

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017709.D
 Acq On : 19 Mar 2024 13:52
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Quant Time: Mar 20 04:14:55 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	132377	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	216992	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	189637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82735	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57940	46.183	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.740	113	67175	44.426	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.860%
50) Toluene-d8	10.197	98	250484	47.380	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.495	95	71217	42.863	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	1857	1.902	ug/l	88
3) Chloromethane	2.125	50	3084	1.729	ug/l	95
4) Vinyl Chloride	2.265	62	4183	1.828	ug/l	95
5) Bromomethane	2.674	94	4092	2.194	ug/l	93
6) Chloroethane	2.808	64	2643	1.830	ug/l	90
7) Trichlorofluoromethane	3.143	101	4495	1.927	ug/l	90
8) Diethyl Ether	3.552	74	1461	2.135	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.924	101	3080	2.295	ug/l	97
10) Methyl Iodide	4.113	142	2626	1.744	ug/l #	95
11) Tert butyl alcohol	4.966	59	1547	14.516	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	2472	1.977	ug/l	92
13) Acrolein	3.747	56	1151	8.186	ug/l	98
14) Allyl chloride	4.509	41	2820	1.866	ug/l	98
15) Acrylonitrile	5.198	53	3011	10.705	ug/l	92
16) Acetone	3.966	43	4205	17.281	ug/l	92
17) Carbon Disulfide	4.216	76	4971	1.324	ug/l #	89
18) Methyl Acetate	4.497	43	2220	3.760	ug/l #	46
19) Methyl tert-butyl Ether	5.247	73	6182	2.121	ug/l	93
20) Methylene Chloride	4.741	84	13540	7.772	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	2858	1.952	ug/l #	88
22) Diisopropyl ether	6.137	45	6618	1.898	ug/l #	88
23) Vinyl Acetate	6.088	43	15948	7.676	ug/l	98
24) 1,1-Dichloroethane	6.045	63	5559	2.334	ug/l	96
25) 2-Butanone	7.008	43	4408	12.711	ug/l	89
26) 2,2-Dichloropropane	7.002	77	4903	2.448	ug/l	90
27) cis-1,2-Dichloroethene	7.008	96	3542	2.155	ug/l	95
28) Bromochloromethane	7.362	49	1695	1.807	ug/l #	95
29) Tetrahydrofuran	7.362	42	2032	9.720	ug/l	97
30) Chloroform	7.527	83	6211	2.449	ug/l	100
31) Cyclohexane	7.807	56	5410	2.650	ug/l #	59
32) 1,1,1-Trichloroethane	7.728	97	4850	2.203	ug/l	97
36) 1,1-Dichloropropene	7.935	75	3967	1.945	ug/l	99
37) Ethyl Acetate	7.088	43	1737	2.156	ug/l #	89
38) Carbon Tetrachloride	7.917	117	4395	2.150	ug/l #	90
39) Methylcyclohexane	9.197	83	4083	1.665	ug/l	95
40) Benzene	8.179	78	12615	2.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	781	1.932	ug/l #	90
42) 1,2-Dichloroethane	8.258	62	3322	2.247	ug/l	100
43) Isopropyl Acetate	8.295	43	2744	1.938	ug/l #	77
44) Trichloroethene	8.959	130	3772	2.160	ug/l	87
45) 1,2-Dichloropropane	9.234	63	3303	2.291	ug/l	90
46) Dibromomethane	9.325	93	1775	2.152	ug/l	96
47) Bromodichloromethane	9.514	83	4390	2.192	ug/l	93
48) Methyl methacrylate	9.313	41	1441	2.199	ug/l	95
49) 1,4-Dioxane	9.313	88	279	29.885	ug/l #	31
51) 4-Methyl-2-Pentanone	10.087	43	7311	9.264	ug/l	97
52) Toluene	10.258	92	8126	2.128	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	3606	1.940	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	4394	1.945	ug/l #	92
55) 1,1,2-Trichloroethane	10.660	97	2747	2.345	ug/l	94
56) Ethyl methacrylate	10.520	69	1882	1.433	ug/l	95
57) 1,3-Dichloropropane	10.800	76	4128	2.168	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	6323	9.355	ug/l	97
59) 2-Hexanone	10.843	43	5092	9.394	ug/l	100
60) Dibromochloromethane	10.996	129	3089	2.229	ug/l	100
61) 1,2-Dibromoethane	11.099	107	2145	1.987	ug/l	97
64) Tetrachloroethene	10.733	164	3764	2.068	ug/l	97
65) Chlorobenzene	11.532	112	8852	2.199	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	3420	2.268	ug/l	98
67) Ethyl Benzene	11.605	91	13741	1.947	ug/l #	86
68) m/p-Xylenes	11.715	106	9558	3.446	ug/l	97
69) o-Xylene	12.044	106	4530	1.760	ug/l	93
70) Styrene	12.056	104	6070	1.421	ug/l	94
71) Bromoform	12.221	173	1811	2.167	ug/l #	100
73) Isopropylbenzene	12.343	105	11998	1.952	ug/l	98
74) N-amyl acetate	12.154	43	1866	1.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	2999	2.841	ug/l	93
76) 1,2,3-Trichloropropane	12.648	75	3534	4.496	ug/l #	100
77) Bromobenzene	12.617	156	3616	2.429	ug/l	94
78) n-propylbenzene	12.684	91	15433	2.093	ug/l	98
79) 2-Chlorotoluene	12.770	91	8923	2.161	ug/l	95
80) 1,3,5-Trimethylbenzene	12.825	105	9756	1.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.495	75	34701	101.430	ug/l #	16
82) 4-Chlorotoluene	12.867	91	8743	2.070	ug/l	94
83) tert-Butylbenzene	13.087	119	8914	2.061	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	8999	1.851	ug/l	100
85) sec-Butylbenzene	13.270	105	12386	1.873	ug/l	99
86) p-Isopropyltoluene	13.379	119	9575	1.769	ug/l	96
87) 1,3-Dichlorobenzene	13.379	146	6549	2.192	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	6692	2.304	ug/l	86
89) n-Butylbenzene	13.708	91	9492	1.922	ug/l	97
90) Hexachloroethane	13.977	117	2640	2.433	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	5643	2.233	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	269	1.813	ug/l	80
93) 1,2,4-Trichlorobenzene	15.025	180	2359	1.767	ug/l	93
94) Hexachlorobutadiene	15.129	225	2104	2.553	ug/l	91
95) Naphthalene	15.245	128	3361	1.473	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	2189	1.911	ug/l	97

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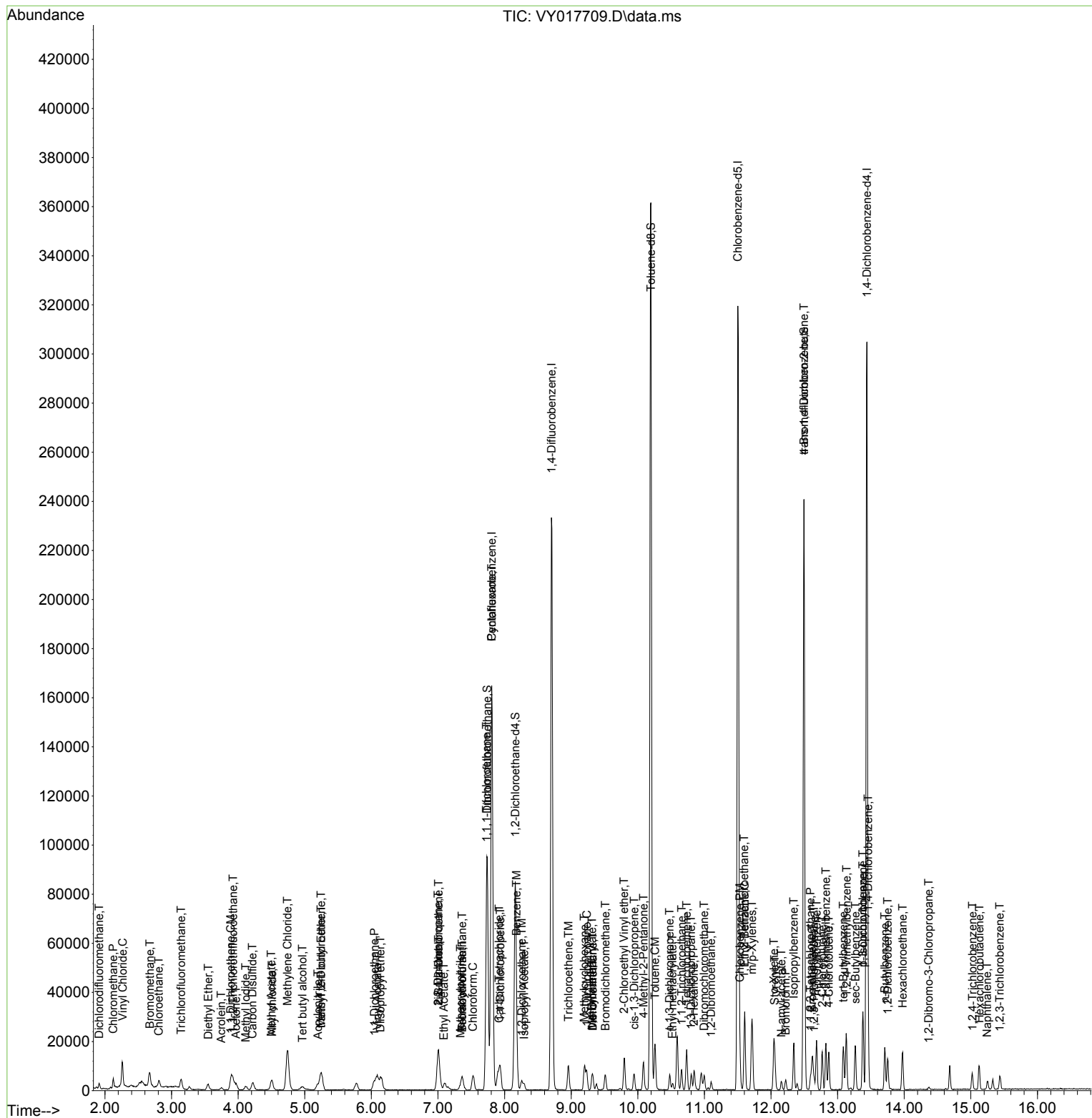
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

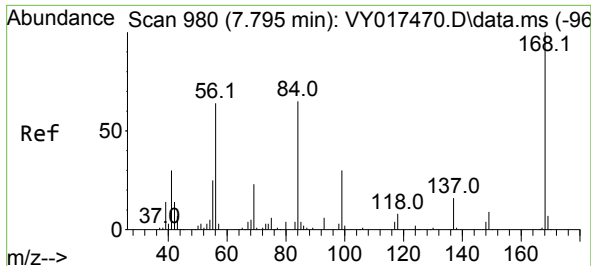
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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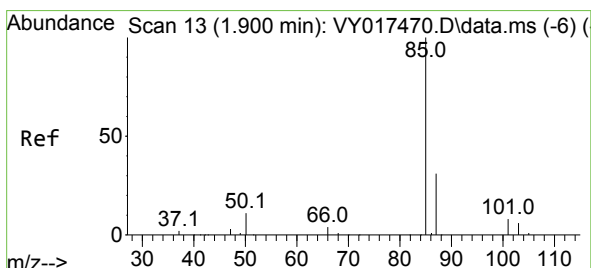
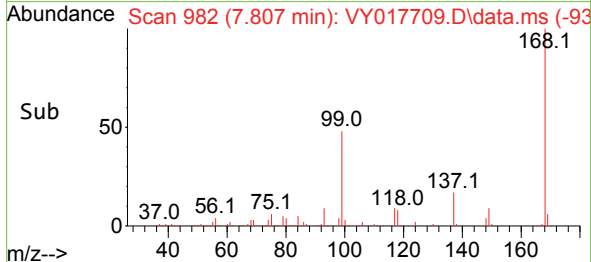
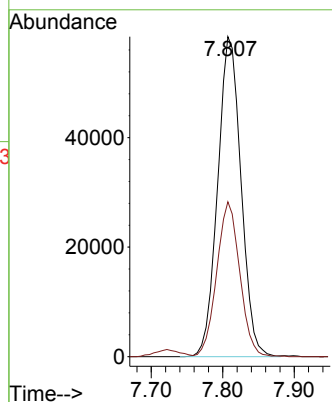
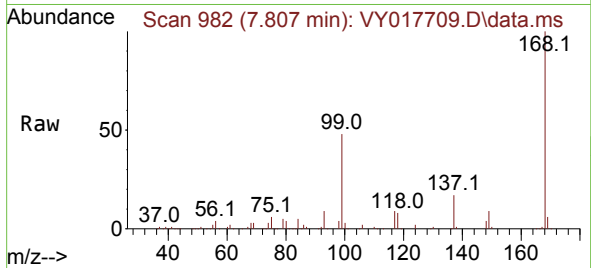




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY017709.D
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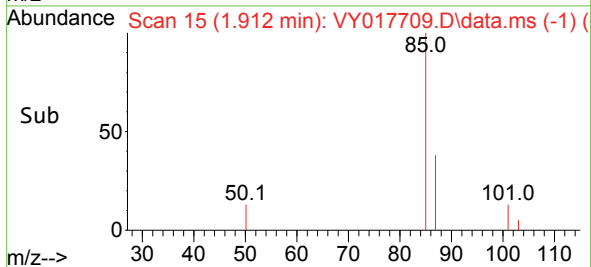
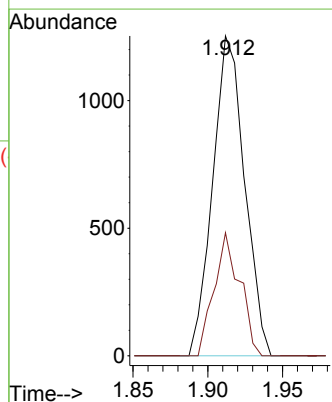
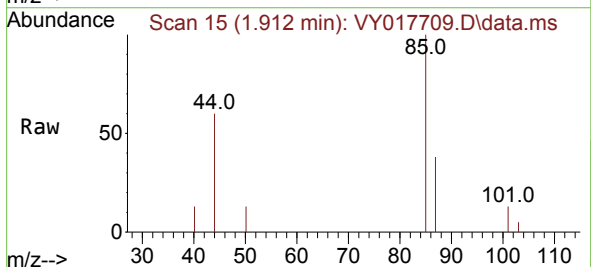
Instrument :
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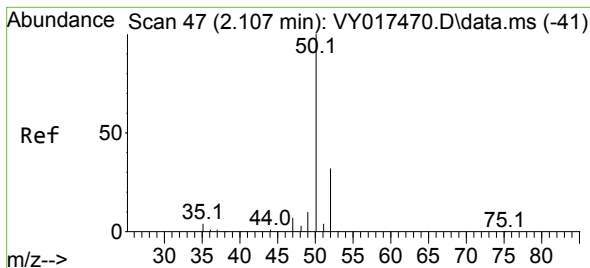
Tgt Ion:168 Resp: 132377
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 1.902 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 85 Resp: 1857
Ion Ratio Lower Upper
85 100
87 38.5 16.0 48.0





#3

Chloromethane

Concen: 1.729 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

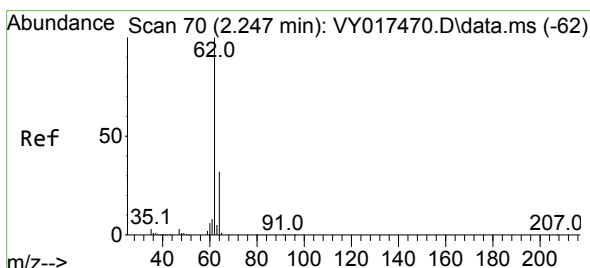
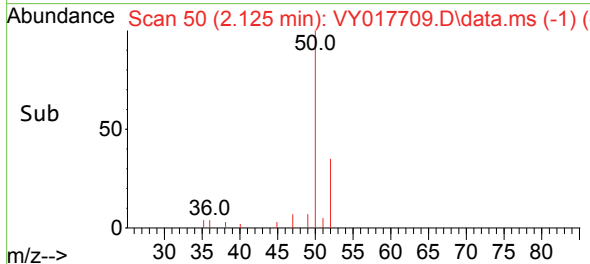
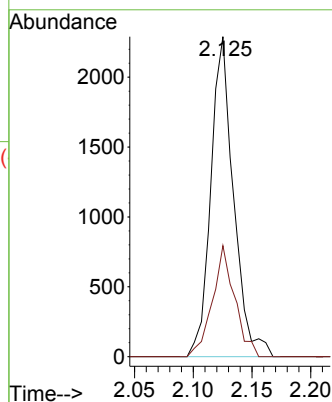
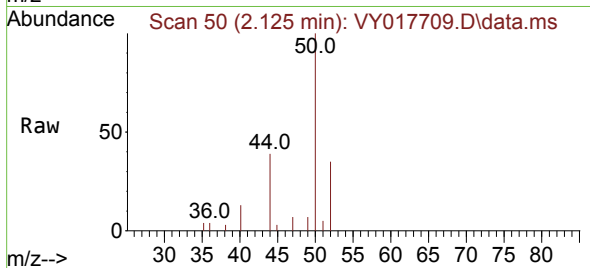
MDL02

Tgt Ion: 50 Resp: 3084

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 1.828 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.018 min

Lab File: VY017709.D

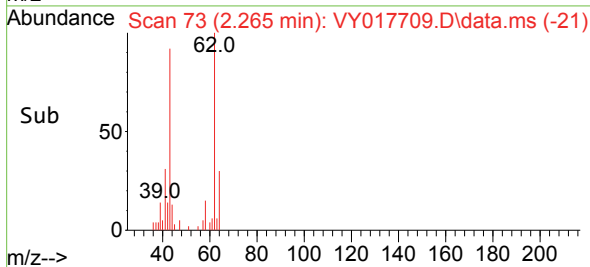
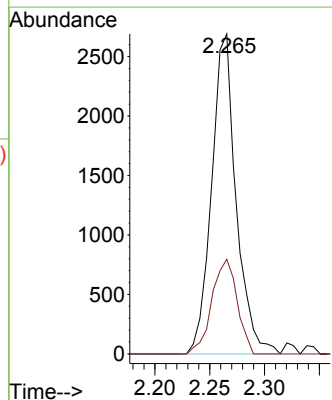
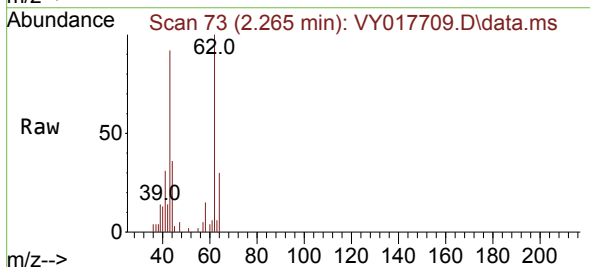
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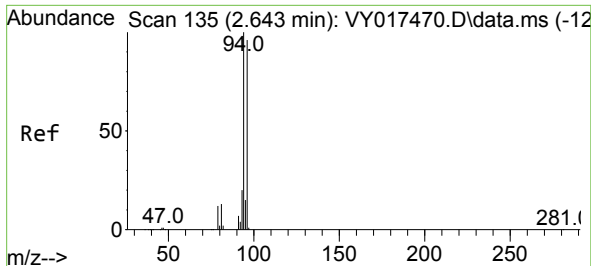
Tgt Ion: 62 Resp: 4183

Ion Ratio Lower Upper

62 100

64 29.6 26.1 39.1

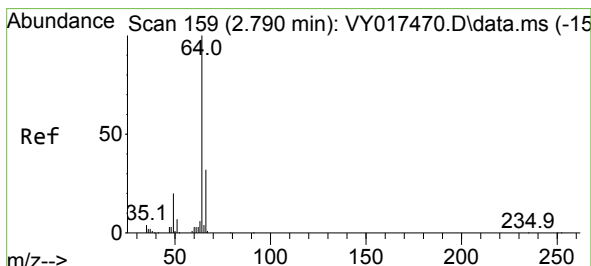
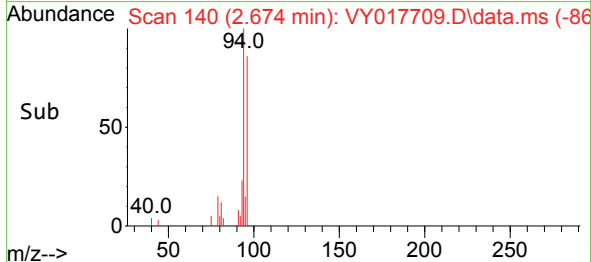
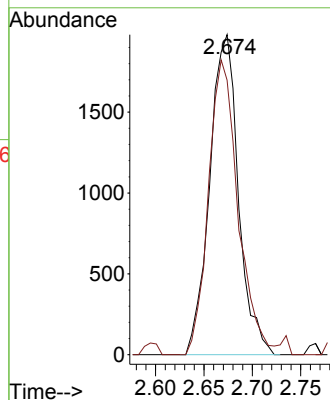
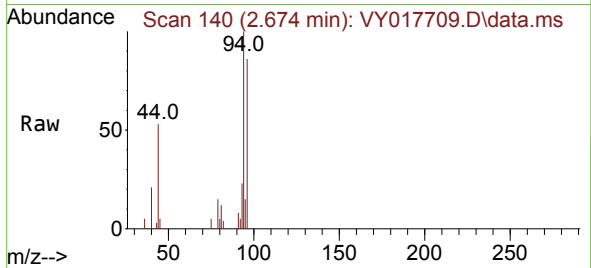




#5
Bromomethane
Concen: 2.194 ug/l
RT: 2.674 min Scan# 141
Delta R.T. 0.030 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

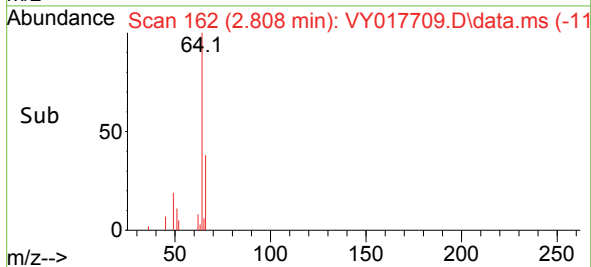
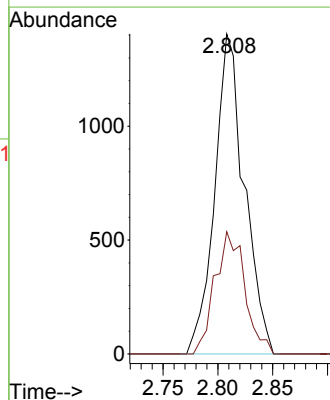
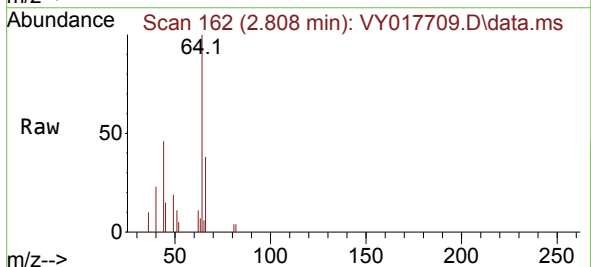
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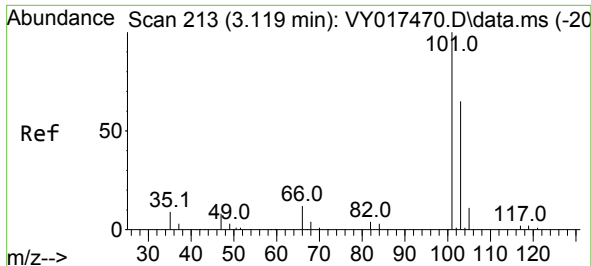
Tgt Ion: 94 Resp: 4092
Ion Ratio Lower Upper
94 100
96 85.8 74.1 111.1



#6
Chloroethane
Concen: 1.830 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 64 Resp: 2643
Ion Ratio Lower Upper
64 100
66 38.2 26.1 39.1

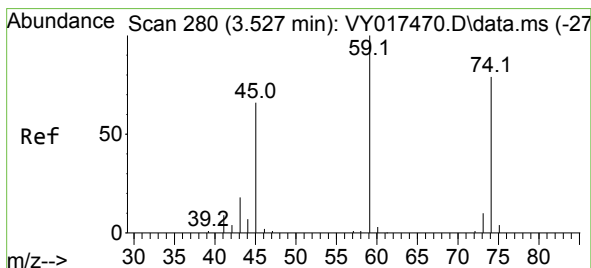
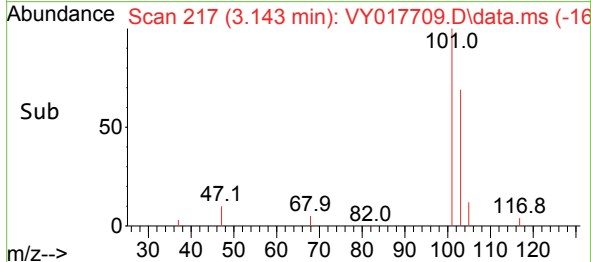
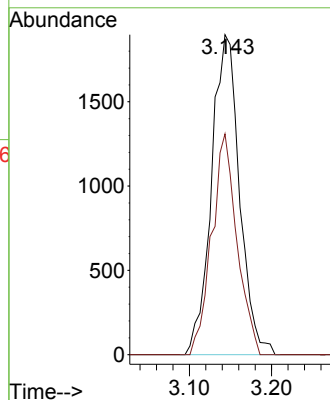
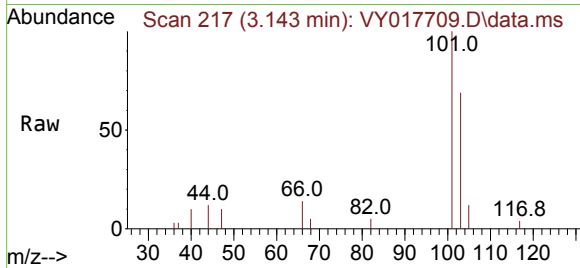




#7
 Trichlorofluoromethane
 Concen: 1.927 ug/l
 RT: 3.143 min Scan# 213
 Delta R.T. 0.024 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

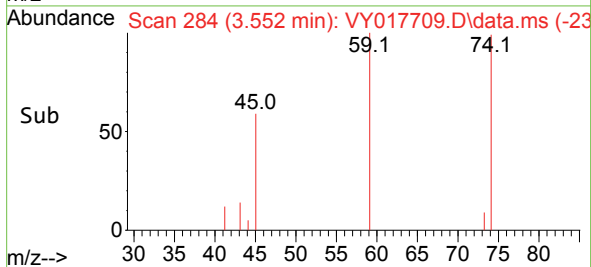
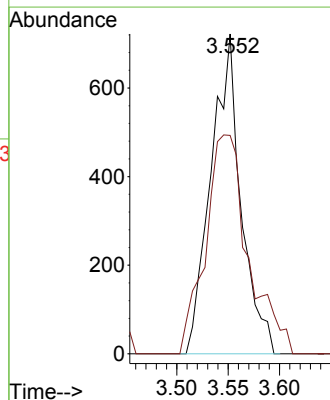
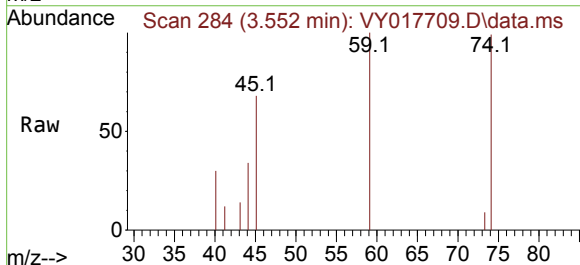
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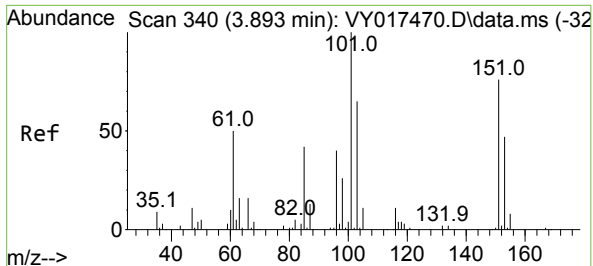
Tgt Ion:101 Resp: 4495
 Ion Ratio Lower Upper
 101 100
 103 69.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.135 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.024 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

