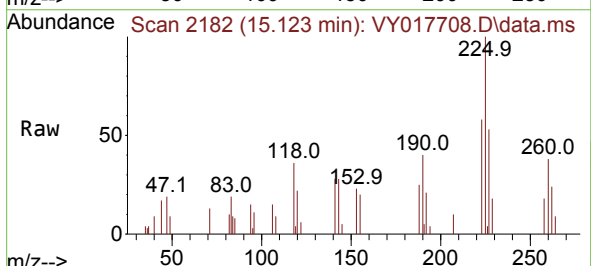
Tgt Ion:225 Resp: 2161

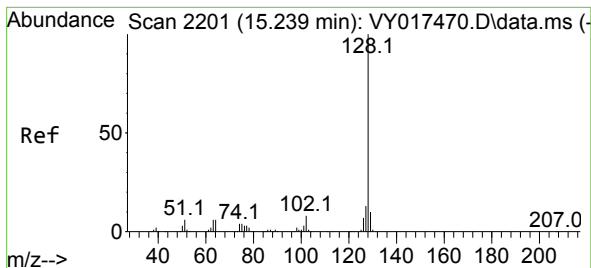
Ion Ratio Lower Upper

225 100

223 63.4 30.4 91.2

227 59.6 31.9 95.9





#95

Naphthalene

Concen: 1.826 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

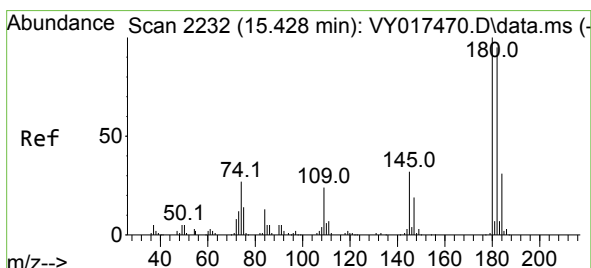
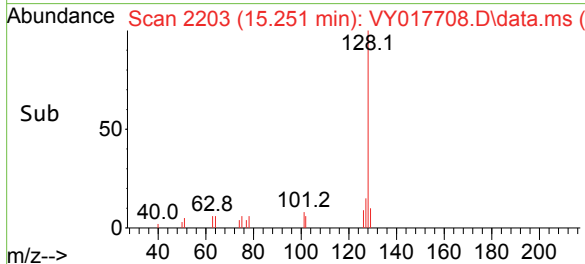
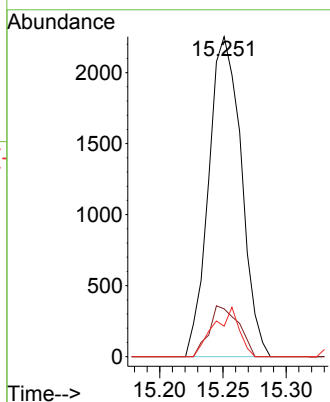
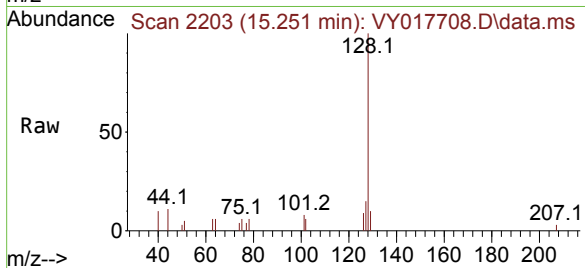
Tgt Ion:128 Resp: 4036

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 11.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.262 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017708.D

Acq: 19 Mar 2024 13:29

Tgt Ion:180 Resp: 2508

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 29.5 15.4 46.1