Tgt Ion: 74 Resp: 1461
 Ion Ratio Lower Upper
 74 100
 45 97.5 41.3 124.1

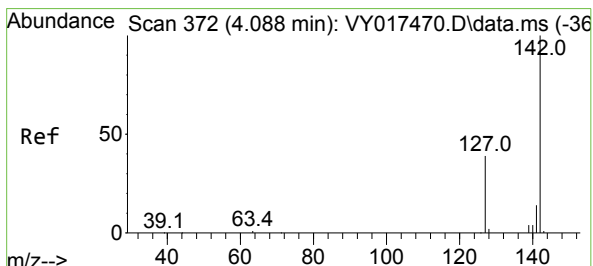
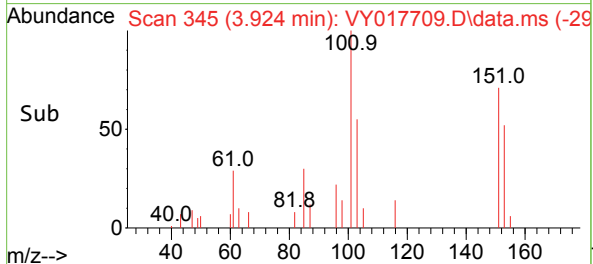
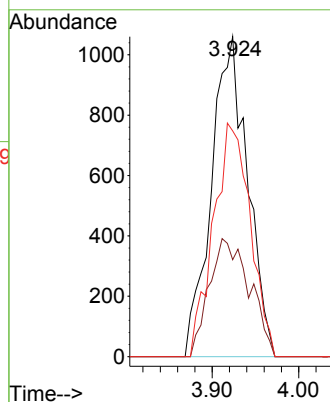
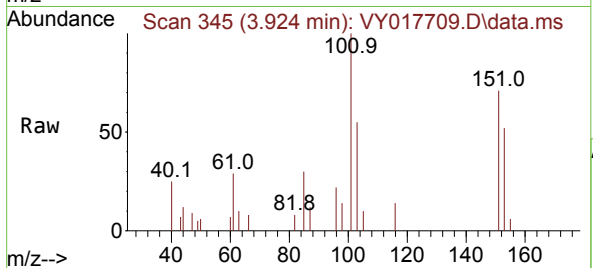




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.295 ug/l
RT: 3.924 min Scan# 341
Delta R.T. 0.030 min
Lab File: VY017709.D
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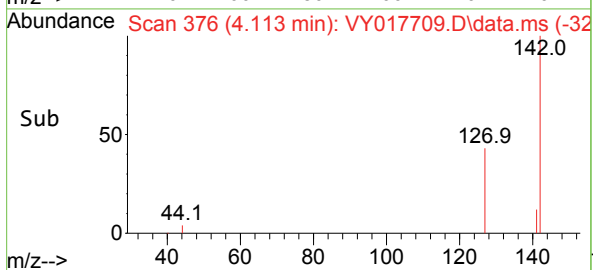
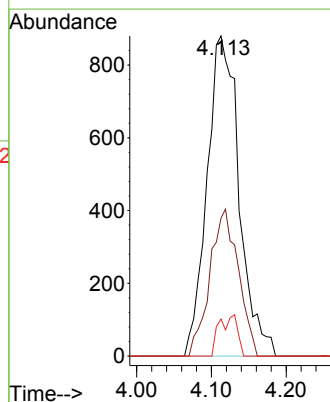
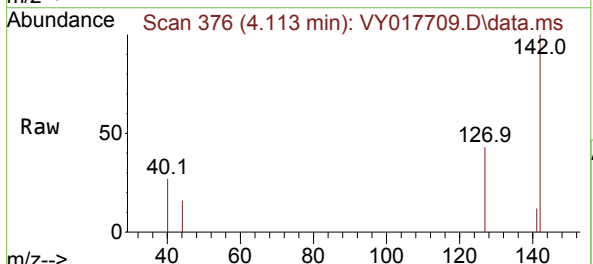
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

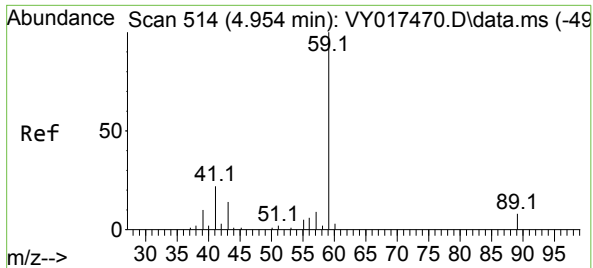
Tgt Ion:101 Resp: 3080
Ion Ratio Lower Upper
101 100
85 41.1 34.5 51.7
151 74.2 61.7 92.5



#10
Methyl Iodide
Concen: 1.744 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.024 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion:142 Resp: 2626
Ion Ratio Lower Upper
142 100
127 40.7 32.8 49.2
141 7.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: 14.516 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

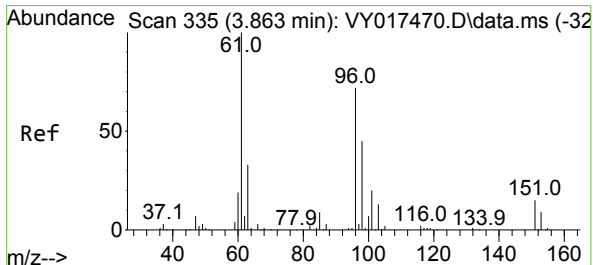
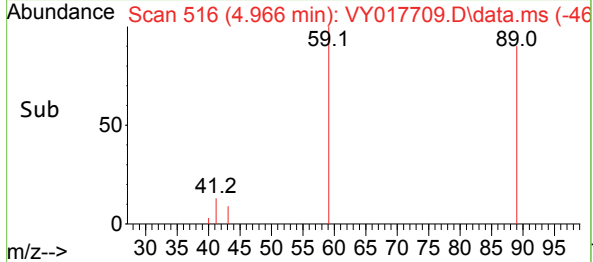
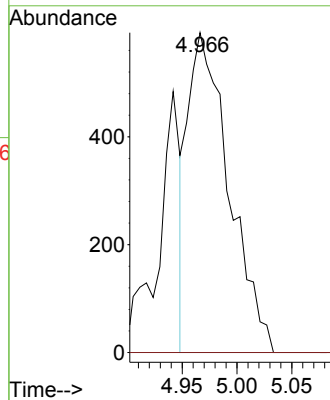
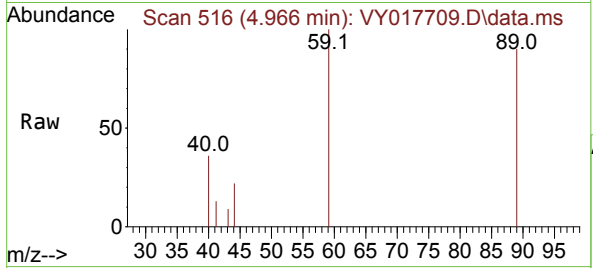
MDL02

Tgt Ion: 59 Resp: 1547

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 1.977 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.024 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

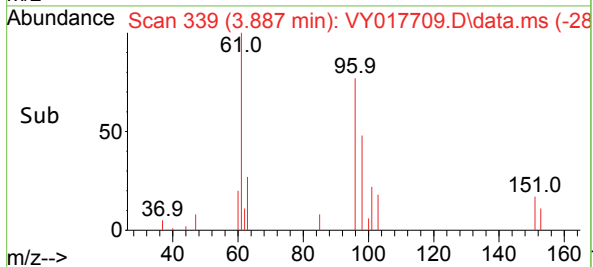
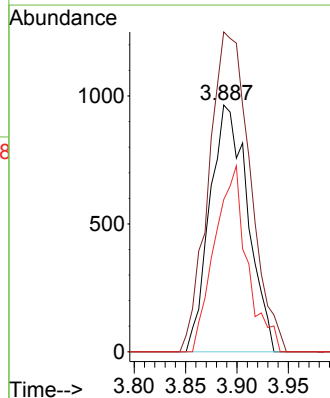
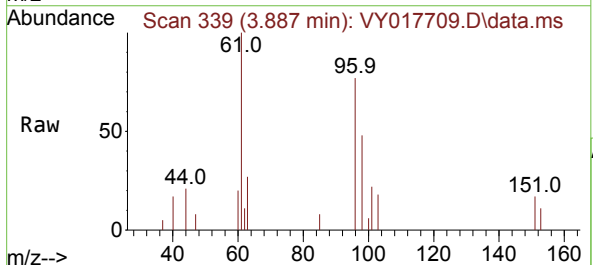
Tgt Ion: 96 Resp: 2472

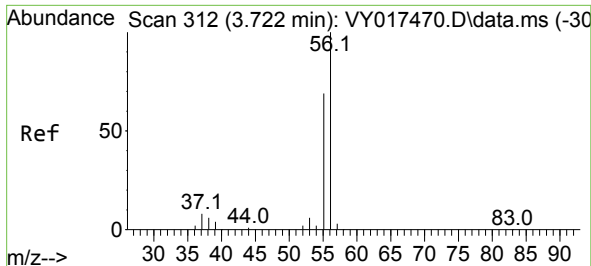
Ion Ratio Lower Upper

96 100

61 129.7 114.6 171.8

98 61.7 50.8 76.2





#13

Acrolein

Concen: 8.186 ug/l

RT: 3.747 min Scan# 312

Delta R.T. 0.024 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

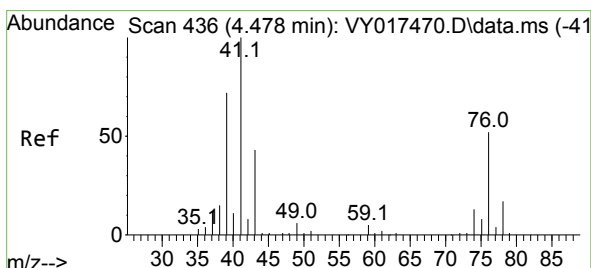
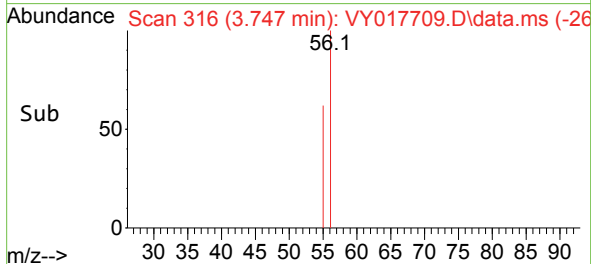
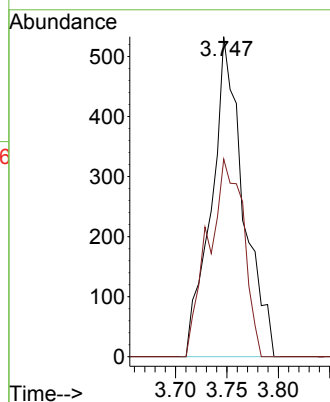
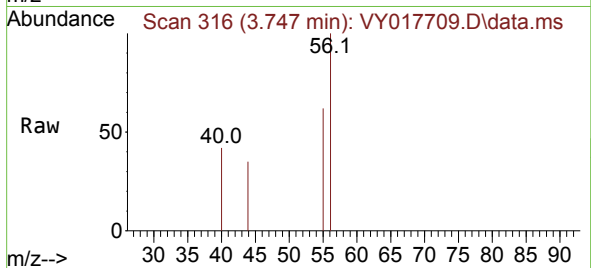
MDL02

Tgt Ion: 56 Resp: 1151

Ion Ratio Lower Upper

56 100

55 68.1 55.7 83.5



#14

Allyl chloride

Concen: 1.866 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.030 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

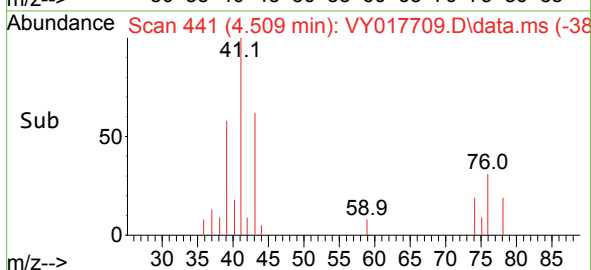
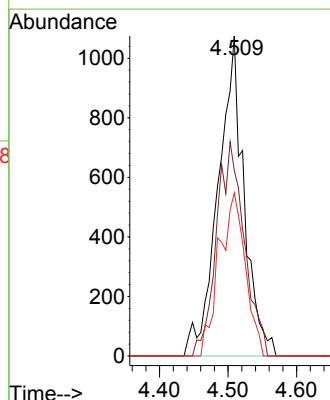
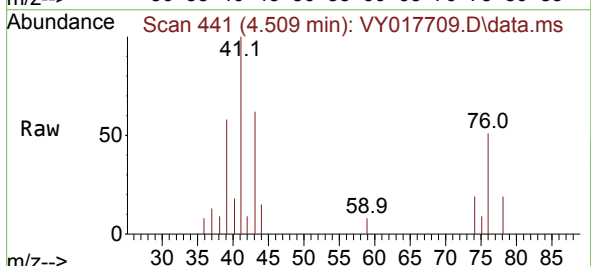
Tgt Ion: 41 Resp: 2820

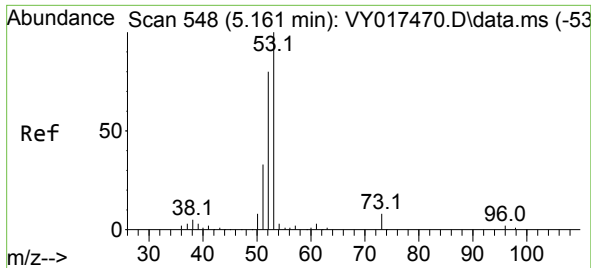
Ion Ratio Lower Upper

41 100

39 71.9 58.3 87.5

76 51.6 39.0 58.6

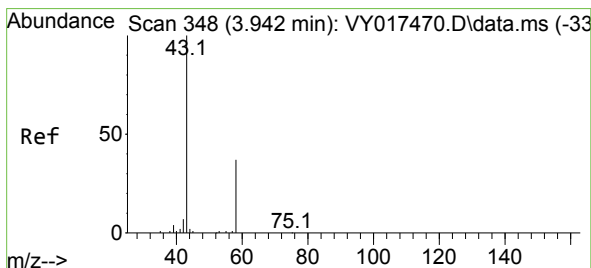
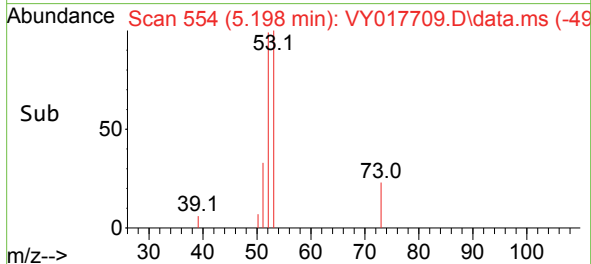
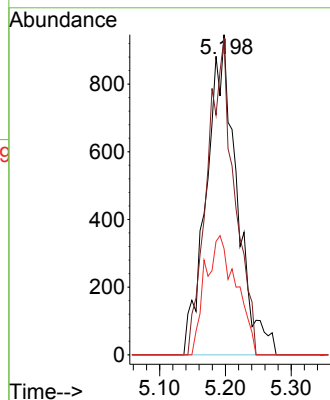
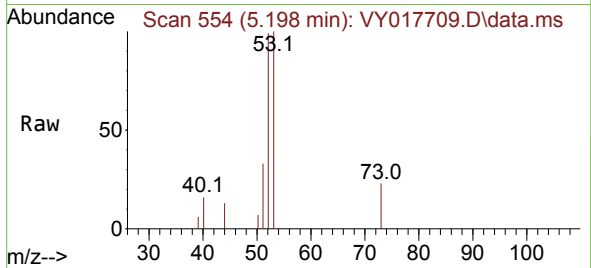




#15
Acrylonitrile
Concen: 10.705 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

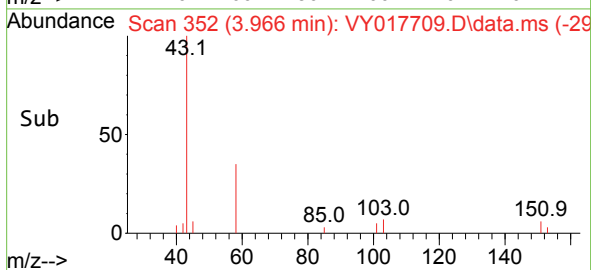
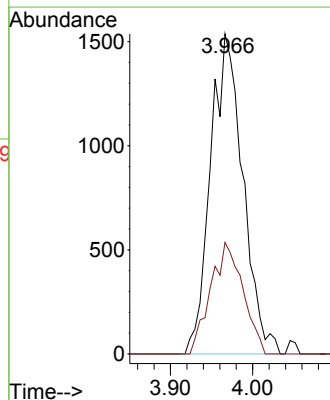
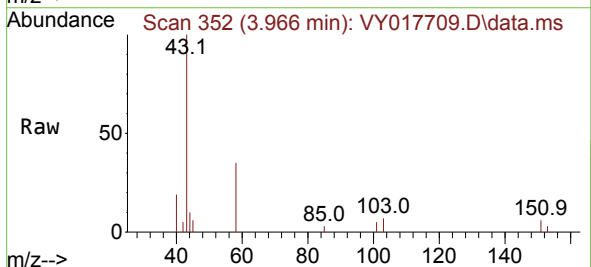
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

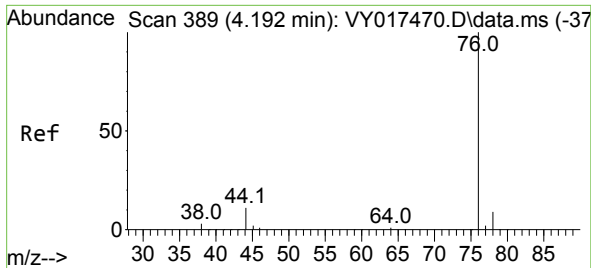
Tgt Ion: 53	Resp:	3011
Ion	Ratio	Lower Upper
53	100	
52	89.8	64.7 97.1
51	38.3	28.4 42.6



#16
Acetone
Concen: 17.281 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 43	Resp:	4205
Ion	Ratio	Lower Upper
43	100	
58	34.9	31.7 47.5

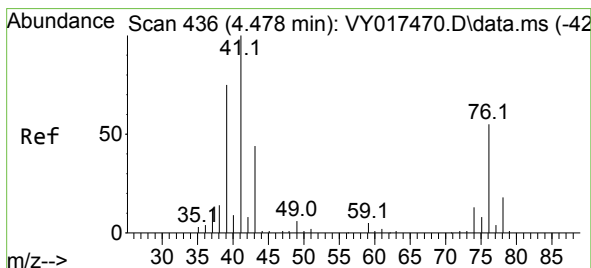
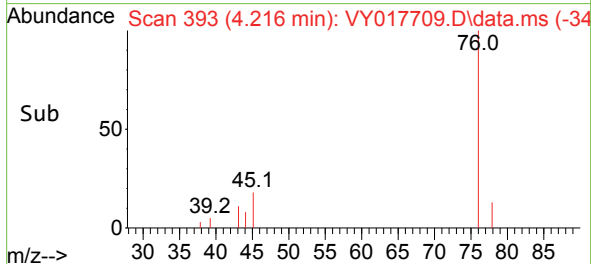
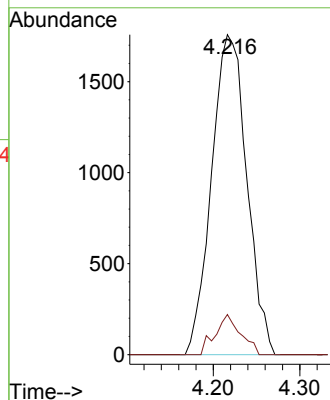
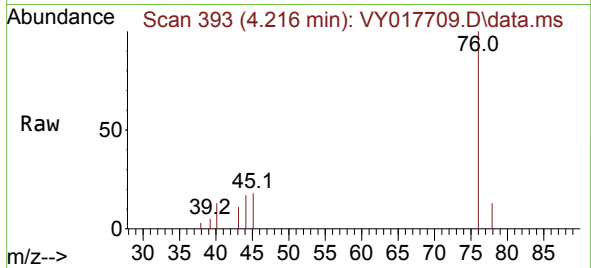




#17
Carbon Disulfide
Concen: 1.324 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.024 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

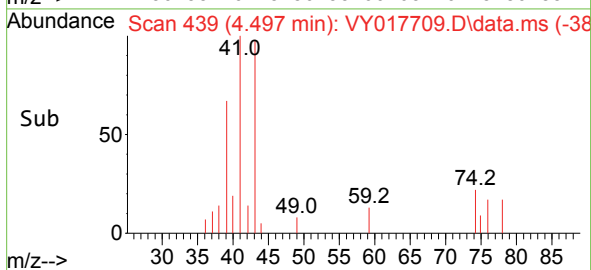
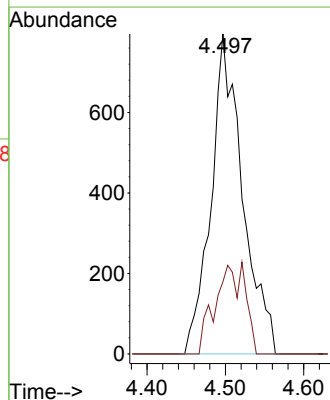
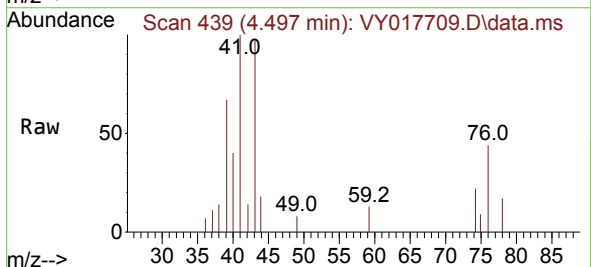
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

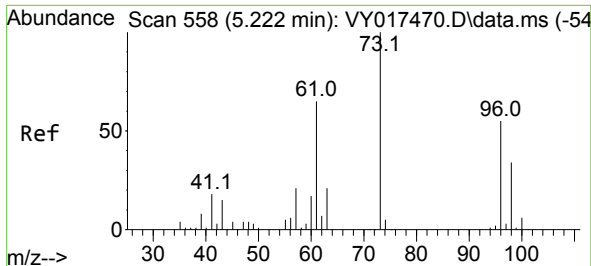
Tgt Ion: 76 Resp: 4971
Ion Ratio Lower Upper
76 100
78 12.5 6.8 10.2#



#18
Methyl Acetate
Concen: 3.760 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 2.121 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

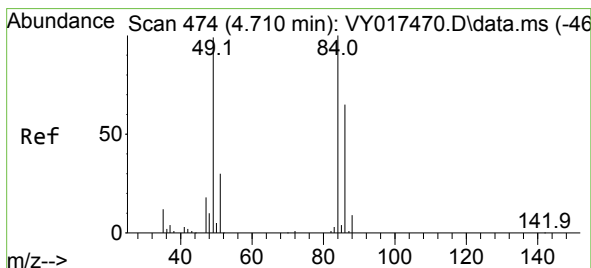
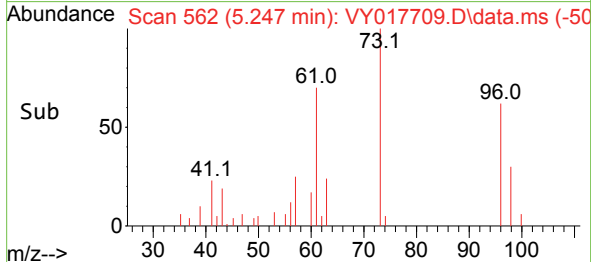
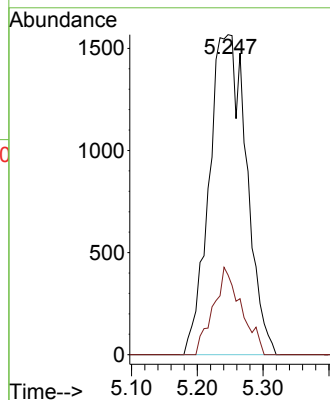
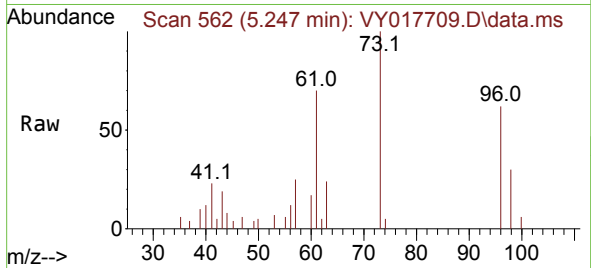
MDL02

Tgt Ion: 73 Resp: 6182

Ion Ratio Lower Upper

73 100

57 24.9 17.3 25.9



#20

Methylene Chloride

Concen: 7.772 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.031 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Tgt Ion: 84 Resp: 13540

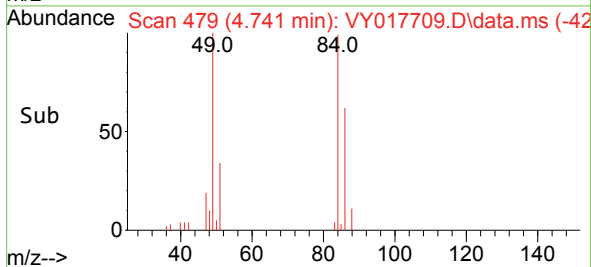
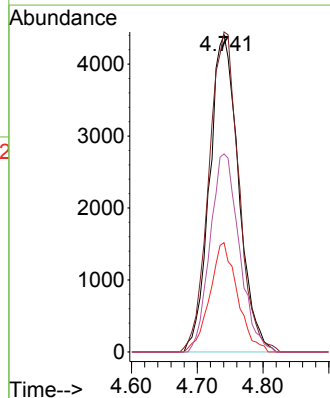
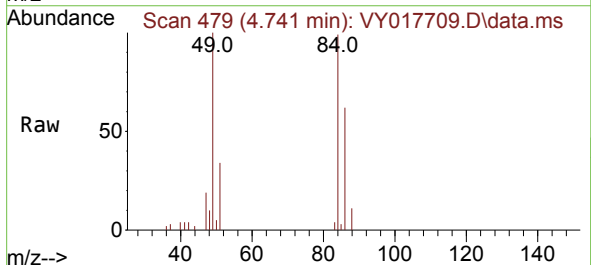
Ion Ratio Lower Upper

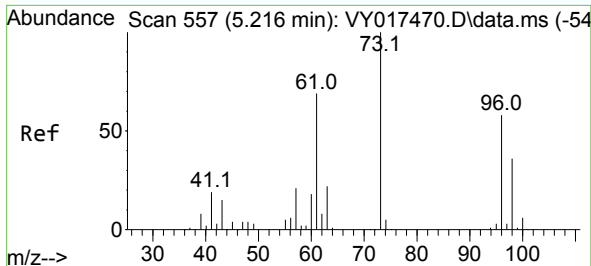
84 100

49 101.0 84.4 126.6

51 34.5 26.0 39.0

86 62.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 1.952 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.030 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

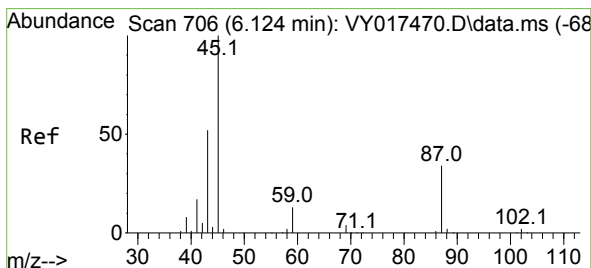
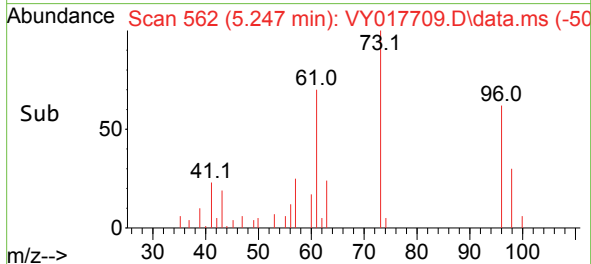
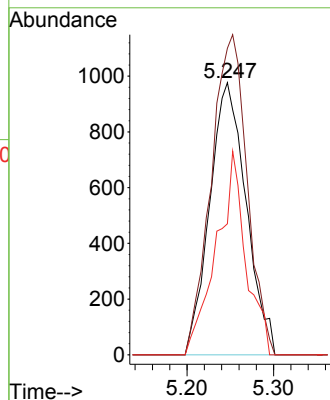
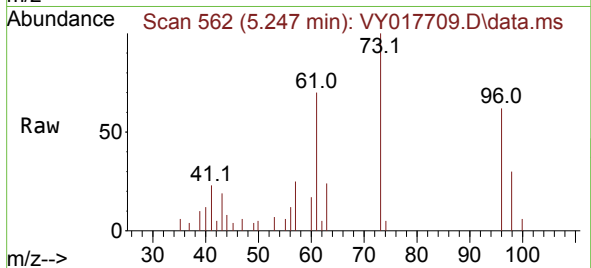
Tgt Ion: 96 Resp: 2858

Ion Ratio Lower Upper

96 100

61 112.6 97.5 146.3

98 48.1 50.5 75.7#



#22

Diisopropyl ether

Concen: 1.898 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Tgt Ion: 45 Resp: 6618

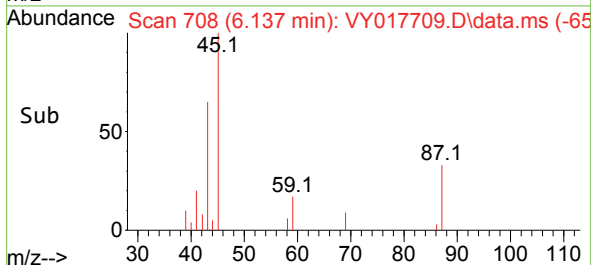
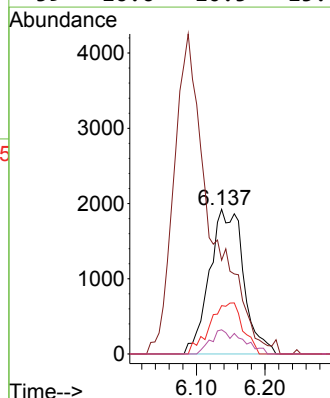
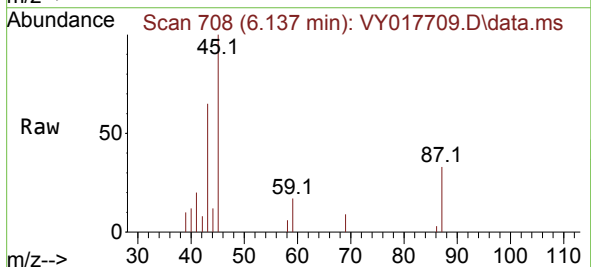
Ion Ratio Lower Upper

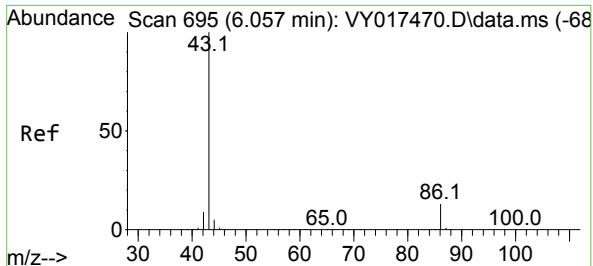
45 100

43 64.8 42.2 63.2#

87 33.5 25.0 37.6

59 16.6 10.5 15.7#

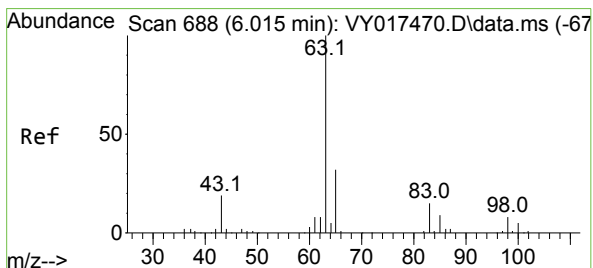
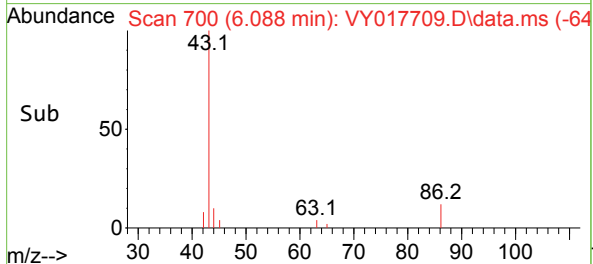
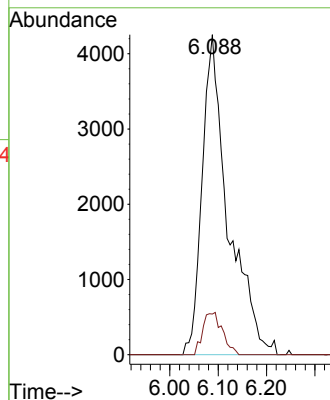
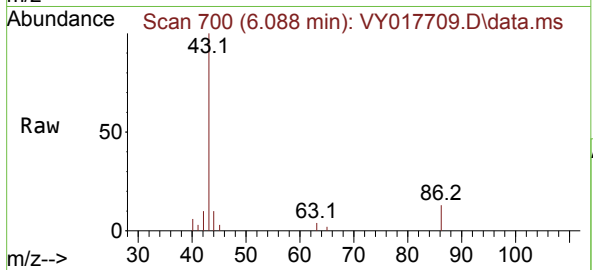




#23
 Vinyl Acetate
 Concen: 7.676 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.030 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

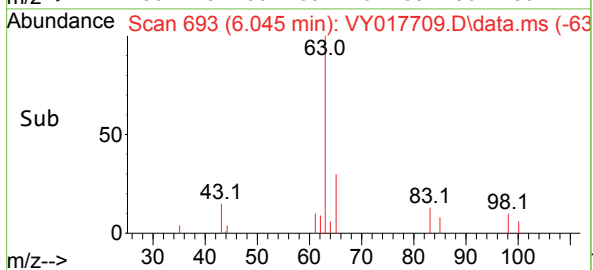
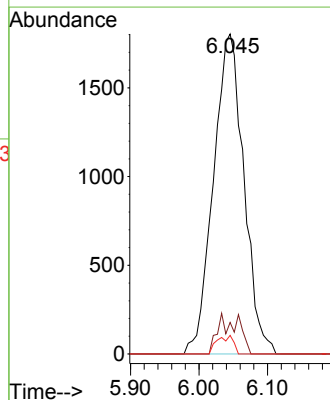
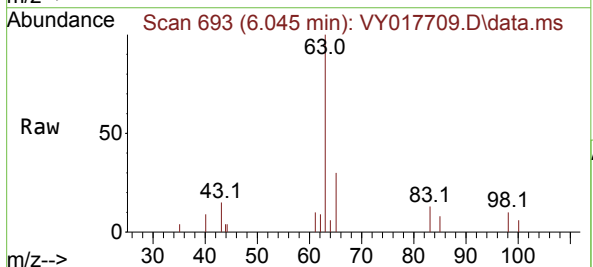
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

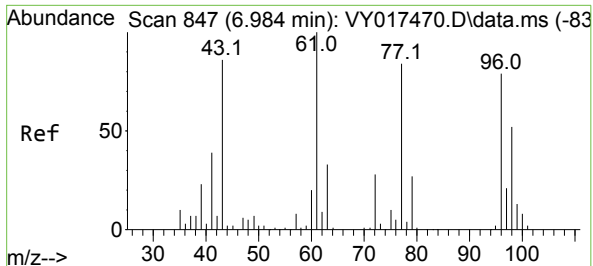
Tgt Ion: 43 Resp: 15948
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.334 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.030 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

Tgt Ion: 63 Resp: 5559
 Ion Ratio Lower Upper
 63 100
 98 9.9 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 12.711 ug/l

RT: 7.008 min Scan# 8

Delta R.T. 0.024 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

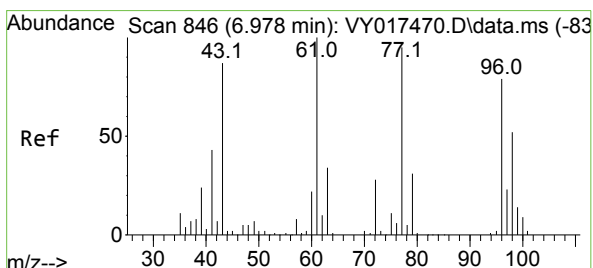
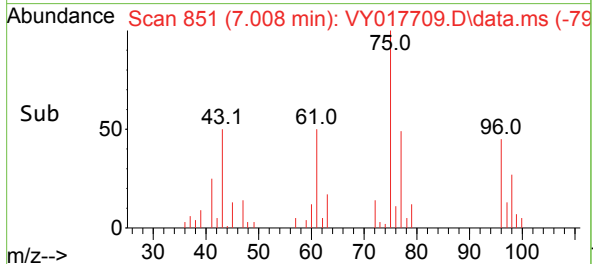
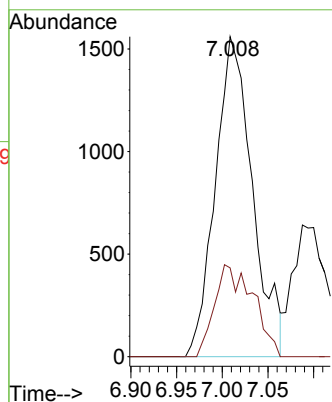
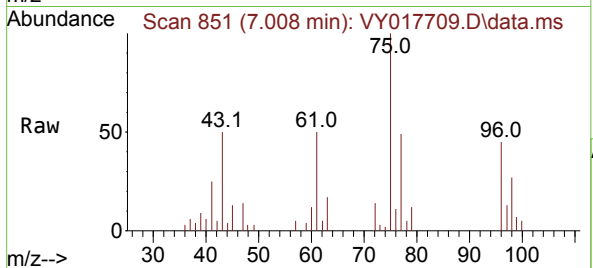
MDL02

Tgt Ion: 43 Resp: 4408

Ion Ratio Lower Upper

43 100

72 27.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.448 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.024 min

Lab File: VY017709.D

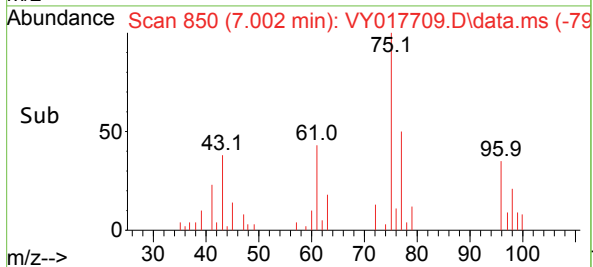
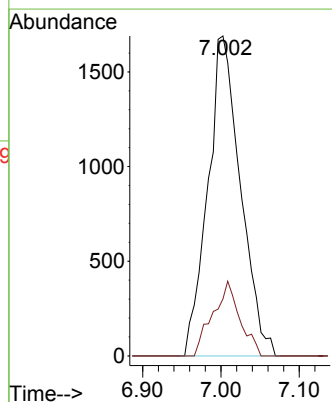
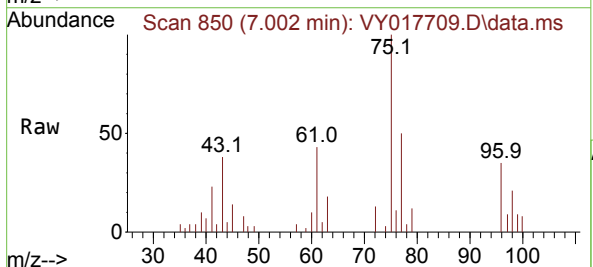
Acq: 19 Mar 2024 13:52

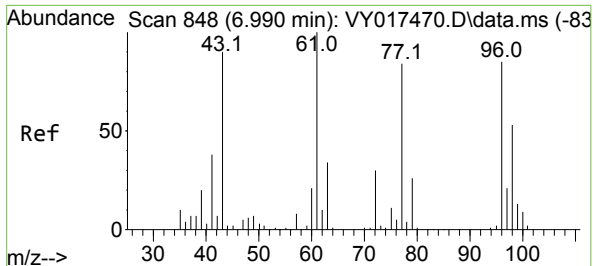
Tgt Ion: 77 Resp: 4903

Ion Ratio Lower Upper

77 100

97 19.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.155 ug/l

RT: 7.008 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

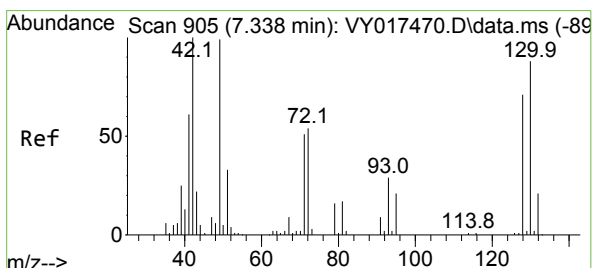
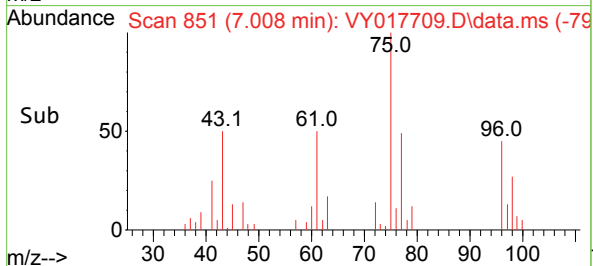
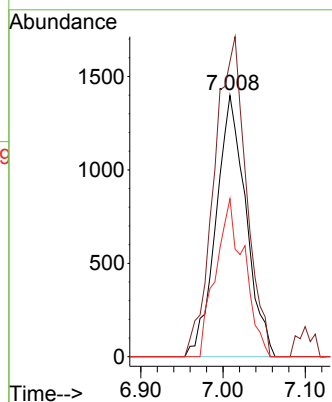
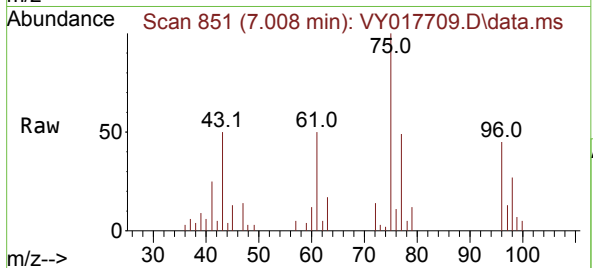
Tgt Ion: 96 Resp: 3542

Ion Ratio Lower Upper

96 100

61 131.3 0.0 256.2

98 57.6 0.0 130.0



#28

Bromochloromethane

Concen: 1.807 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.024 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

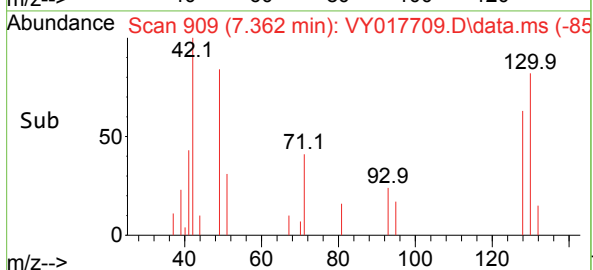
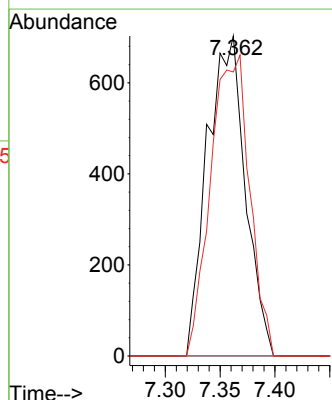
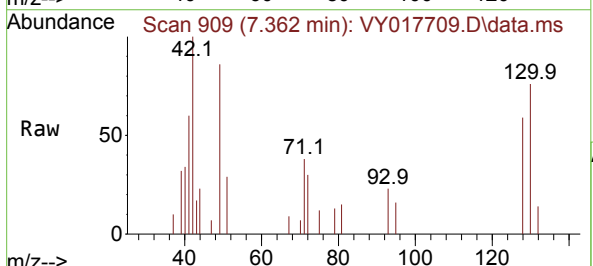
Tgt Ion: 49 Resp: 1695

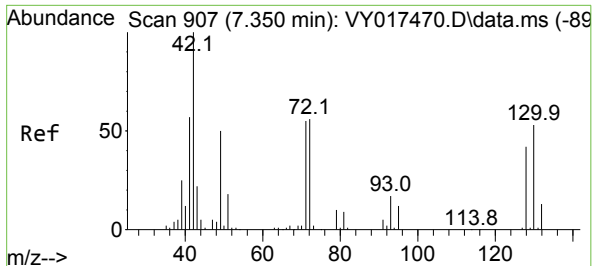
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 96.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 9.720 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

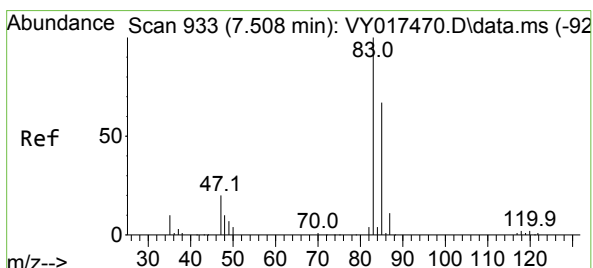
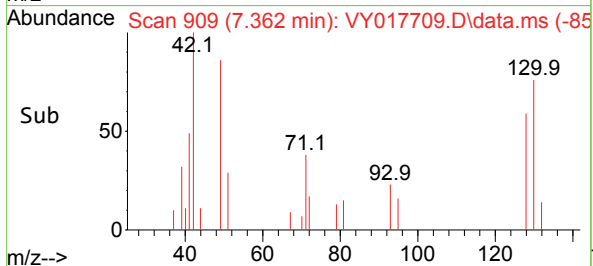
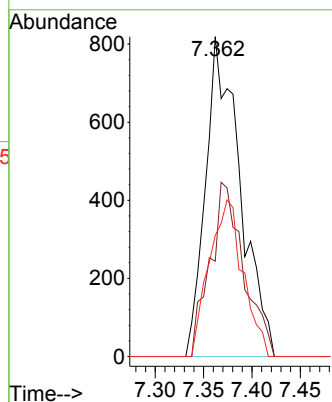
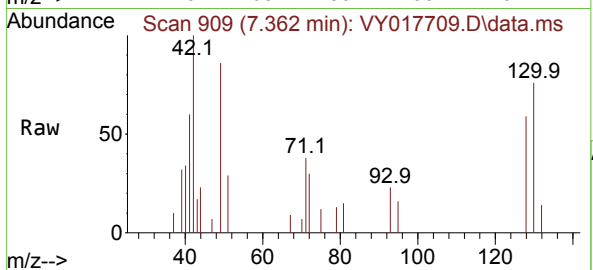
Tgt Ion: 42 Resp: 2032

Ion Ratio Lower Upper

42 100

72 52.8 43.0 64.4

71 47.8 40.8 61.2



#30

Chloroform

Concen: 2.449 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017709.D

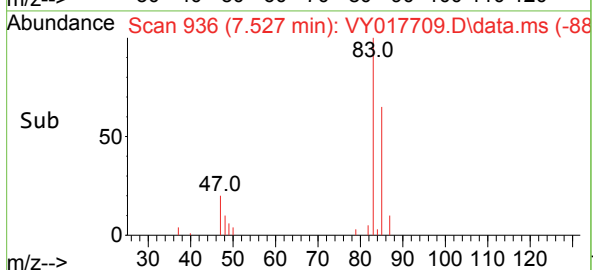
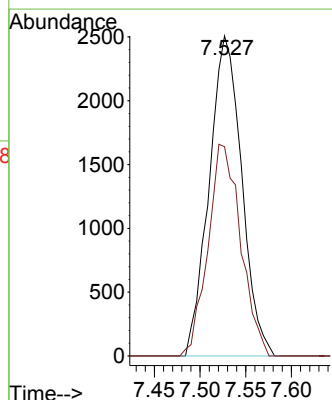
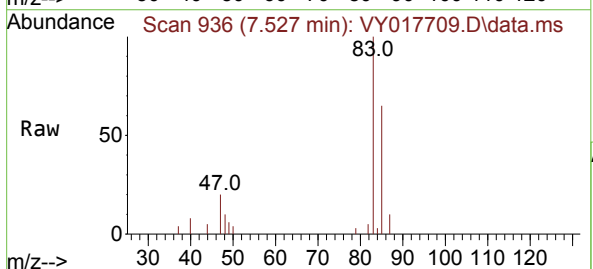
Acq: 19 Mar 2024 13:52

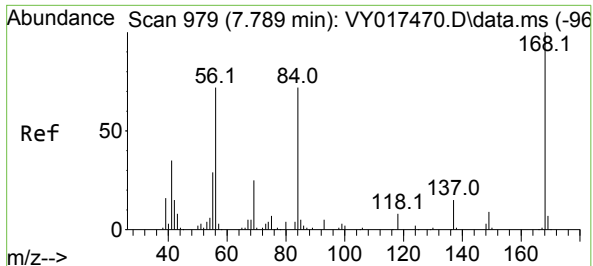
Tgt Ion: 83 Resp: 6211

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

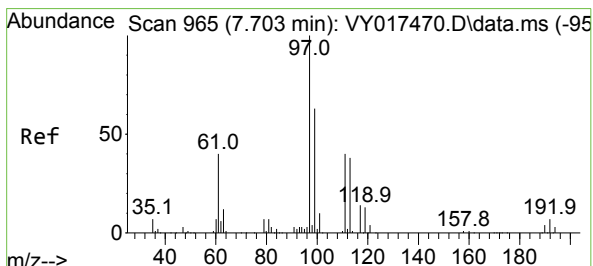
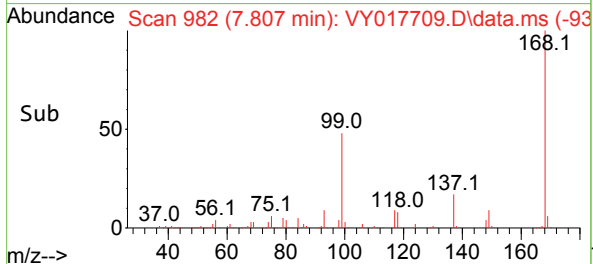
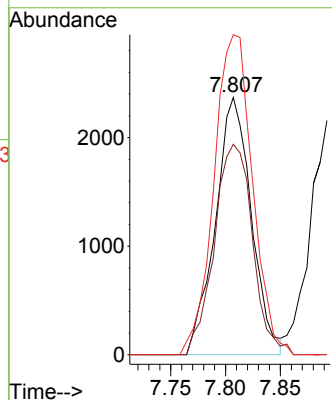
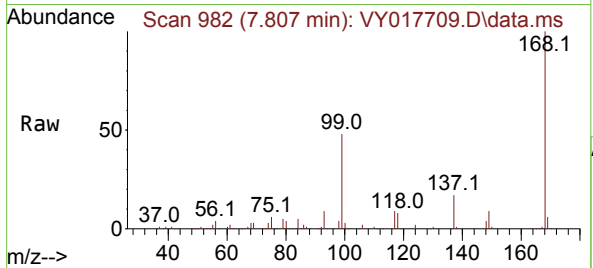




#31
Cyclohexane
Concen: 2.650 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

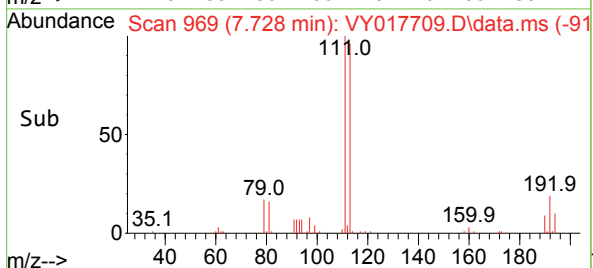
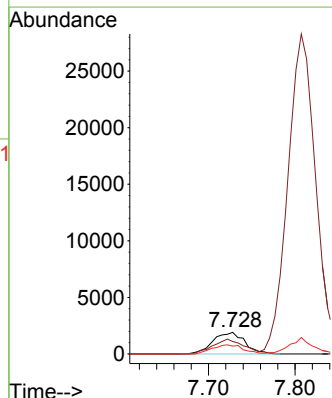
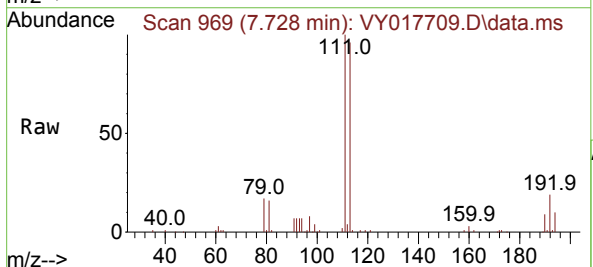
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

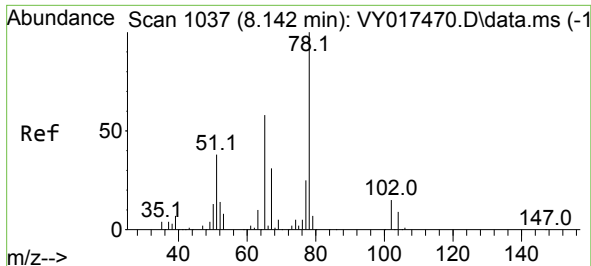
Tgt Ion: 56 Resp: 5410
Ion Ratio Lower Upper
56 100
69 81.8 28.7 43.1#
84 124.3 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.203 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.024 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 97 Resp: 4850
Ion Ratio Lower Upper
97 100
99 66.0 50.3 75.5
61 41.6 32.6 48.8

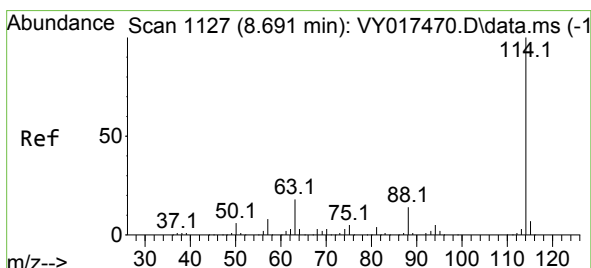
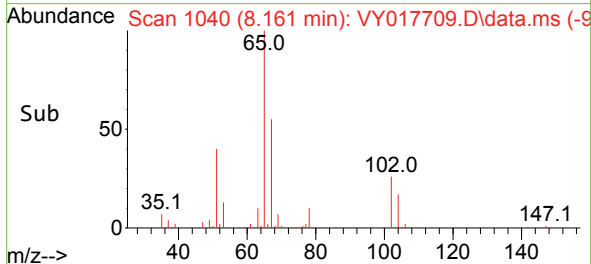
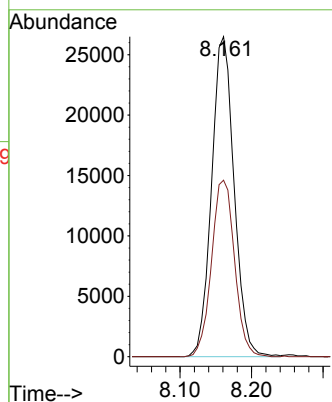
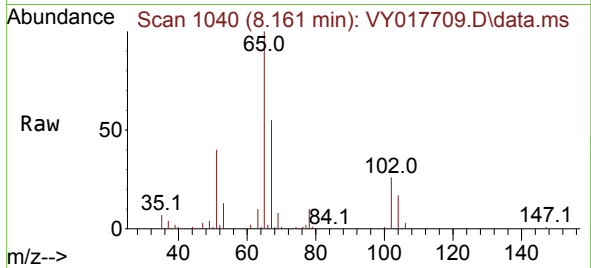




#33
 1,2-Dichloroethane-d4
 Concen: 46.183 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.018 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

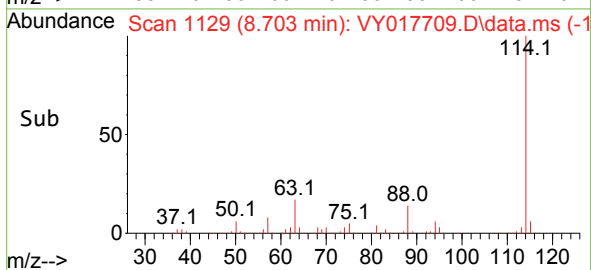
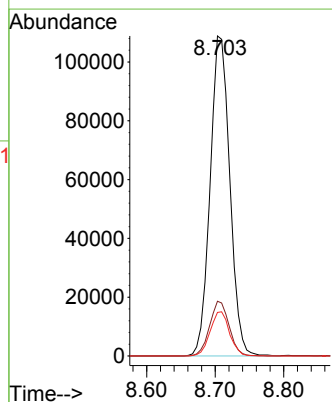
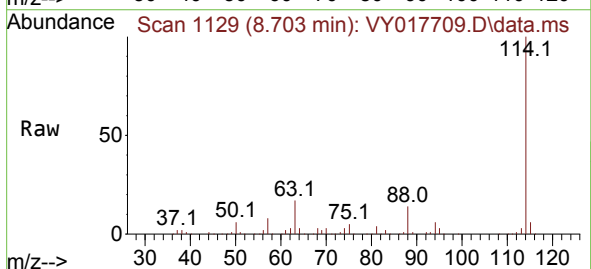
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

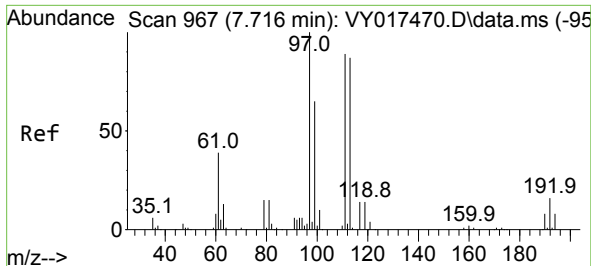
Tgt Ion: 65 Resp: 57940
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

Tgt Ion: 114 Resp: 216992
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 13.6 0.0 27.2

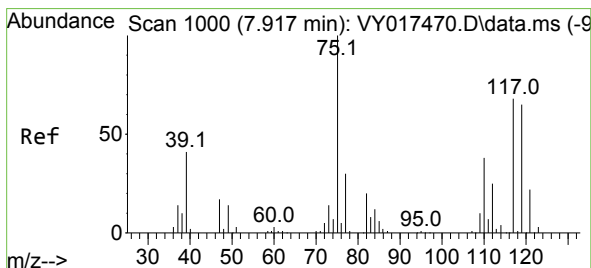
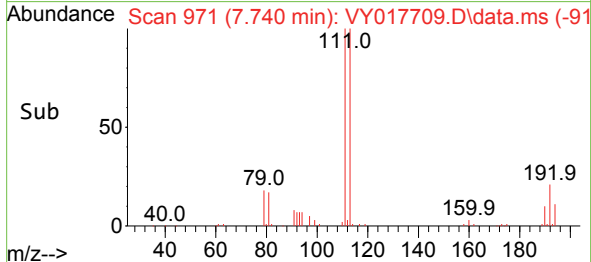
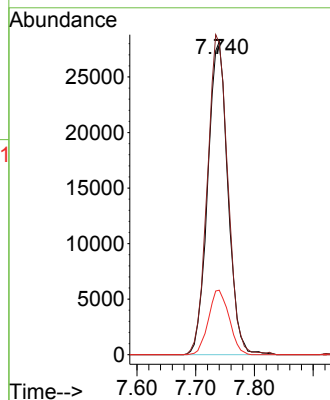
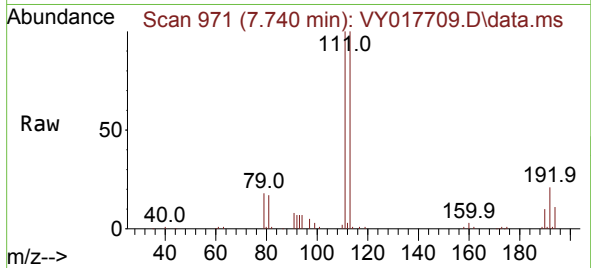




#35
Dibromofluoromethane
Concen: 44.426 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

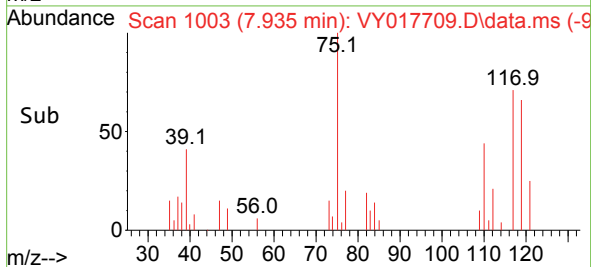
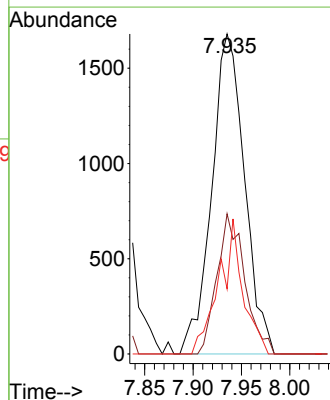
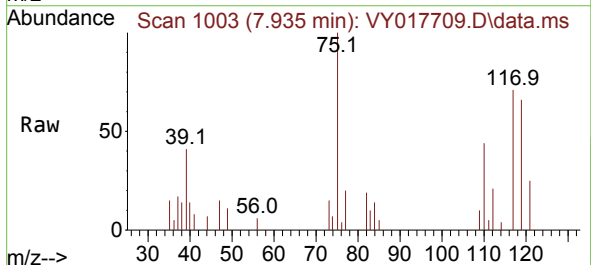
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

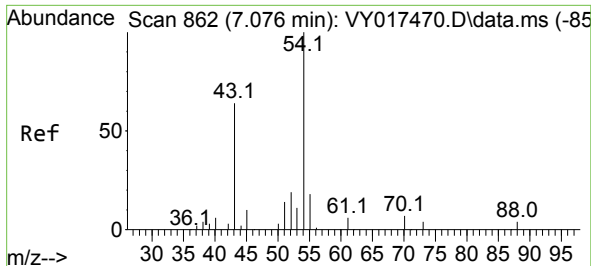
Tgt Ion:113 Resp: 67175
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 1.945 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 75 Resp: 3967
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 2.156 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

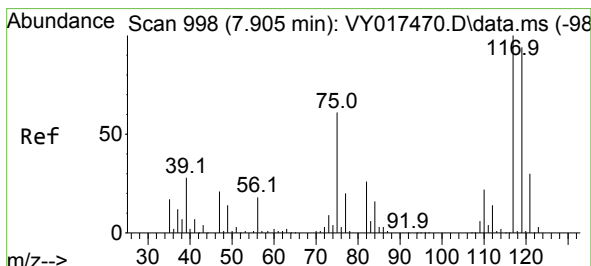
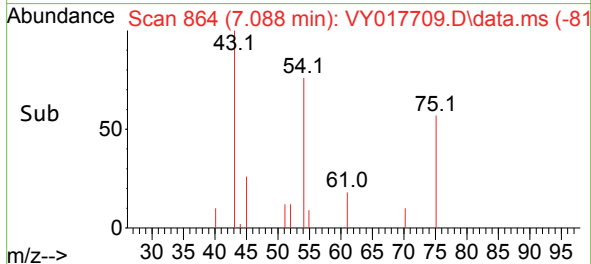
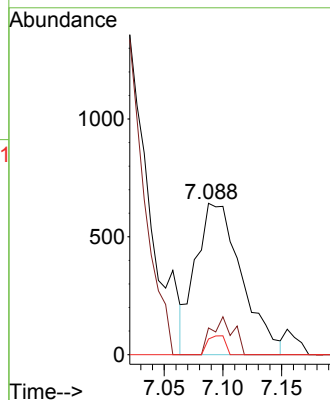
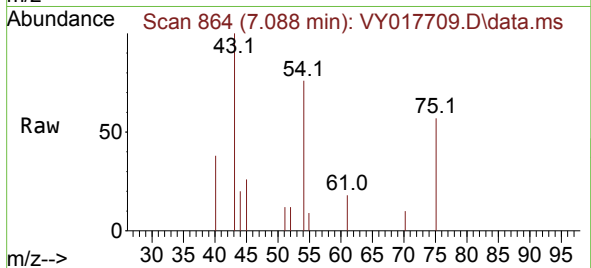
Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

61 12.0 12.6 19.0#

70 4.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.150 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

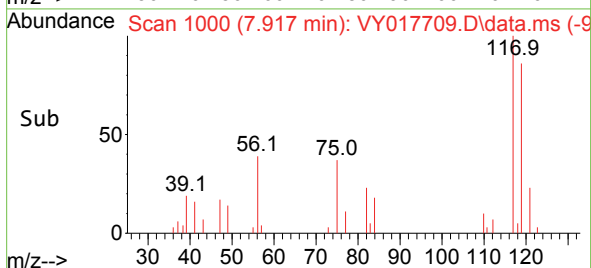
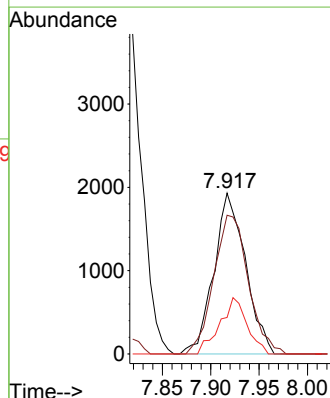
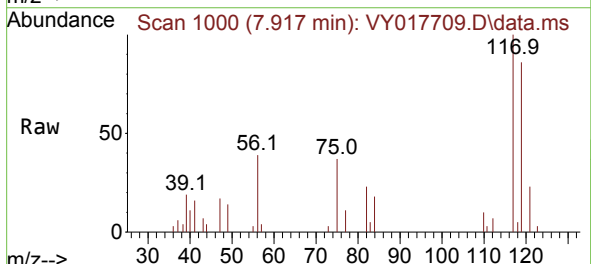
Tgt Ion: 117 Resp: 4395

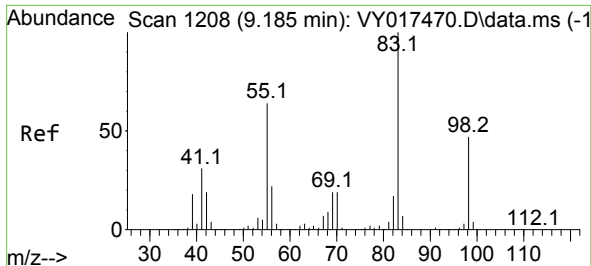
Ion Ratio Lower Upper

117 100

119 86.2 75.8 113.6

121 22.7 24.0 36.0#





#39

Methylcyclohexane

Concen: 1.665 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

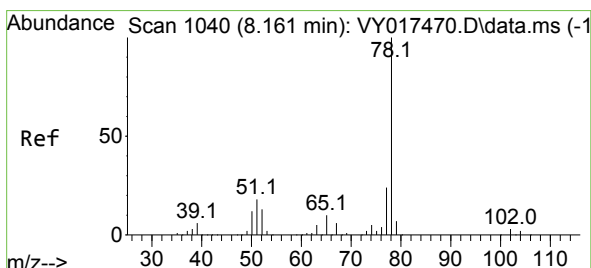
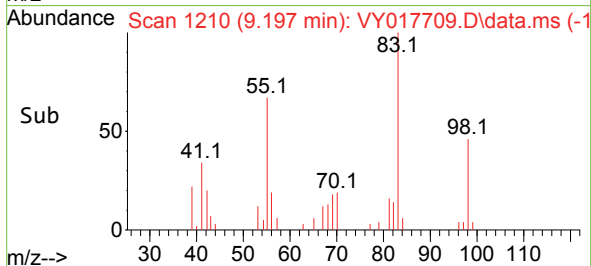
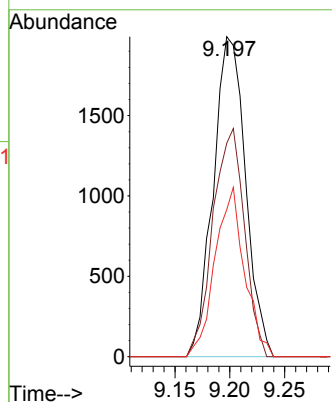
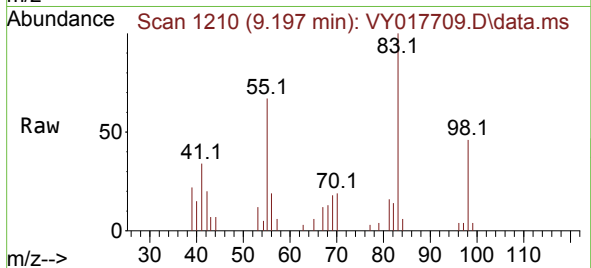
Tgt Ion: 83 Resp: 4083

Ion Ratio Lower Upper

83 100

55 66.7 51.5 77.3

98 46.0 40.5 60.7



#40

Benzene

Concen: 2.082 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017709.D

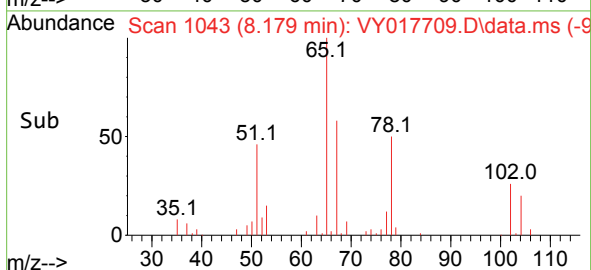
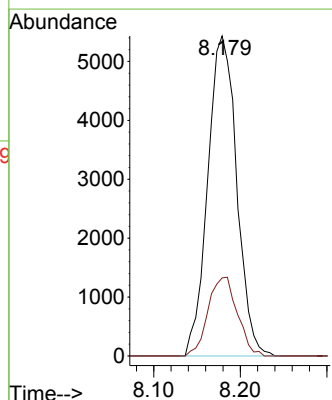
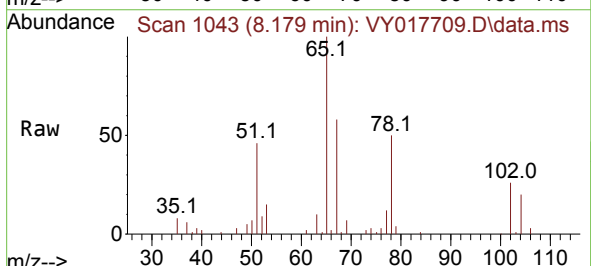
Acq: 19 Mar 2024 13:52

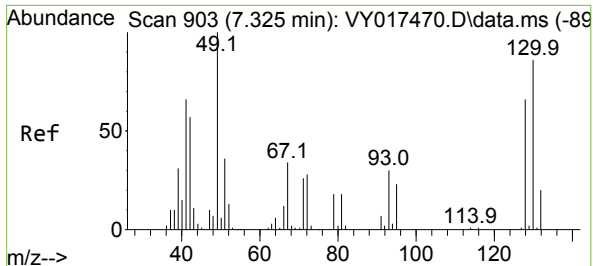
Tgt Ion: 78 Resp: 12615

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

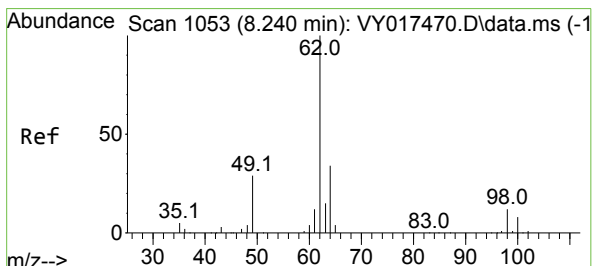
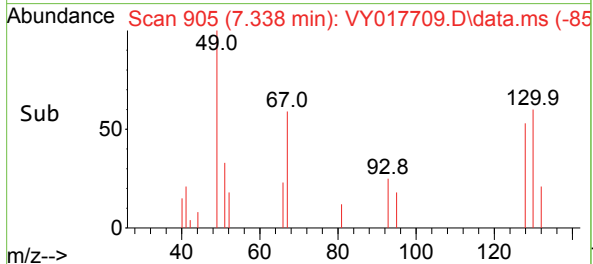
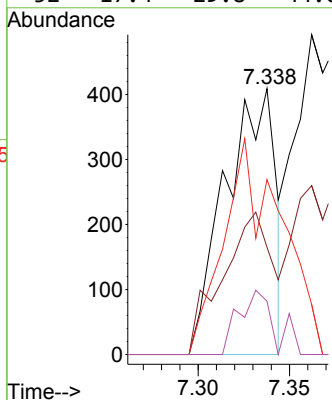
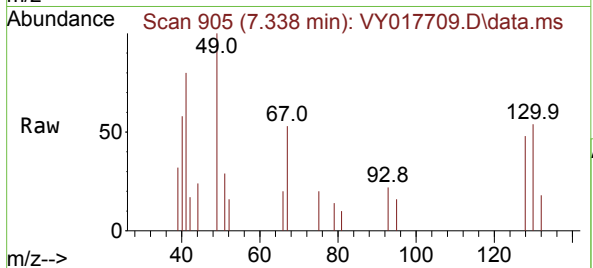




#41
Methacrylonitrile
Concen: 1.932 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

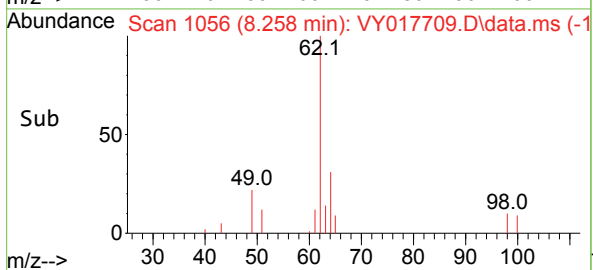
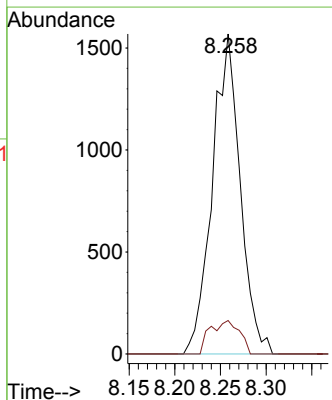
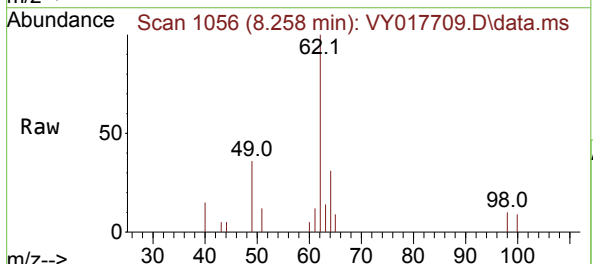
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

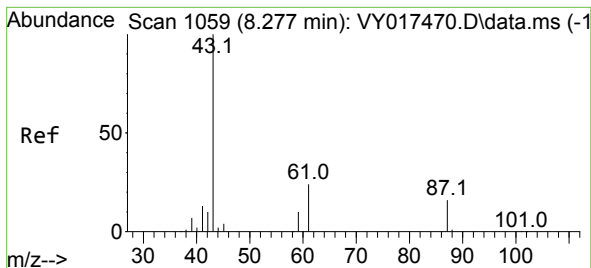
Tgt Ion: 41 Resp: 781
Ion Ratio Lower Upper
41 100
39 53.4 48.0 72.0
67 92.8 75.1 112.7
52 17.4 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.247 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 62 Resp: 3322
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 1.938 ug/l

RT: 8.295 min Scan# 1106

Delta R.T. 0.018 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

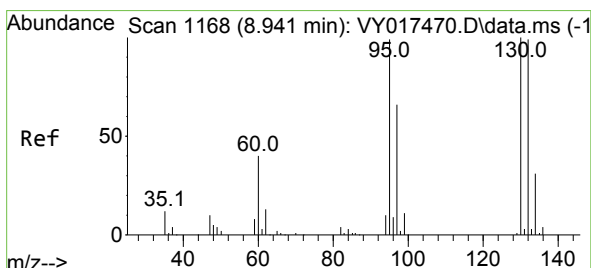
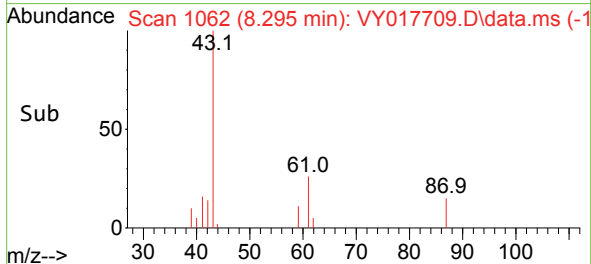
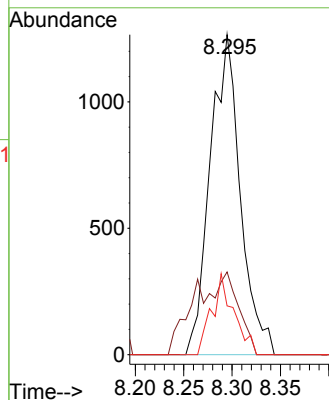
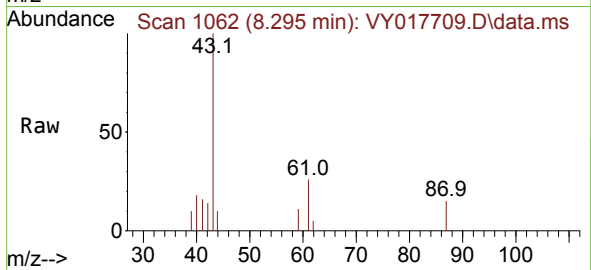
MSVOA_Y

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 2744

Ion	Ratio	Lower	Upper
43	100		
61	16.7	27.9	41.9#
87	18.5	13.1	19.7



#44

Trichloroethene

Concen: 2.160 ug/l

RT: 8.959 min Scan# 1171

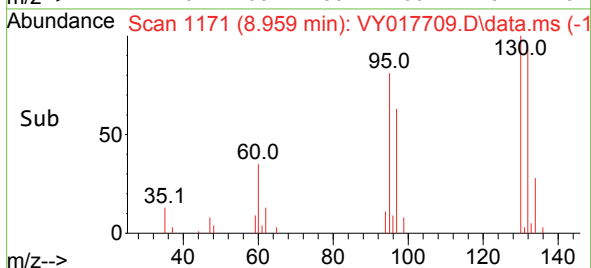
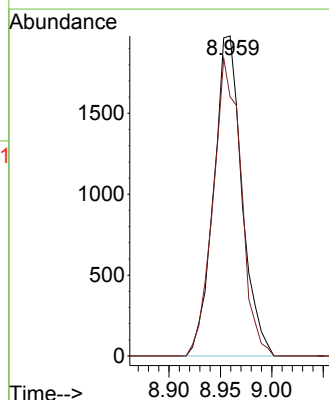
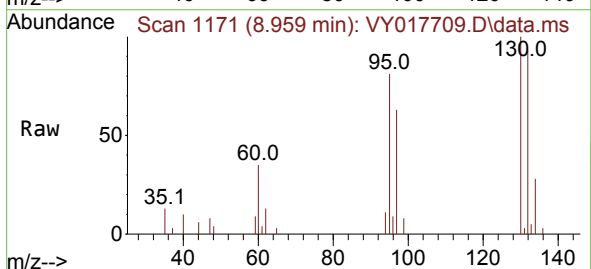
Delta R.T. 0.018 min

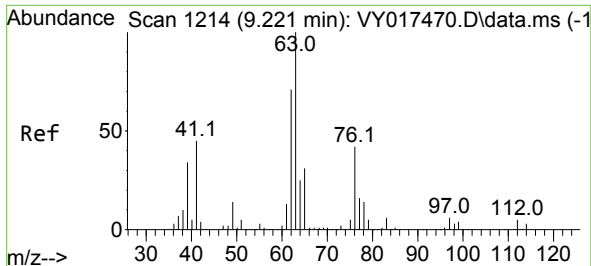
Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Tgt Ion: 130 Resp: 3772

Ion	Ratio	Lower	Upper
130	100		
95	81.0	0.0	188.0

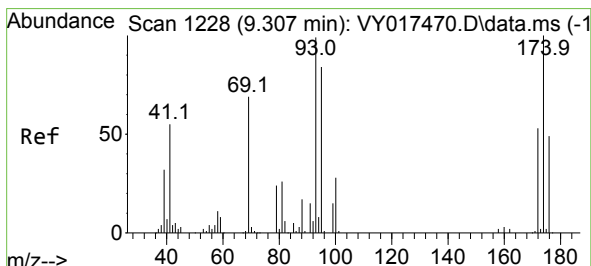
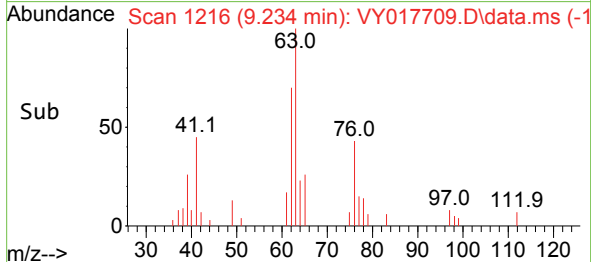
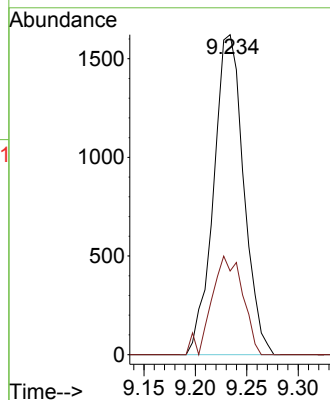
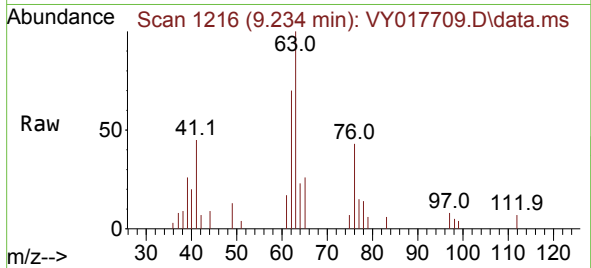




#45
1,2-Dichloropropane
Concen: 2.291 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

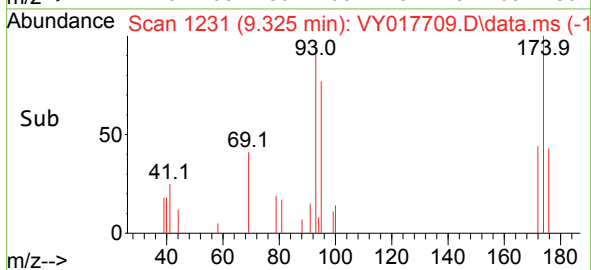
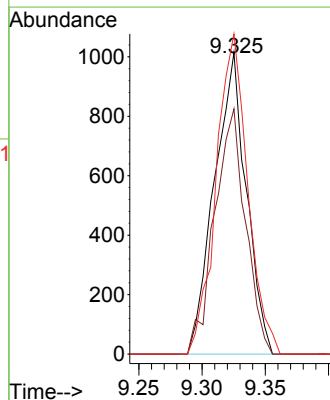
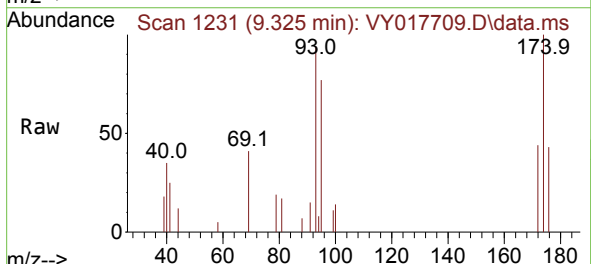
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

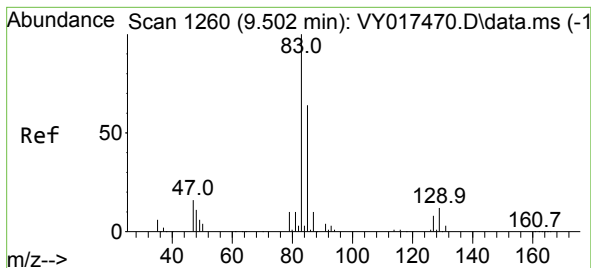
Tgt Ion: 63 Resp: 3303
Ion Ratio Lower Upper
63 100
65 26.1 25.4 38.2



#46
Dibromomethane
Concen: 2.152 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 93 Resp: 1775
Ion Ratio Lower Upper
93 100
95 78.8 66.2 99.4
174 105.2 80.9 121.3





#47

Bromodichloromethane

Concen: 2.192 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

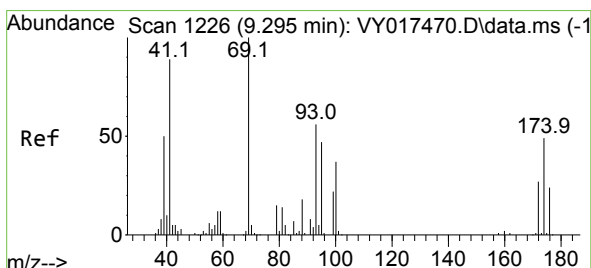
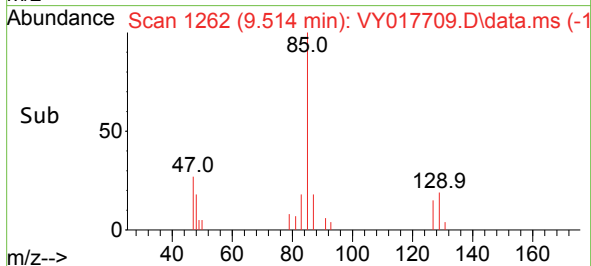
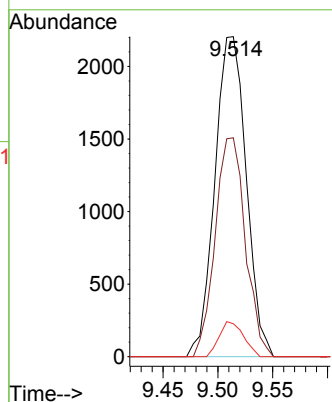
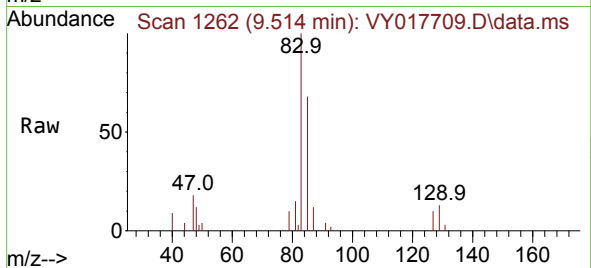
Tgt Ion: 83 Resp: 4390

Ion Ratio Lower Upper

83 100

85 68.4 50.1 75.1

127 10.3 7.4 11.0



#48

Methyl methacrylate

Concen: 2.199 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

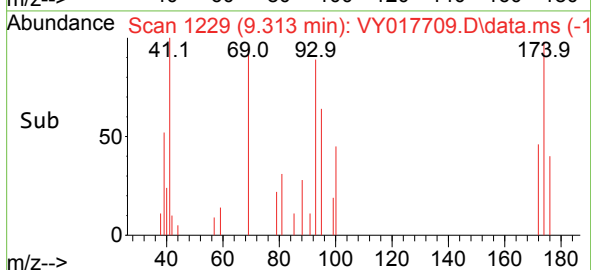
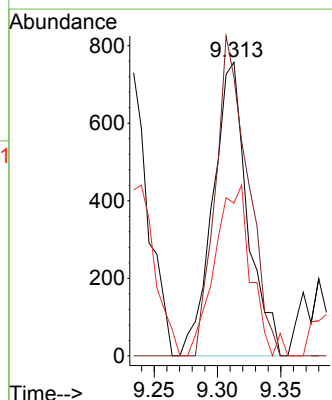
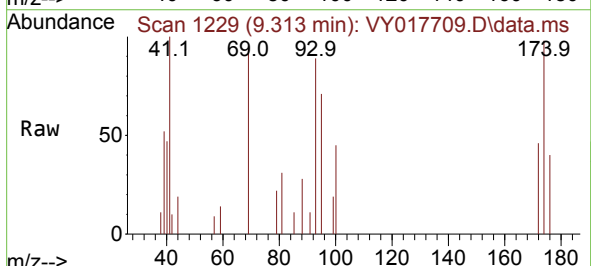
Tgt Ion: 41 Resp: 1441

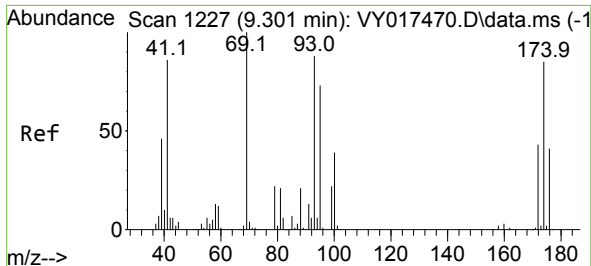
Ion Ratio Lower Upper

41 100

69 102.0 84.1 126.1

39 60.9 43.6 65.4

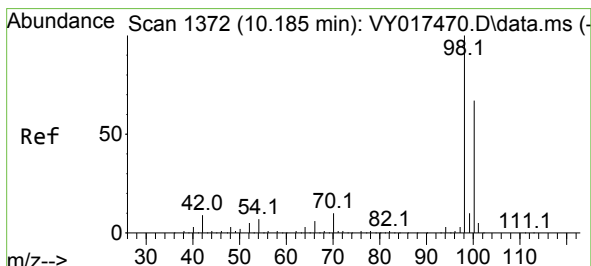
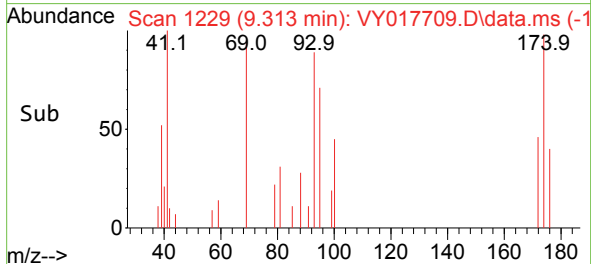
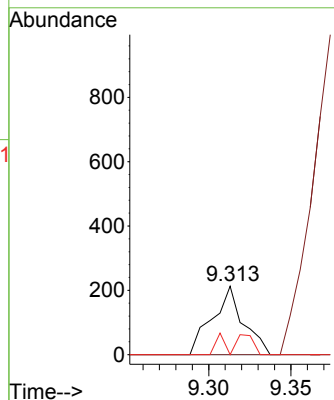
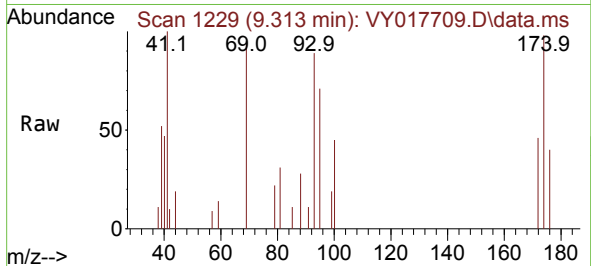




#49
 1,4-Dioxane
 Concen: 29.885 ug/l
 RT: 9.313 min Scan# 1229
 Delta R.T. 0.012 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

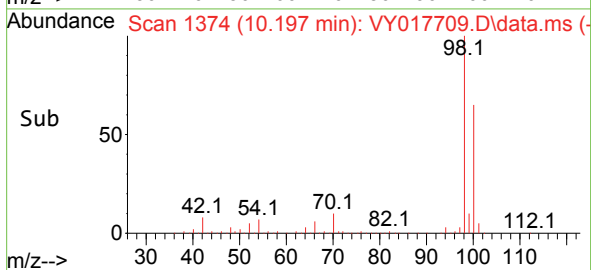
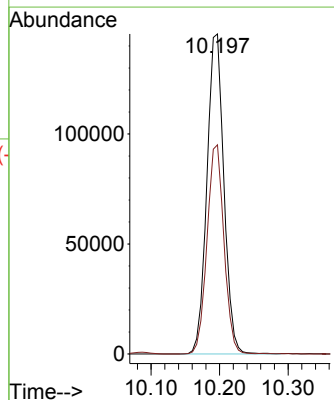
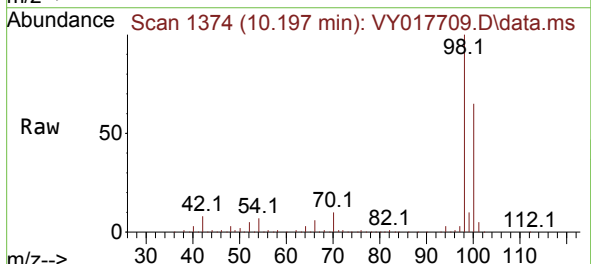
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

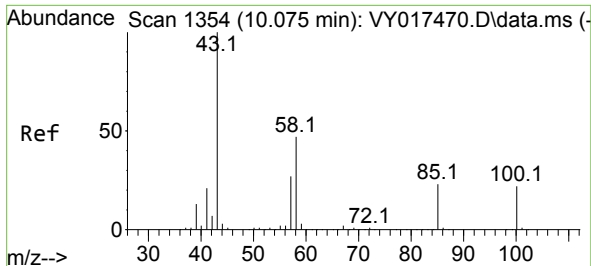
Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 8.6 49.3 73.9#



#50
 Toluene-d8
 Concen: 47.380 ug/l
 RT: 10.197 min Scan# 1374
 Delta R.T. 0.012 min
 Lab File: VY017709.D
 Acq: 19 Mar 2024 13:52

Tgt Ion: 98 Resp: 250484
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 9.264 ug/l

RT: 10.087 min Scan# 1354

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

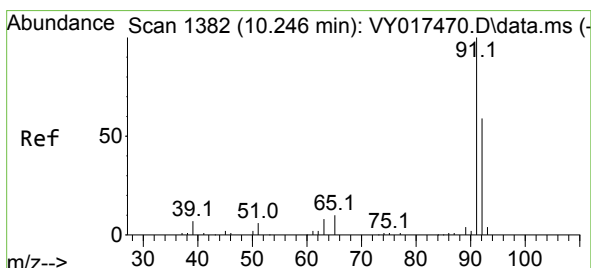
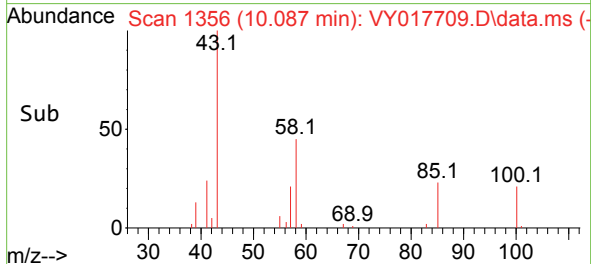
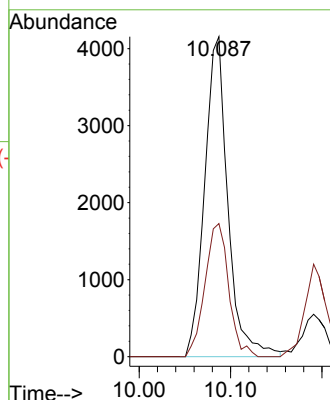
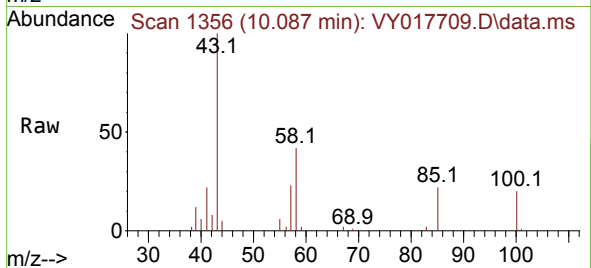
MDL02

Tgt Ion: 43 Resp: 7311

Ion Ratio Lower Upper

43 100

58 42.5 35.7 53.5



#52

Toluene

Concen: 2.128 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017709.D

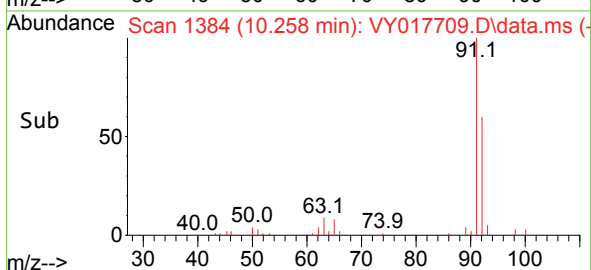
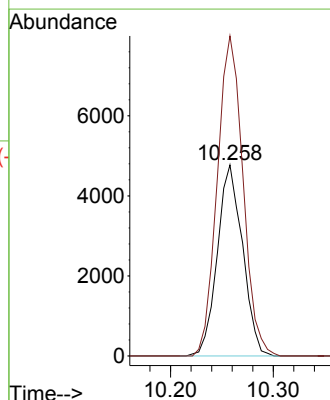
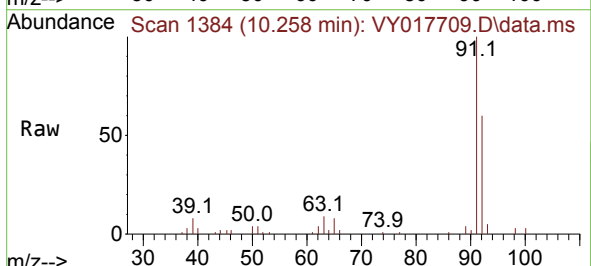
Acq: 19 Mar 2024 13:52

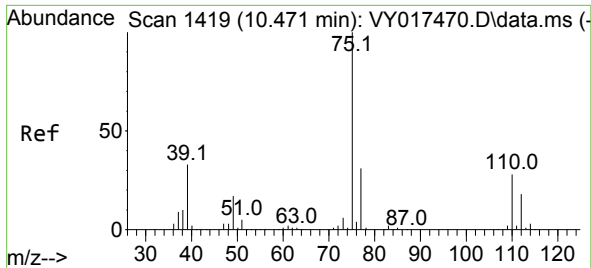
Tgt Ion: 92 Resp: 8126

Ion Ratio Lower Upper

92 100

91 171.0 139.0 208.6

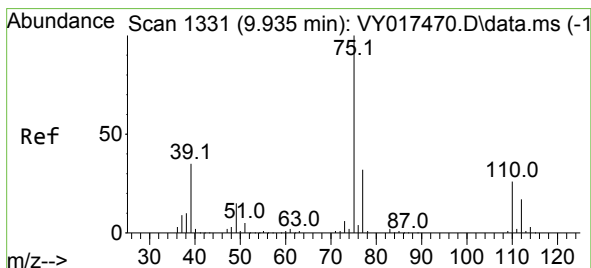
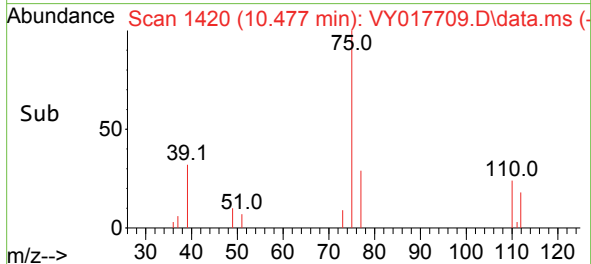
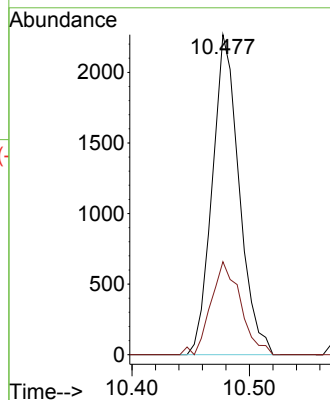
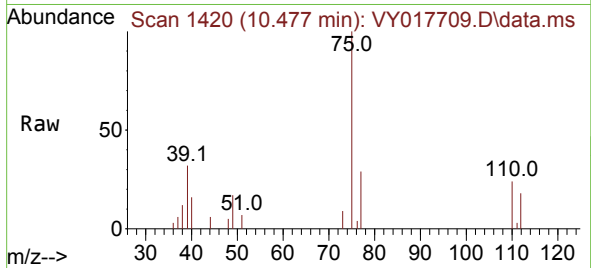




#53
t-1,3-Dichloropropene
Concen: 1.940 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

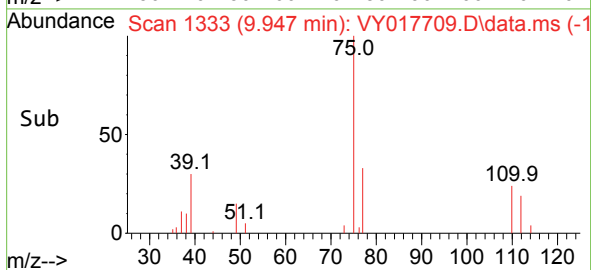
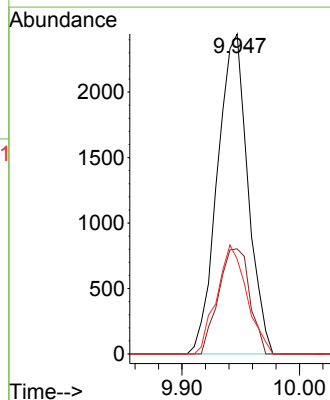
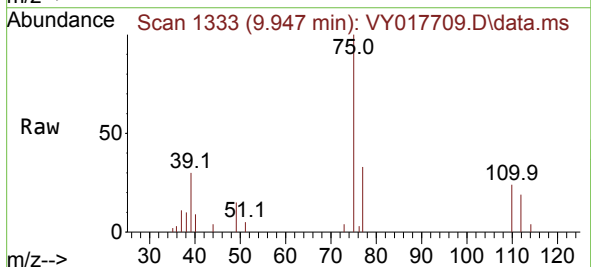
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

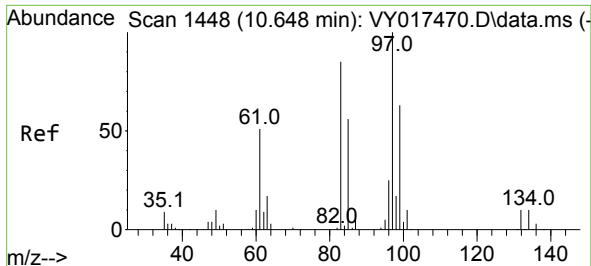
Tgt Ion: 75 Resp: 3606
Ion Ratio Lower Upper
75 100
77 29.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 1.945 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 75 Resp: 4394
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 29.7 29.8 44.6#

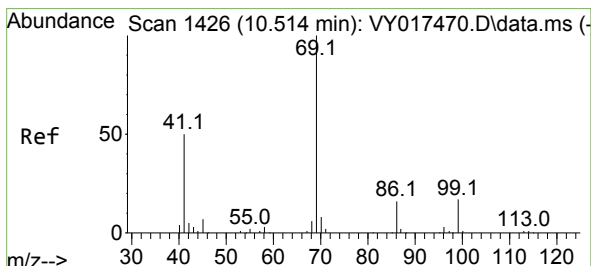
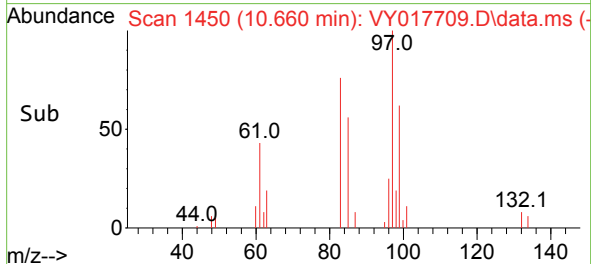
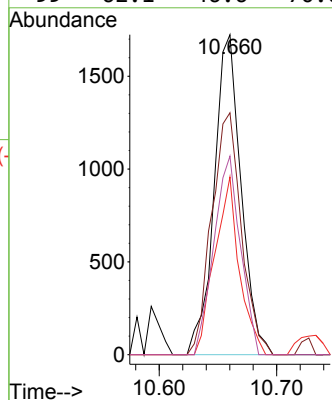
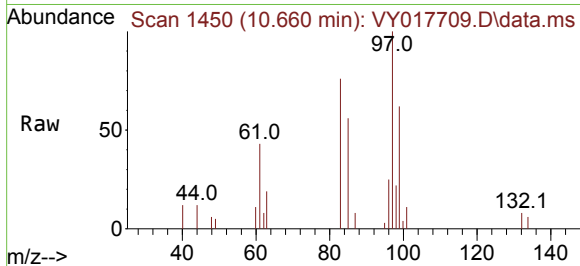




#55
1,1,2-Trichloroethane
Concen: 2.345 ug/l
RT: 10.660 min Scan# 1448
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

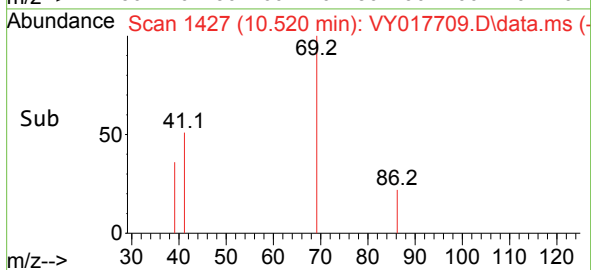
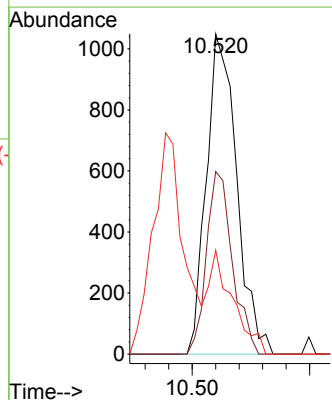
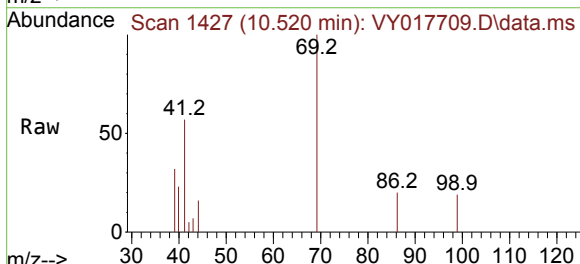
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

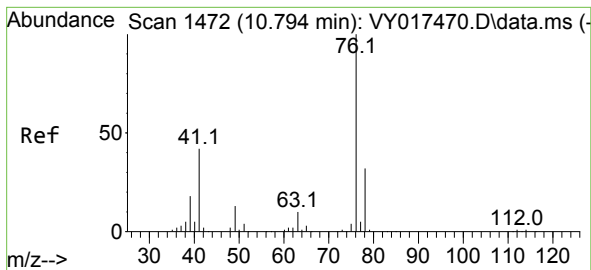
Tgt Ion: 97	Resp: 2747
Ion Ratio	Lower Upper
97 100	
83 75.6	67.5 101.3
85 55.6	42.9 64.3
99 62.1	46.6 70.0



#56
Ethyl methacrylate
Concen: 1.433 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 69	Resp: 1882
Ion Ratio	Lower Upper
69 100	
41 48.8	42.3 63.5
39 26.1	22.9 34.3





#57

1,3-Dichloropropane

Concen: 2.168 ug/l

RT: 10.800 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

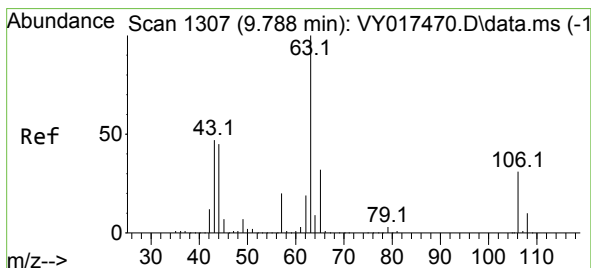
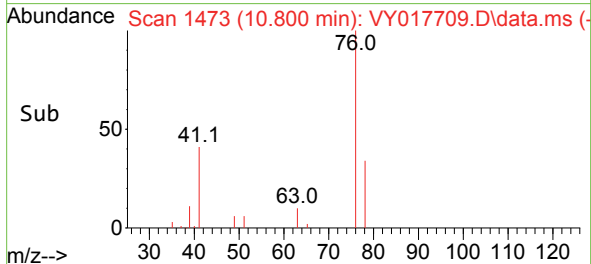
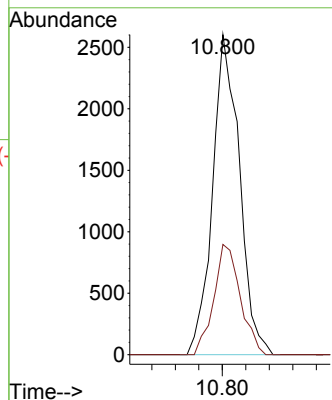
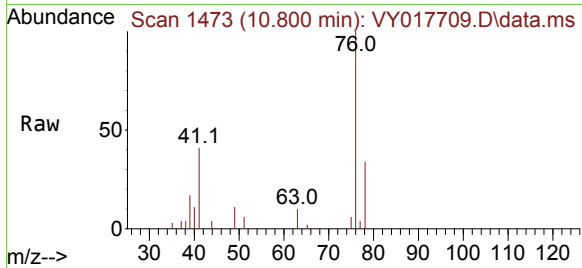
MDL02

Tgt Ion: 76 Resp: 4128

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 9.355 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017709.D

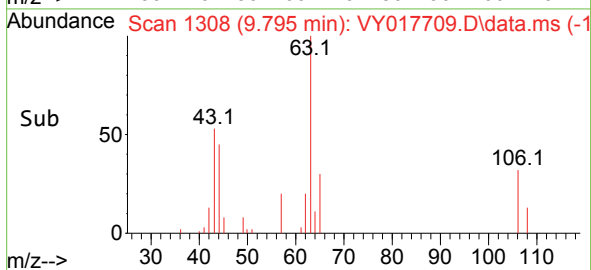
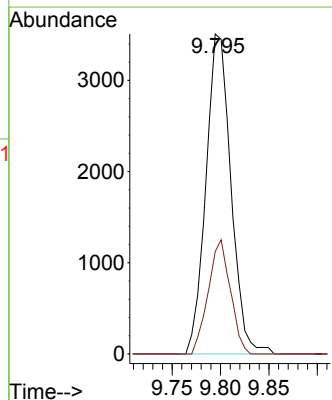
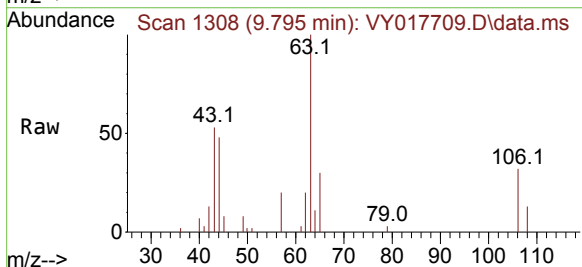
Acq: 19 Mar 2024 13:52

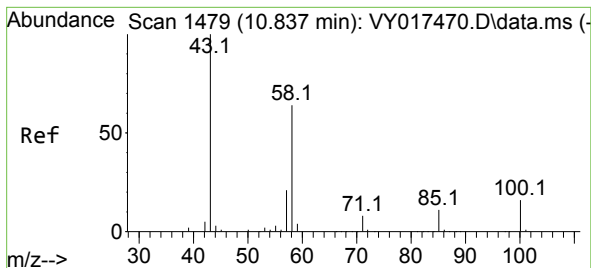
Tgt Ion: 63 Resp: 6323

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5





#59

2-Hexanone

Concen: 9.394 ug/l

RT: 10.843 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

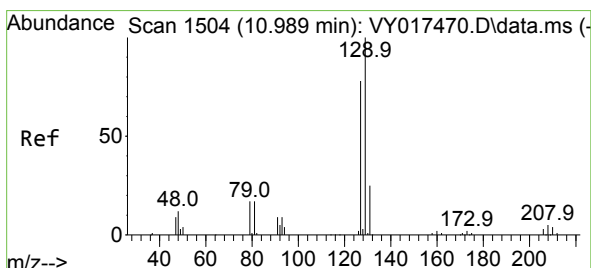
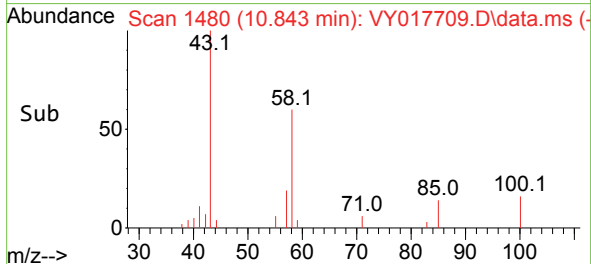
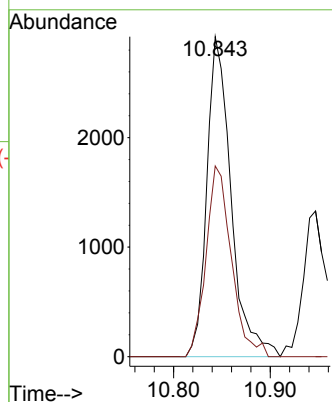
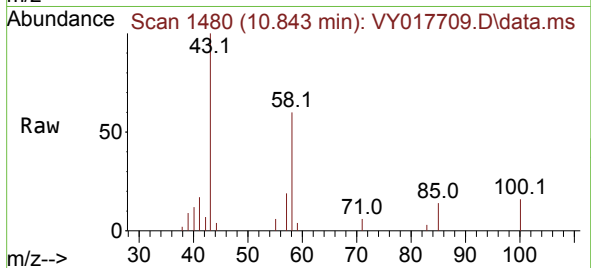
MDL02

Tgt Ion: 43 Resp: 5092

Ion Ratio Lower Upper

43 100

58 62.5 31.4 94.0



#60

Dibromochloromethane

Concen: 2.229 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017709.D

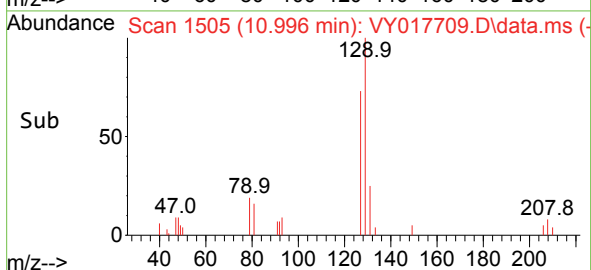
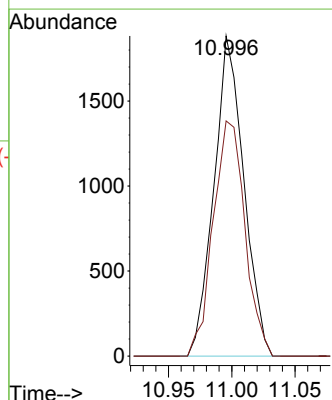
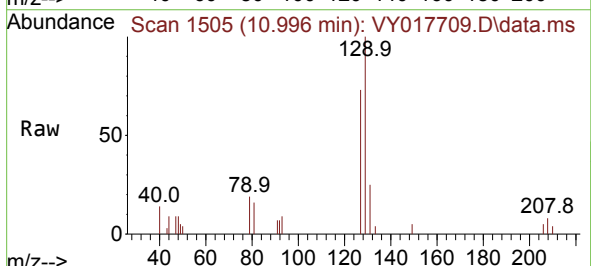
Acq: 19 Mar 2024 13:52

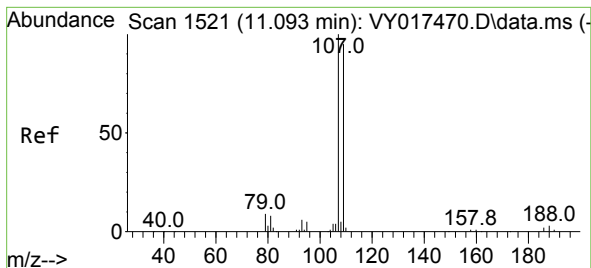
Tgt Ion: 129 Resp: 3089

Ion Ratio Lower Upper

129 100

127 78.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 1.987 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

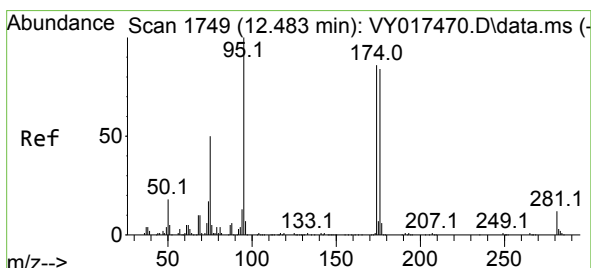
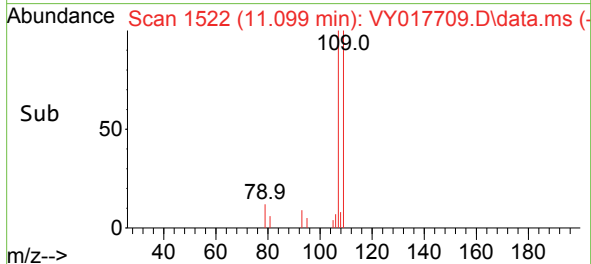
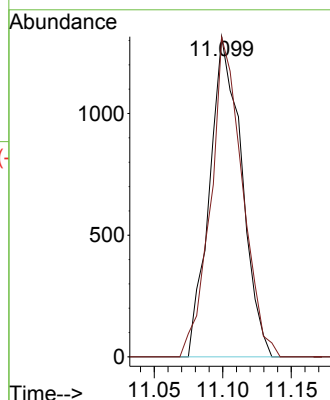
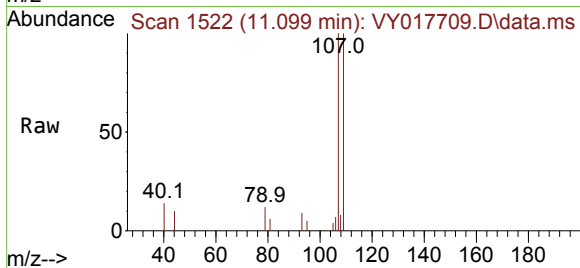
MDL02

Tgt Ion:107 Resp: 2145

Ion Ratio Lower Upper

107 100

109 98.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 42.863 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

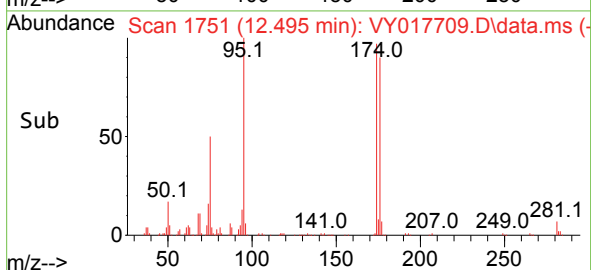
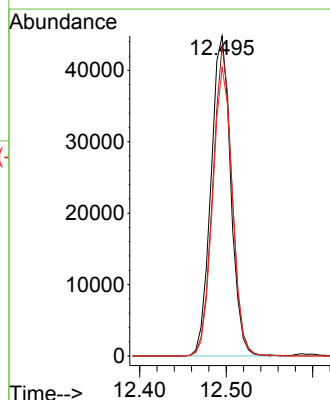
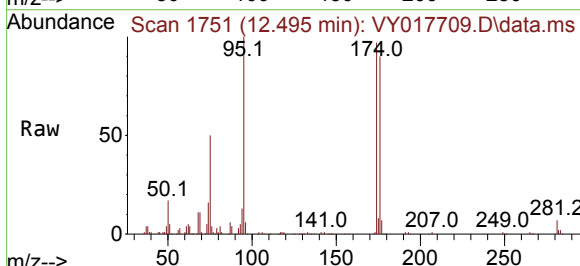
Tgt Ion: 95 Resp: 71217

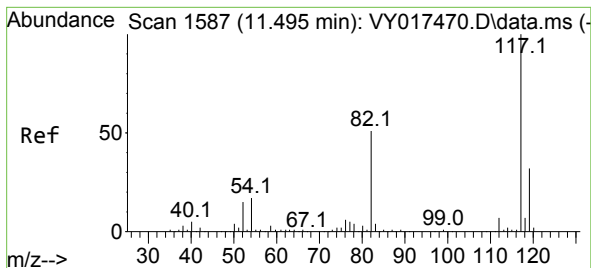
Ion Ratio Lower Upper

95 100

174 94.1 0.0 175.6

176 89.8 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: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

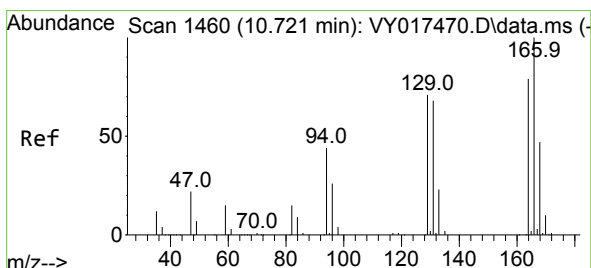
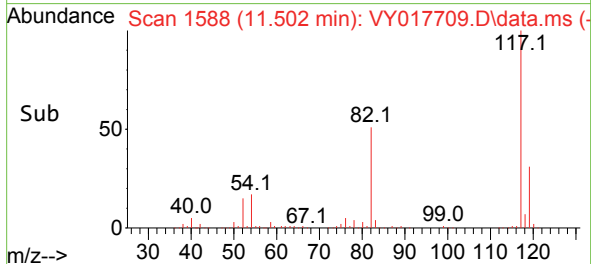
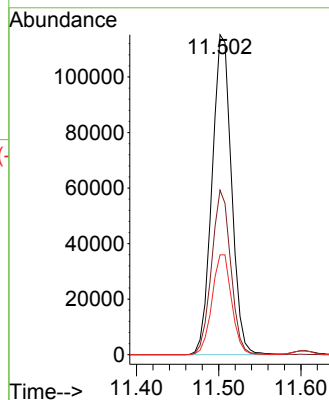
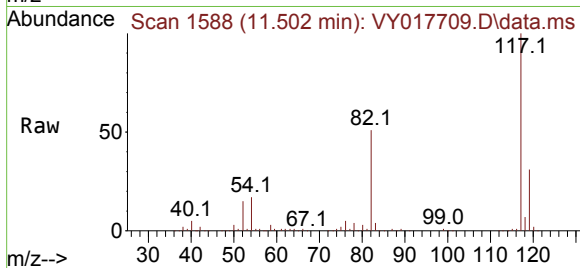
Tgt Ion:117 Resp: 189637

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 2.068 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Tgt Ion:164 Resp: 3764

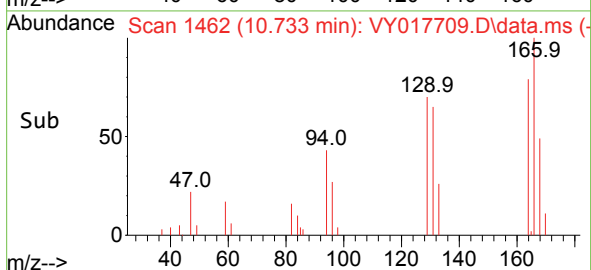
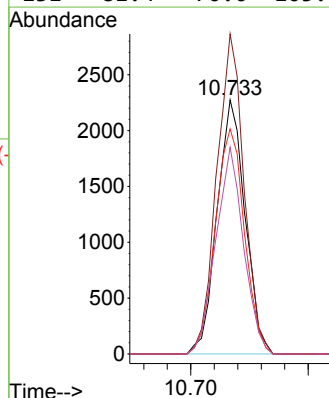
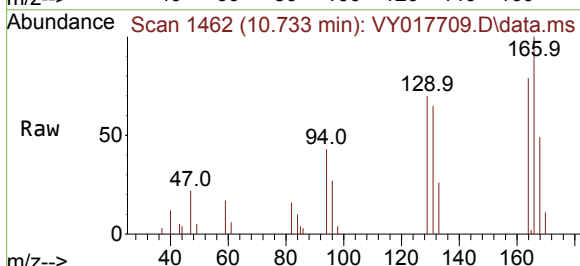
Ion Ratio Lower Upper

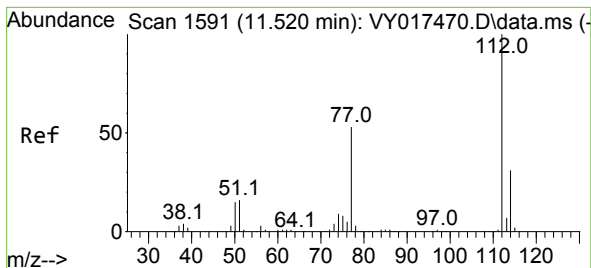
164 100

166 125.9 102.6 154.0

129 88.6 72.0 108.0

131 81.4 70.0 105.0





#65

Chlorobenzene

Concen: 2.199 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

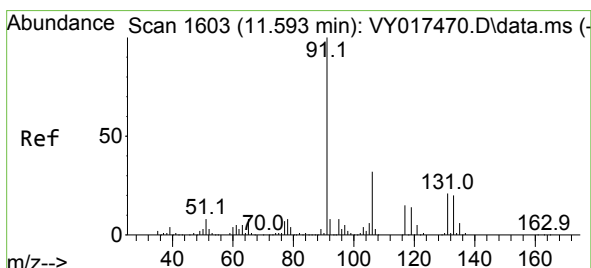
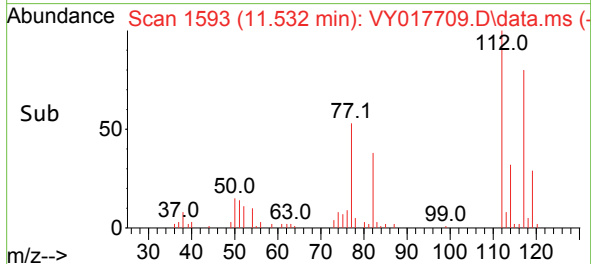
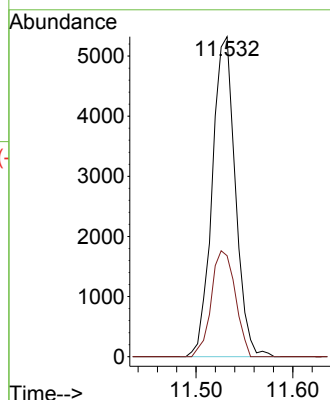
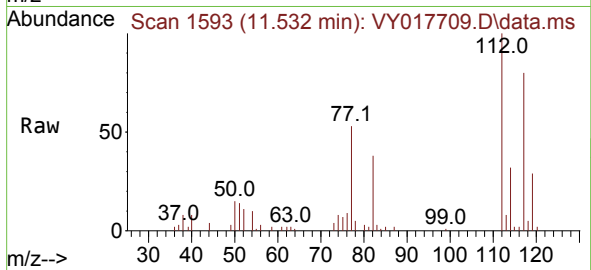
MDL02

Tgt Ion:112 Resp: 8852

Ion Ratio Lower Upper

112 100

114 31.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 2.268 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

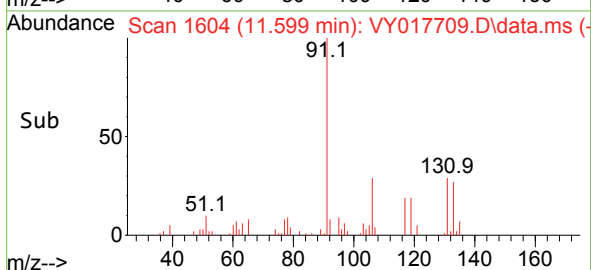
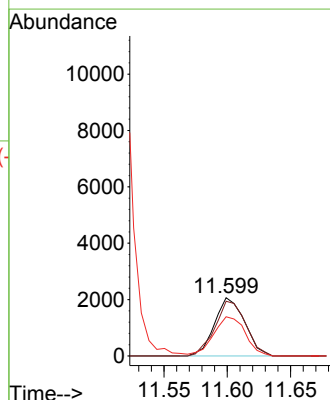
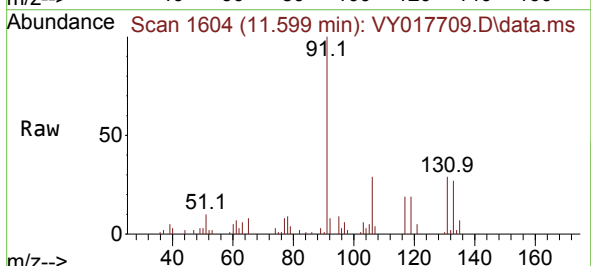
Tgt Ion:131 Resp: 3420

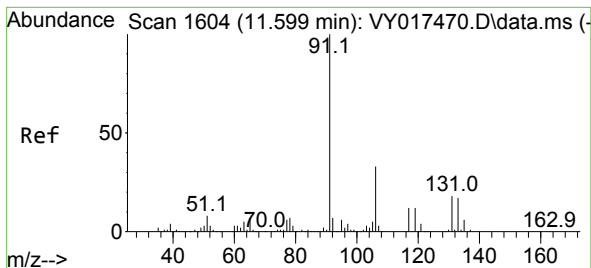
Ion Ratio Lower Upper

131 100

133 96.2 47.8 143.3

119 70.8 34.1 102.2





#67

Ethyl Benzene

Concen: 1.947 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

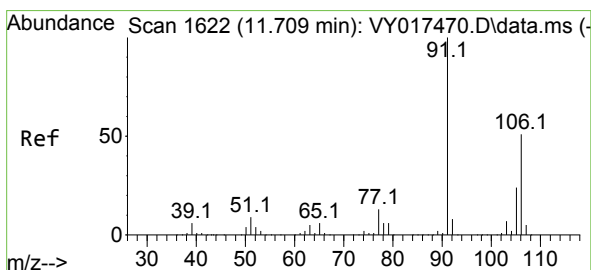
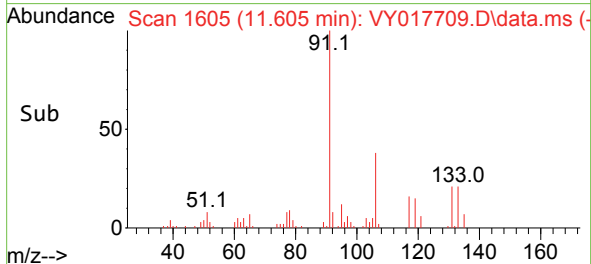
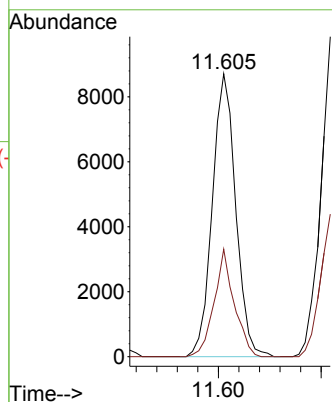
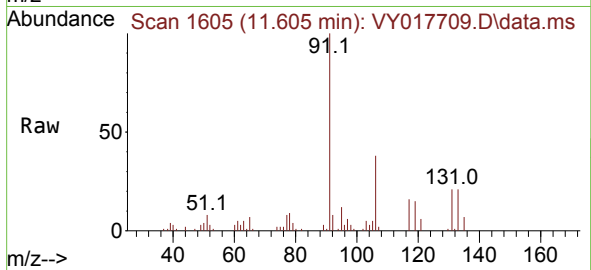
MDL02

Tgt Ion: 91 Resp: 13741

Ion Ratio Lower Upper

91 100

106 38.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 3.446 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017709.D

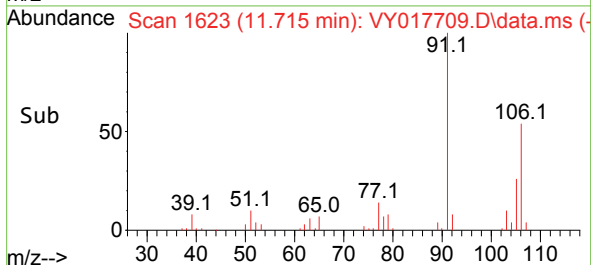
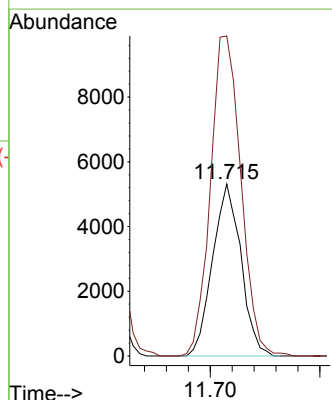
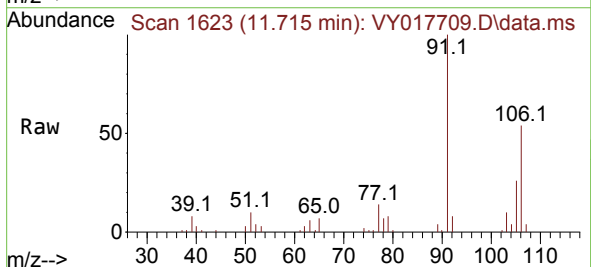
Acq: 19 Mar 2024 13:52

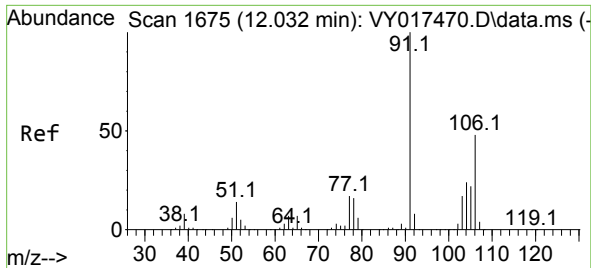
Tgt Ion:106 Resp: 9558

Ion Ratio Lower Upper

106 100

91 199.6 156.0 234.0

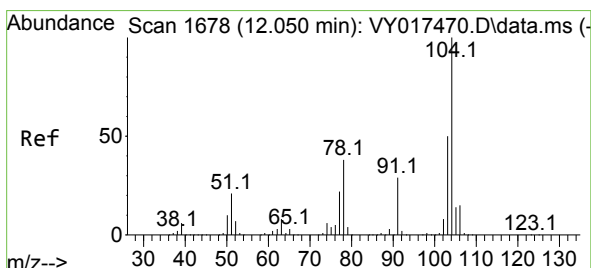
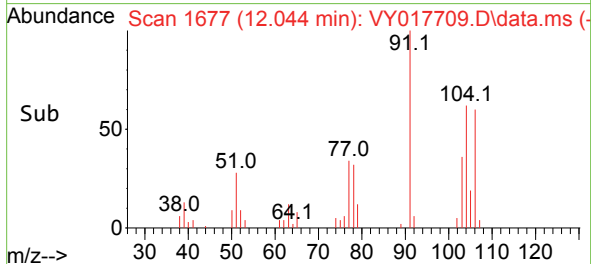
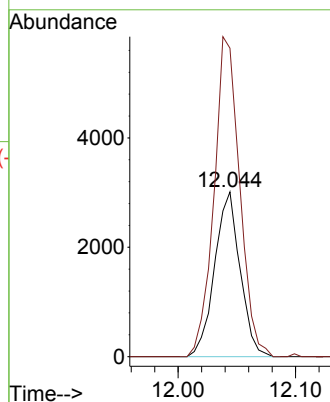
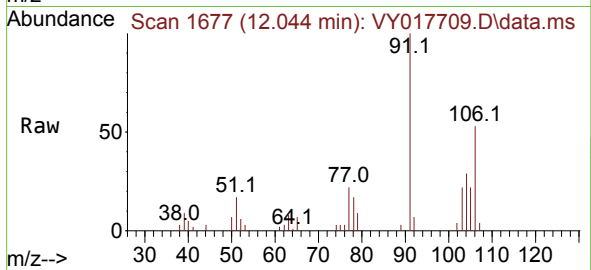




#69
o-Xylene
Concen: 1.760 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

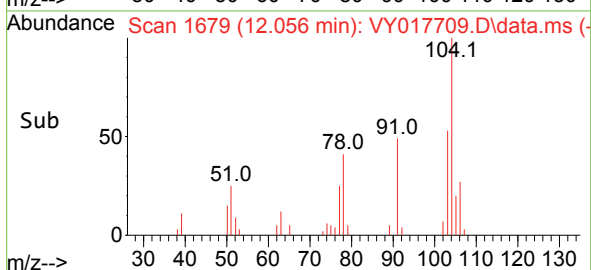
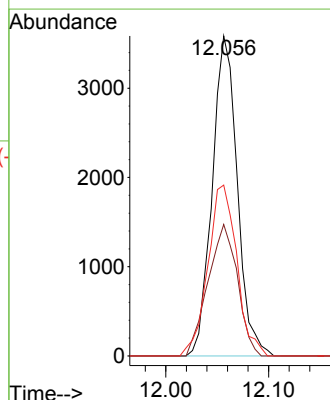
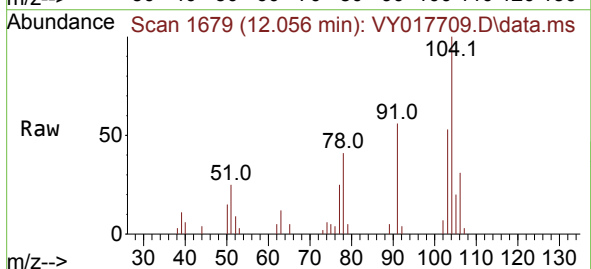
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

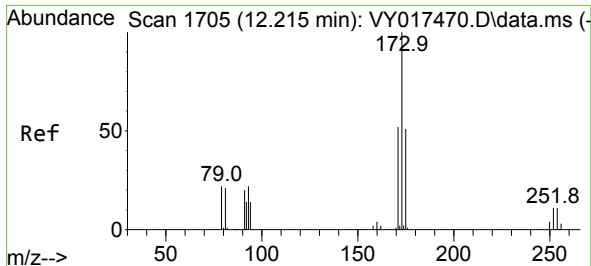
Tgt Ion:106 Resp: 4530
Ion Ratio Lower Upper
106 100
91 196.2 103.6 310.8



#70
Styrene
Concen: 1.421 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion:104 Resp: 6070
Ion Ratio Lower Upper
104 100
78 48.2 37.0 55.4
103 61.5 44.2 66.2

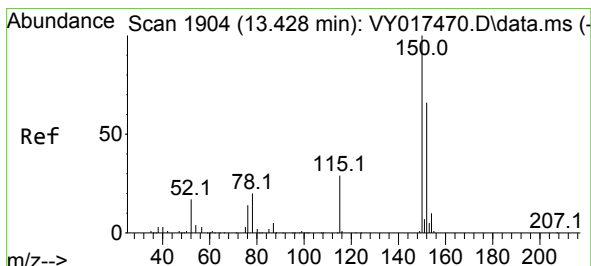
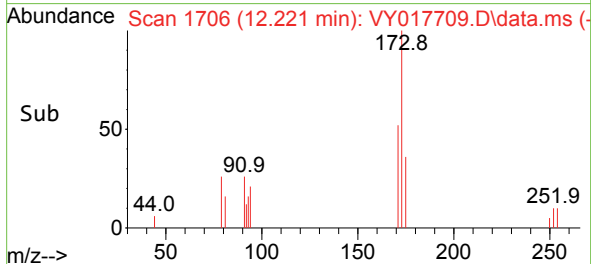
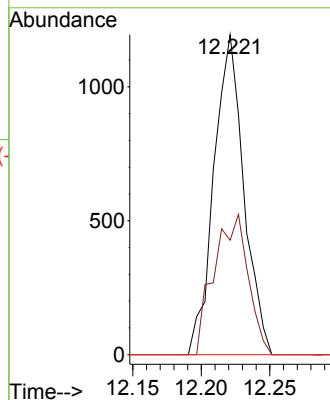
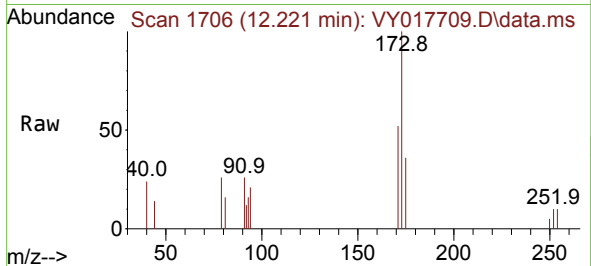




#71
Bromoform
Concen: 2.167 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

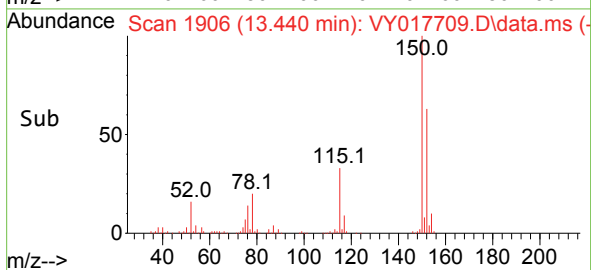
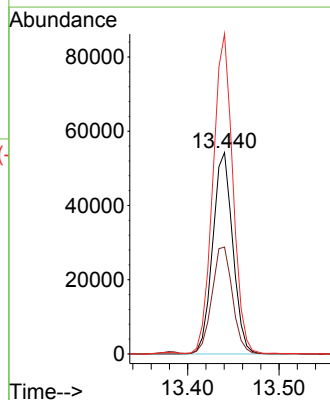
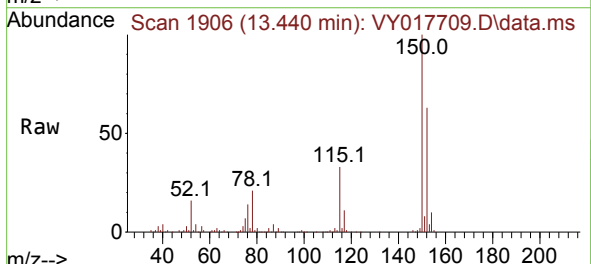
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

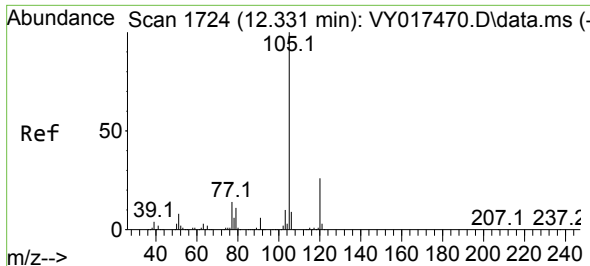
Tgt Ion:173 Resp: 1811
Ion Ratio Lower Upper
173 100
175 50.2 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion:152 Resp: 82735
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 158.4 0.0 345.6

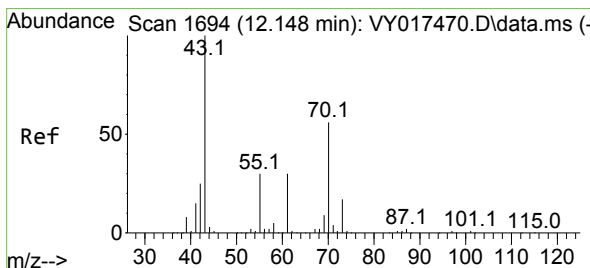
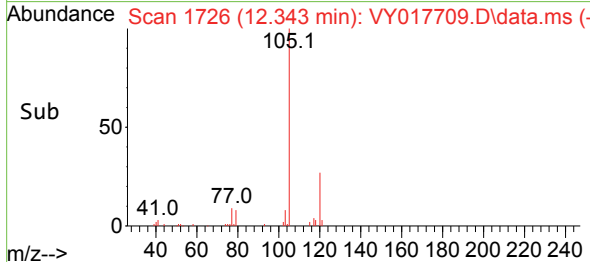
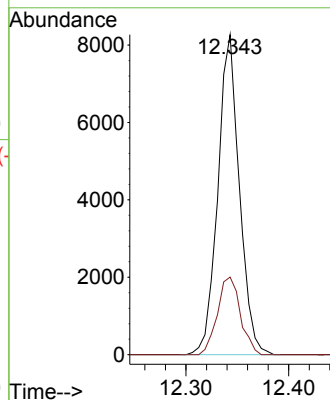
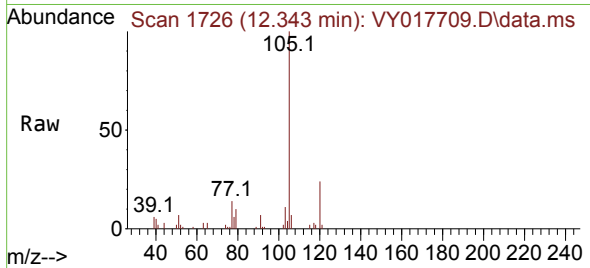




#73
Isopropylbenzene
Concen: 1.952 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

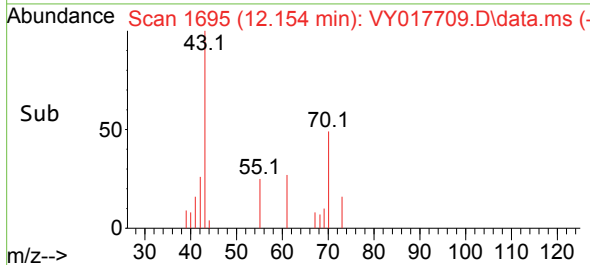
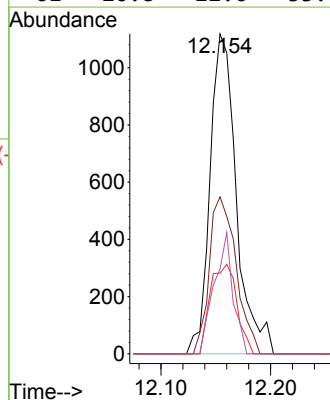
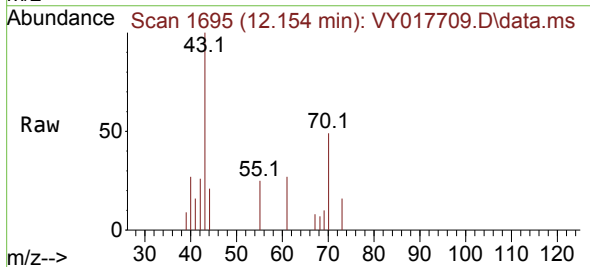
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

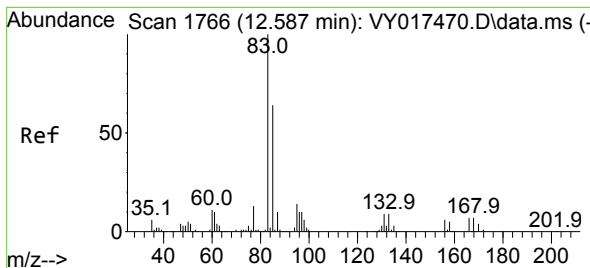
Tgt Ion:105 Resp: 11998
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#74
N-ethyl acetate
Concen: 1.721 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
70 50.1 41.4 62.2
55 28.2 23.3 34.9
61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.841 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

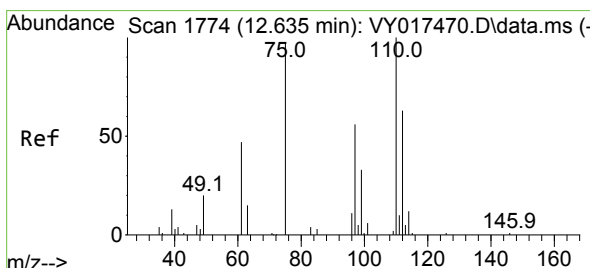
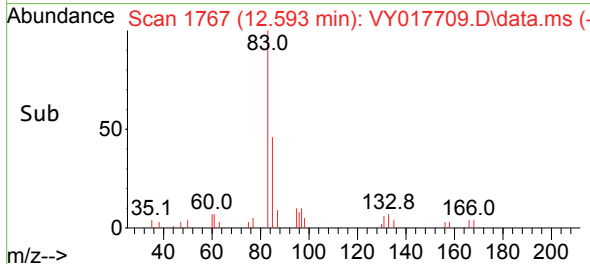
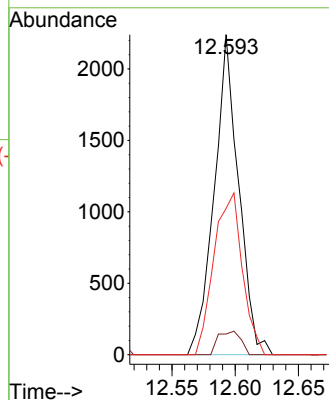
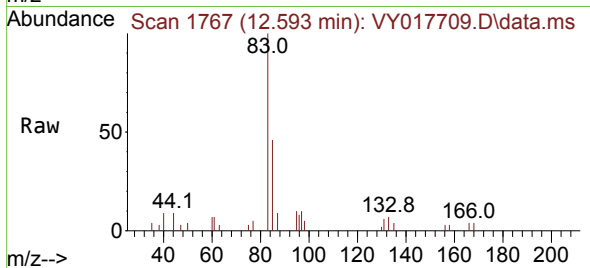
Tgt Ion: 83 Resp: 2999

Ion Ratio Lower Upper

83 100

131 6.8 5.0 14.9

85 59.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.496 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017709.D

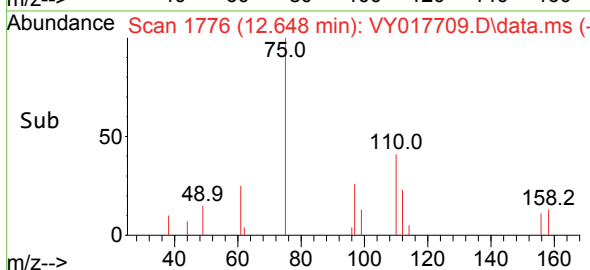
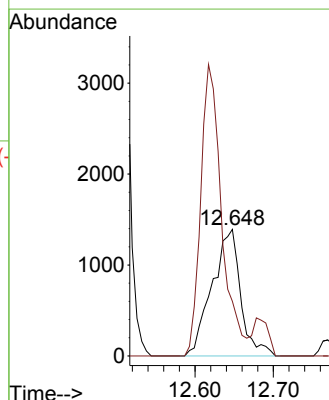
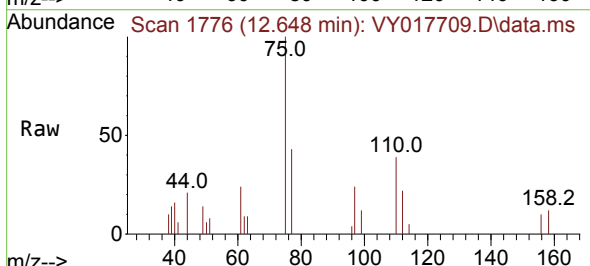
Acq: 19 Mar 2024 13:52

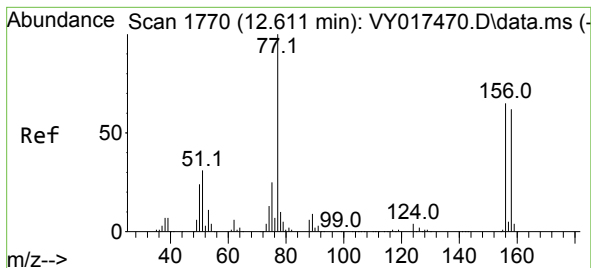
Tgt Ion: 75 Resp: 3534

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.429 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

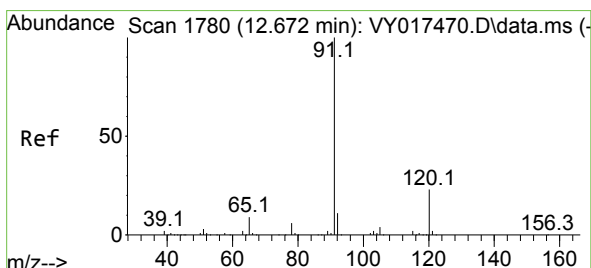
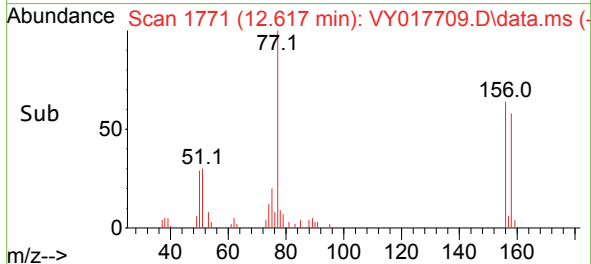
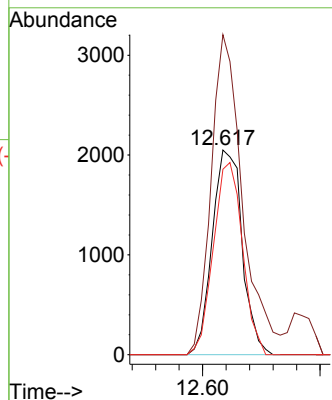
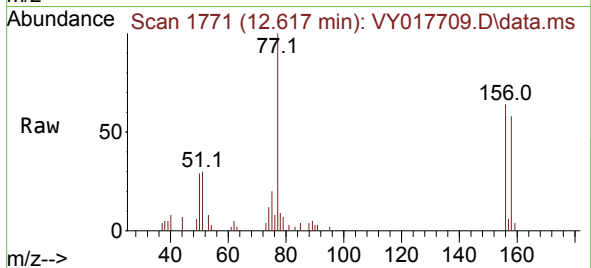
Tgt Ion:156 Resp: 3616

Ion Ratio Lower Upper

156 100

77 164.7 87.1 261.3

158 91.6 48.6 145.9



#78

n-propylbenzene

Concen: 2.093 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017709.D

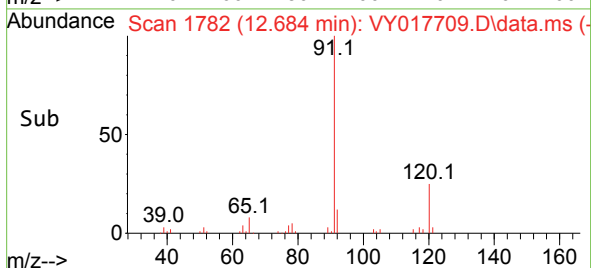
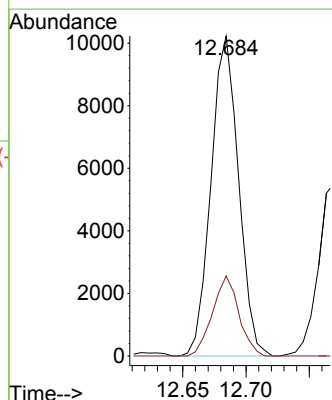
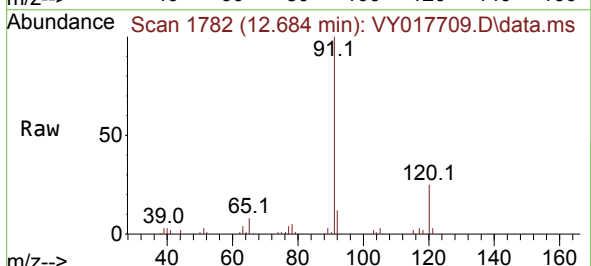
Acq: 19 Mar 2024 13:52

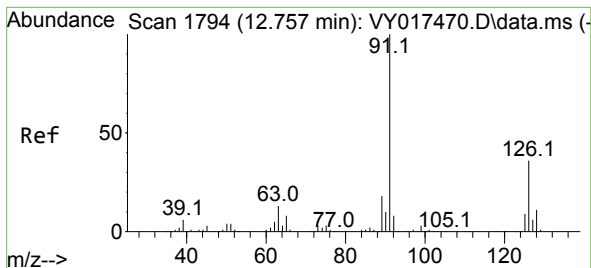
Tgt Ion: 91 Resp: 15433

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.161 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

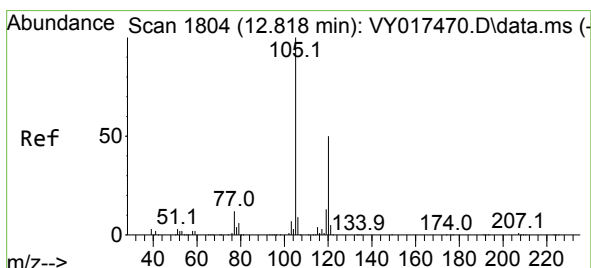
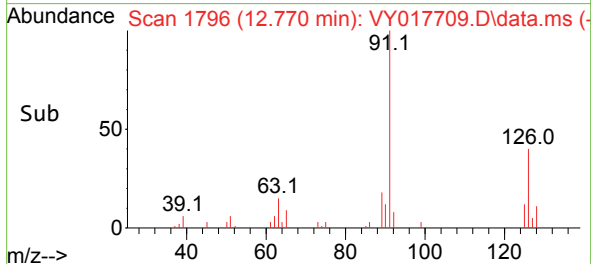
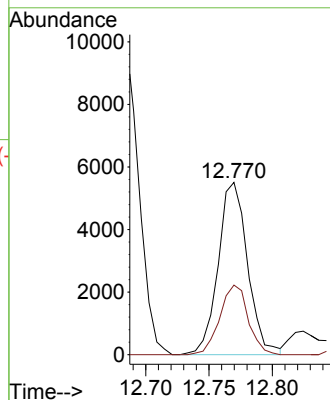
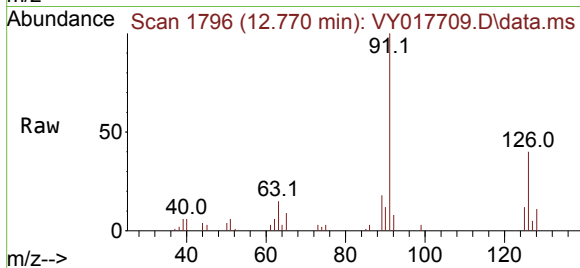
MDL02

Tgt Ion: 91 Resp: 8923

Ion Ratio Lower Upper

91 100

126 38.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 1.981 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017709.D

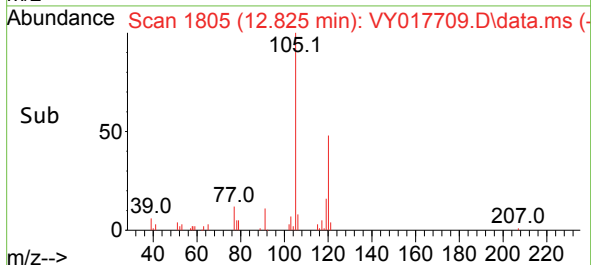
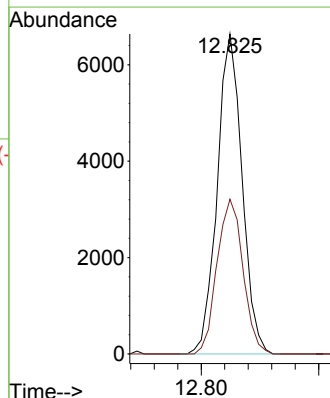
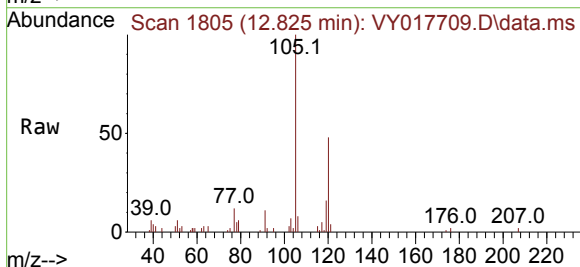
Acq: 19 Mar 2024 13:52

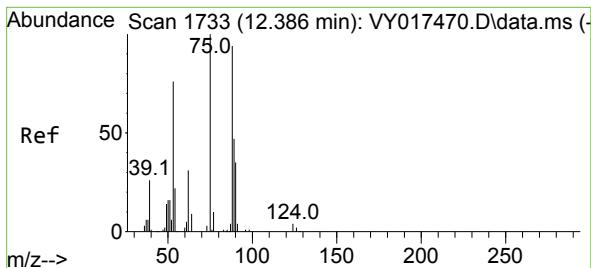
Tgt Ion:105 Resp: 9756

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

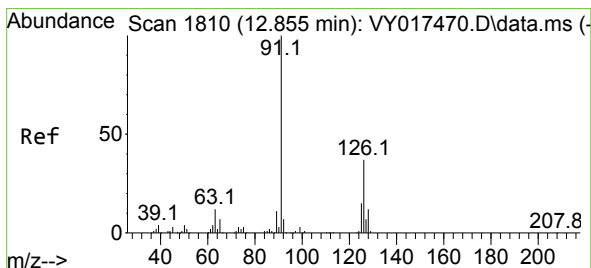
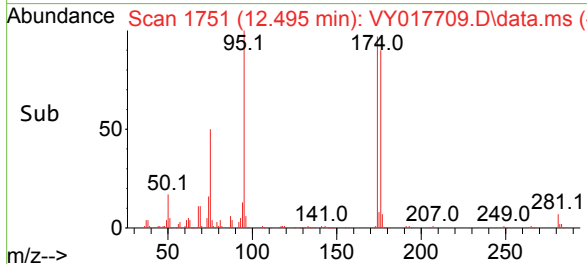
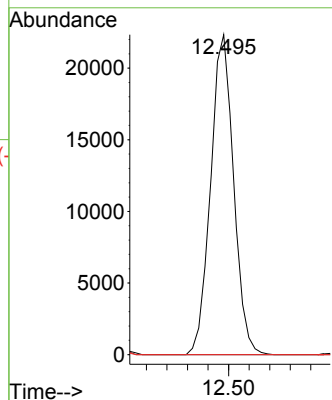
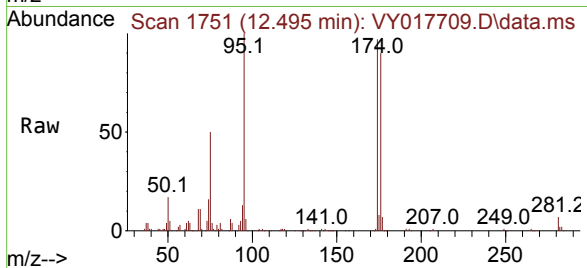




#81
trans-1,4-Dichloro-2-butene
Concen: 101.430 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

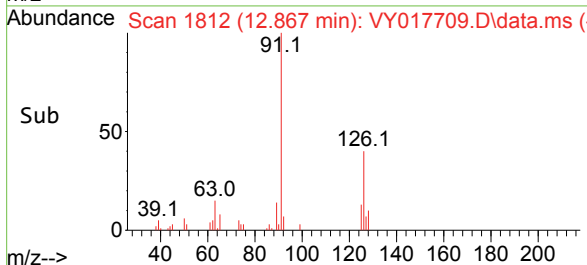
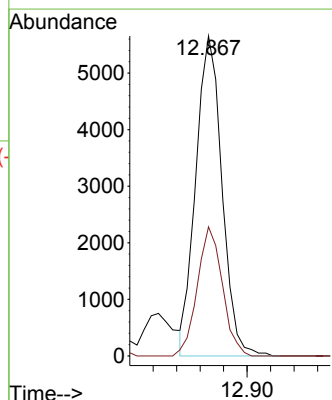
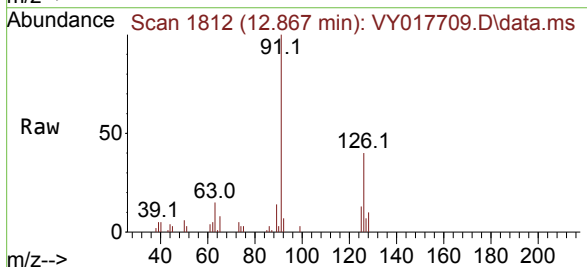
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

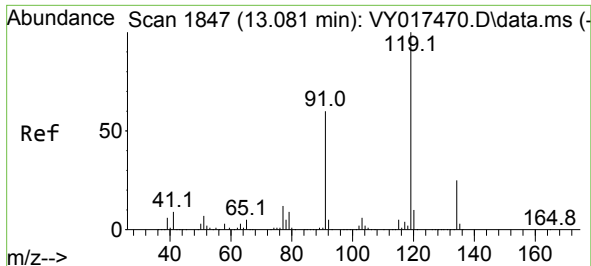
Tgt Ion: 75 Resp: 34701
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.070 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion: 91 Resp: 8743
Ion Ratio Lower Upper
91 100
126 38.6 17.6 52.9

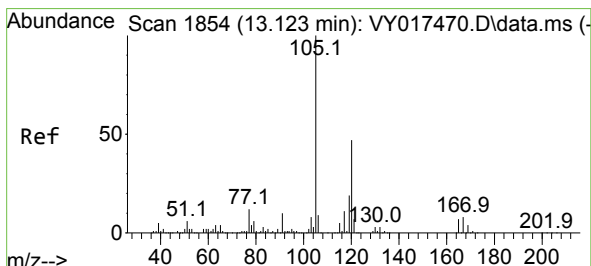
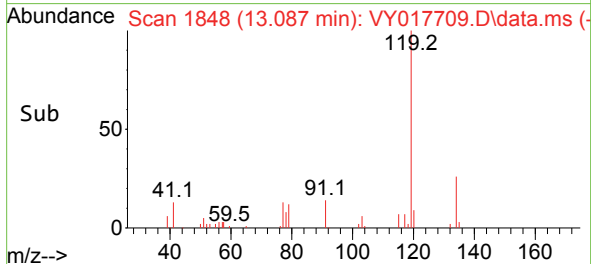
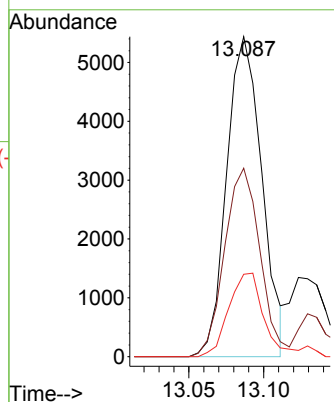
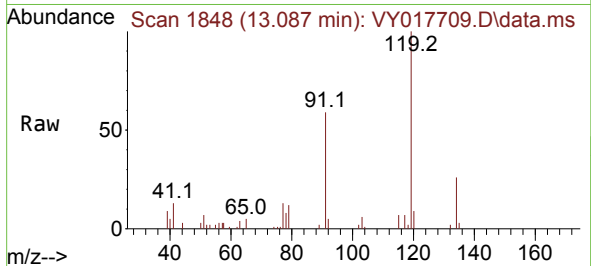




#83
tert-Butylbenzene
Concen: 2.061 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

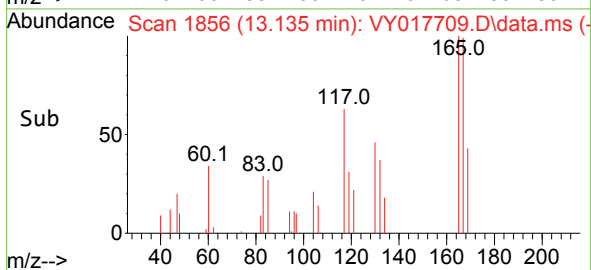
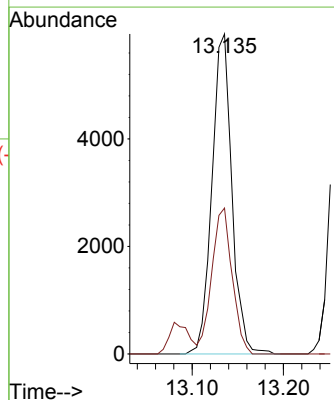
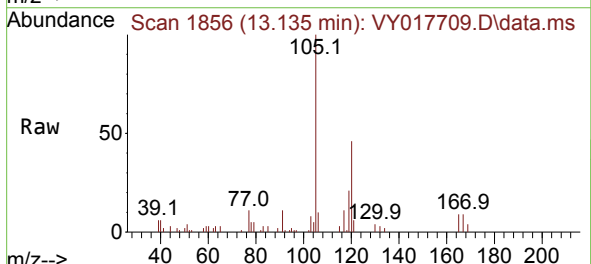
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

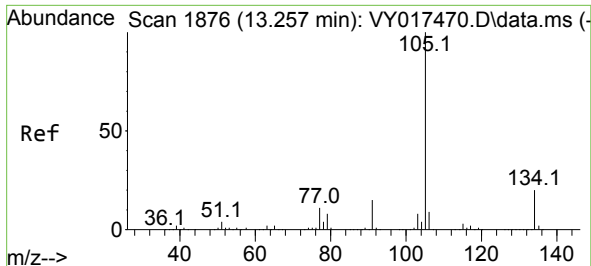
Tgt Ion:119	Resp:	8914
Ion	Ratio	Lower Upper
119	100	
91	59.3	31.3 93.8
134	27.1	13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 1.851 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.012 min
Lab File: VY017709.D
Acq: 19 Mar 2024 13:52

Tgt Ion:105	Resp:	8999
Ion	Ratio	Lower Upper
105	100	
120	46.7	23.2 69.6





#85

sec-Butylbenzene

Concen: 1.873 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

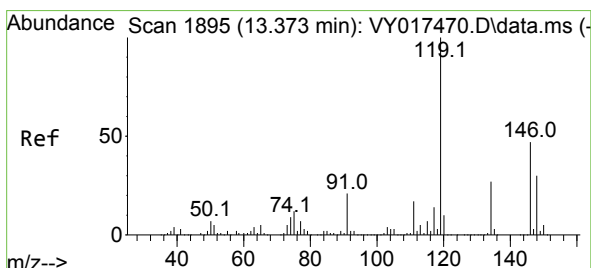
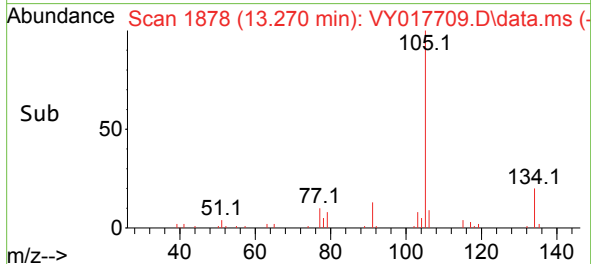
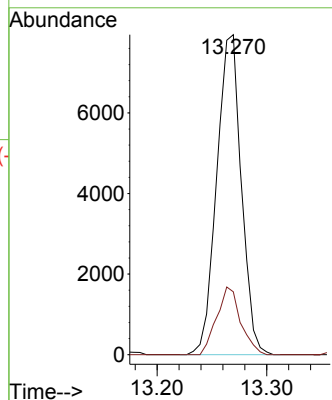
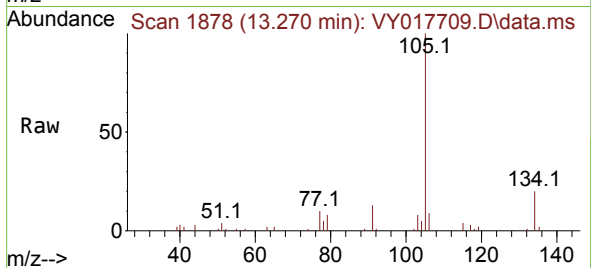
MDL02

Tgt Ion:105 Resp: 12386

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.769 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

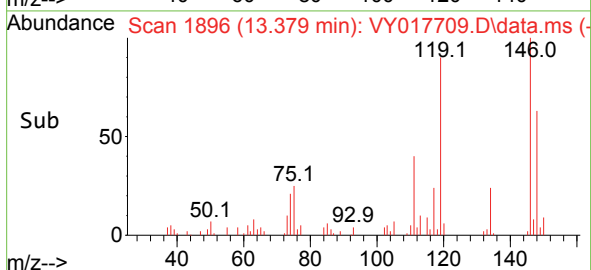
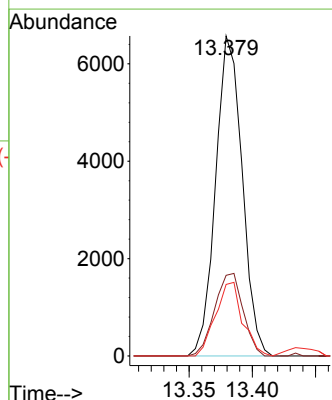
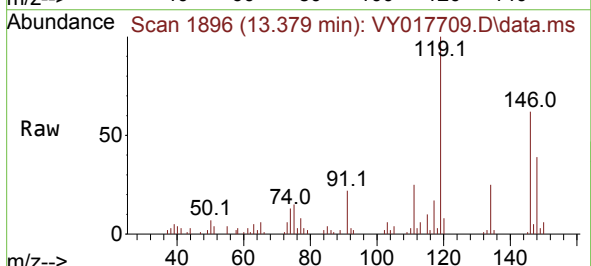
Tgt Ion:119 Resp: 9575

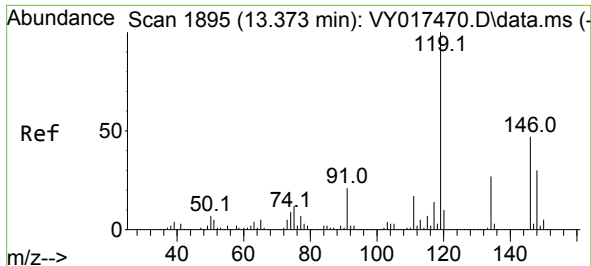
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 23.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.192 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

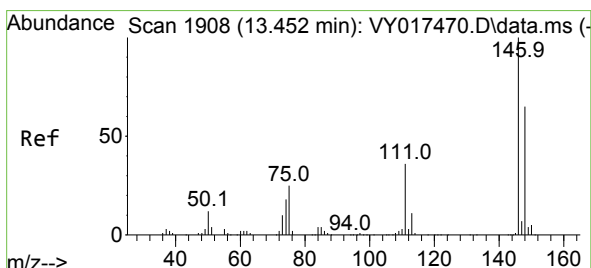
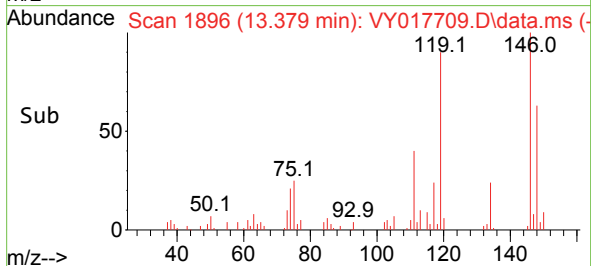
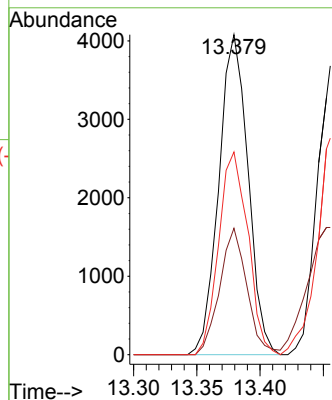
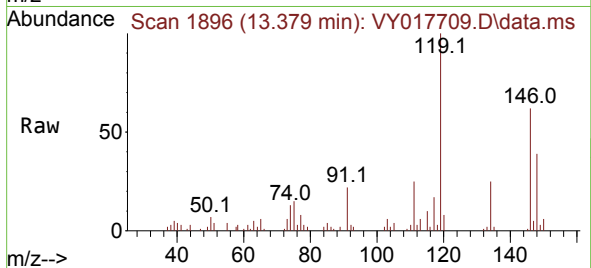
Tgt Ion:146 Resp: 6549

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.304 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

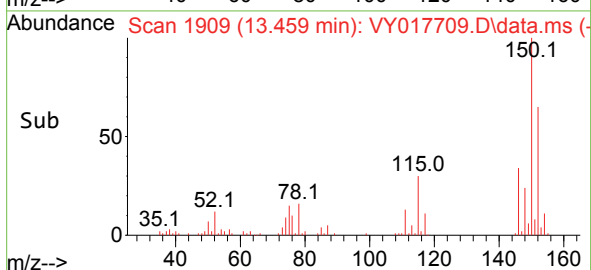
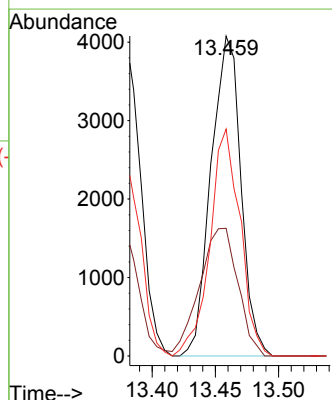
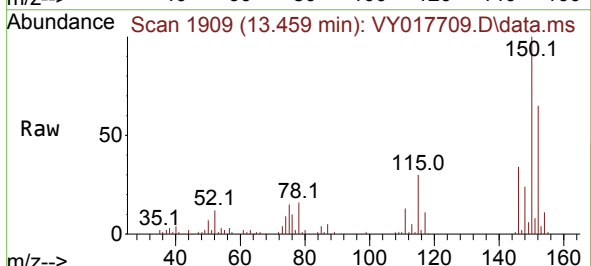
Tgt Ion:146 Resp: 6692

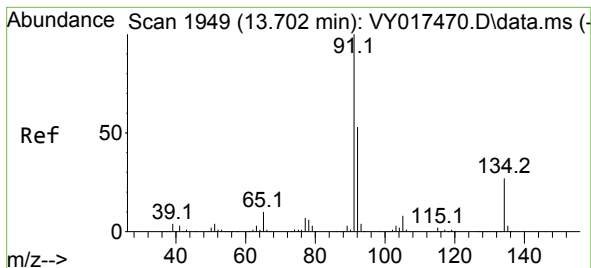
Ion Ratio Lower Upper

146 100

111 51.2 18.4 55.4

148 71.8 32.4 97.2





#89

n-Butylbenzene

Concen: 1.922 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

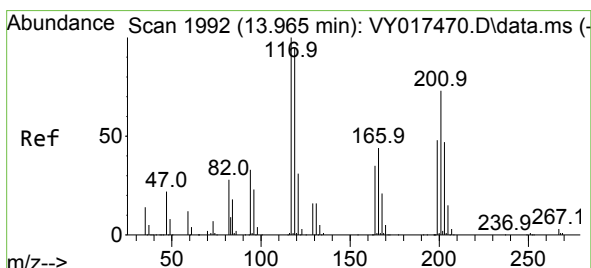
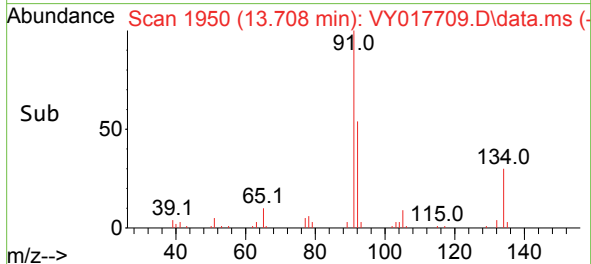
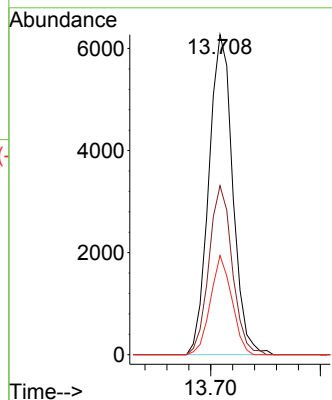
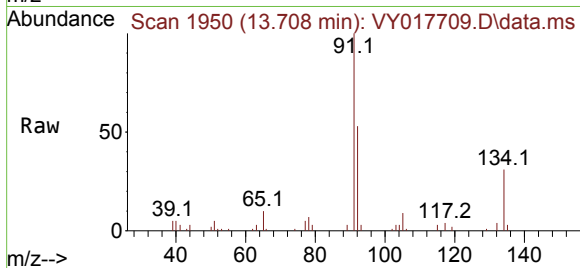
Tgt Ion: 91 Resp: 9492

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.7

134 27.7 12.9 38.7



#90

Hexachloroethane

Concen: 2.433 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017709.D

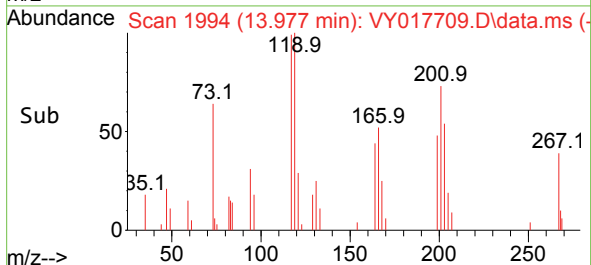
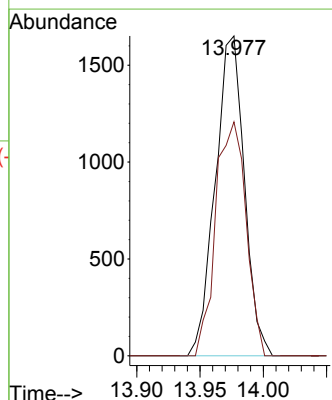
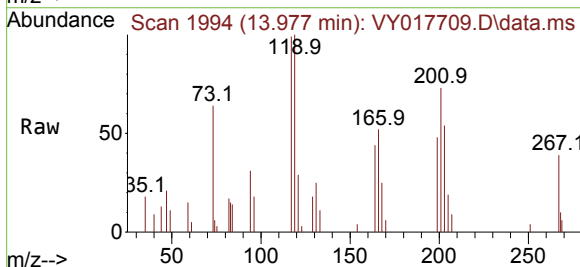
Acq: 19 Mar 2024 13:52

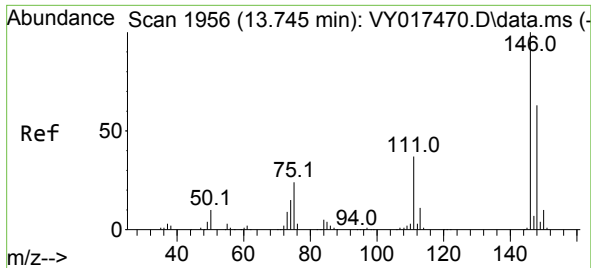
Tgt Ion: 117 Resp: 2640

Ion Ratio Lower Upper

117 100

201 76.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.233 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

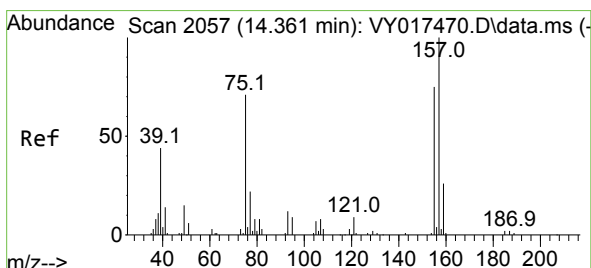
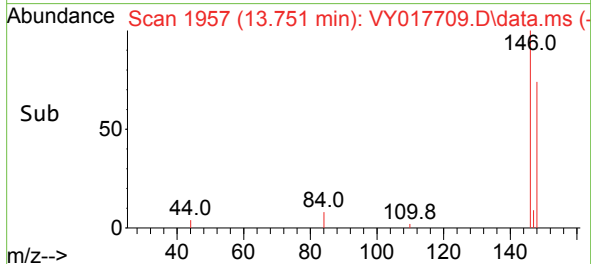
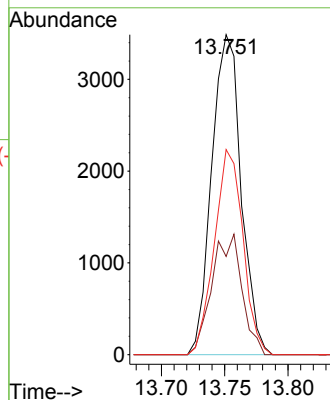
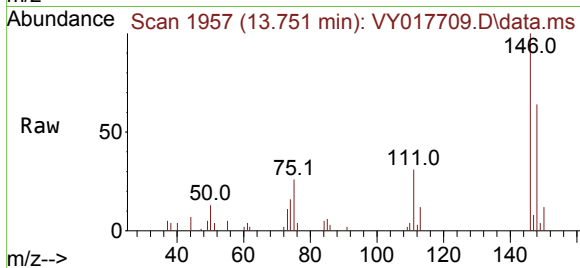
Tgt Ion:146 Resp: 5643

Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

148 62.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.813 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

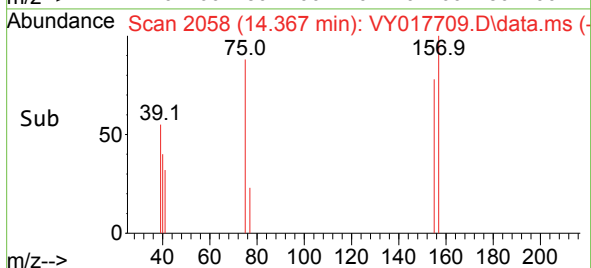
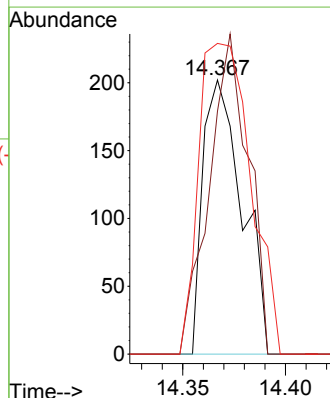
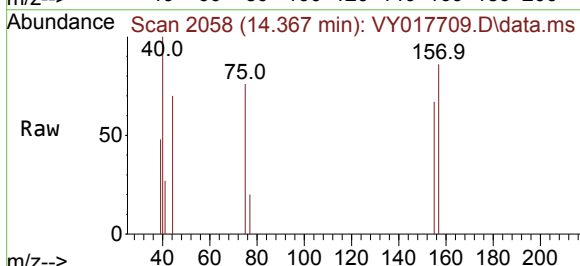
Tgt Ion: 75 Resp: 269

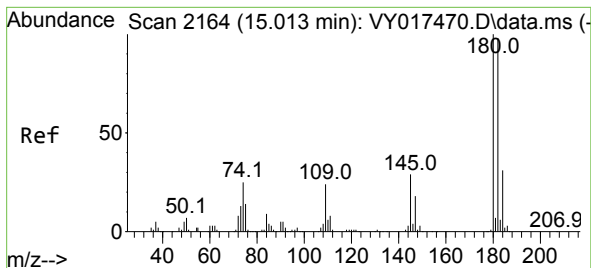
Ion Ratio Lower Upper

75 100

155 116.0 48.6 145.8

157 149.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 1.767 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

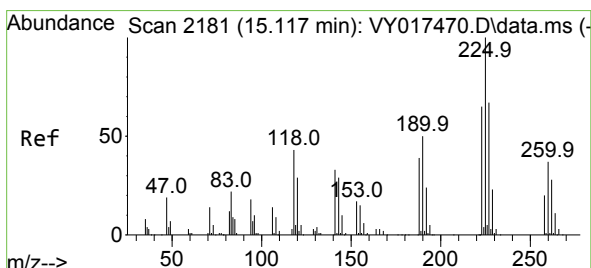
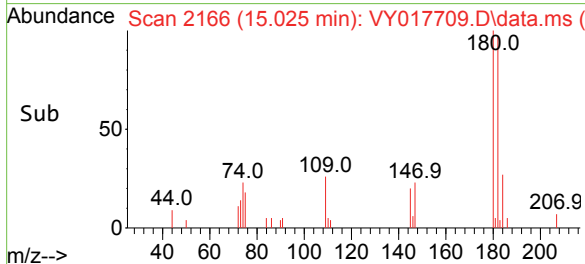
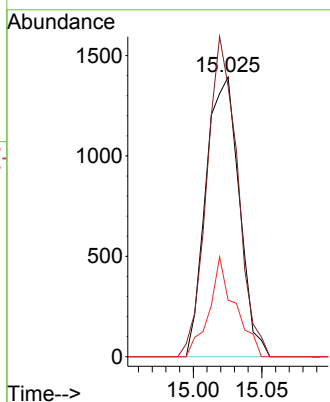
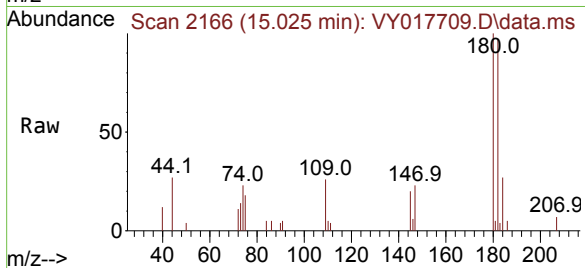
Tgt Ion:180 Resp: 2359

Ion Ratio Lower Upper

180 100

182 104.7 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.553 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

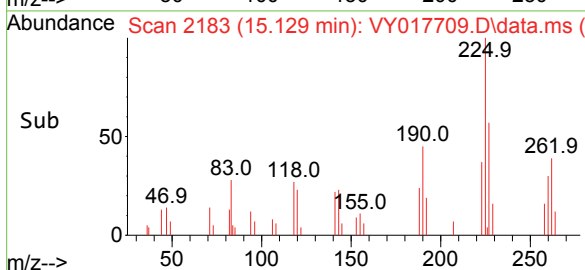
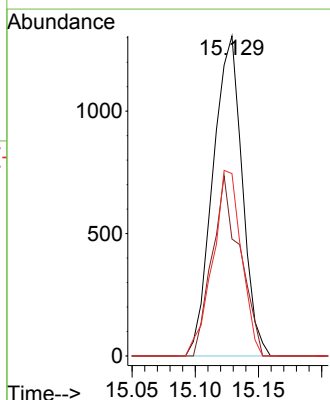
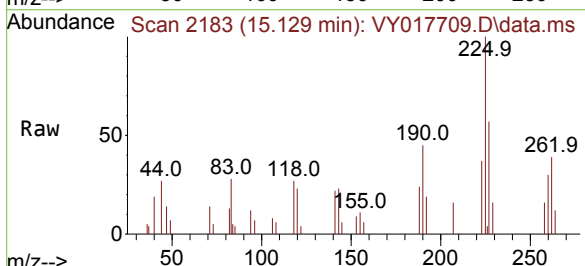
Tgt Ion:225 Resp: 2104

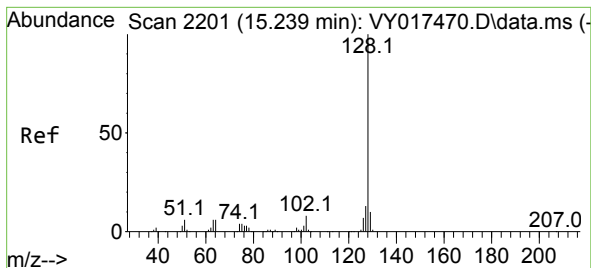
Ion Ratio Lower Upper

225 100

223 53.5 30.4 91.2

227 56.7 31.9 95.9





#95

Naphthalene

Concen: 1.473 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL02

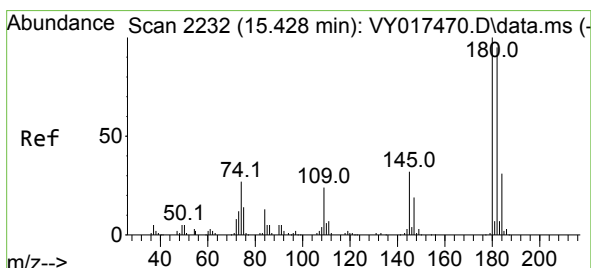
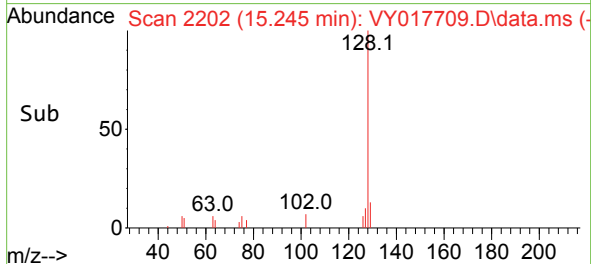
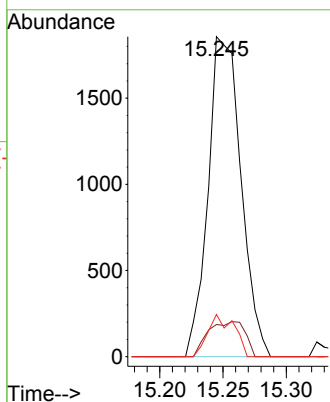
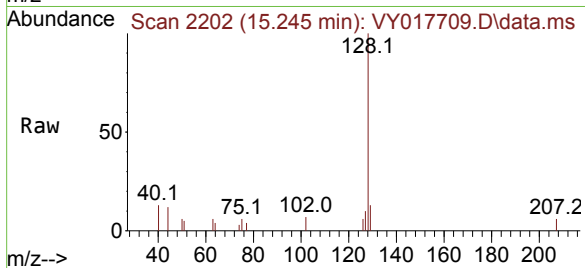
Tgt Ion:128 Resp: 3361

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.911 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017709.D

Acq: 19 Mar 2024 13:52

Tgt Ion:180 Resp: 2189

Ion Ratio Lower Upper

180 100

182 97.8 47.6 142.9

145 28.6 15.4 46.1

