

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018111.D
 Acq On : 02 May 2024 12:56
 Operator : SY/MD
 Sample : P2323-07
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:02:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

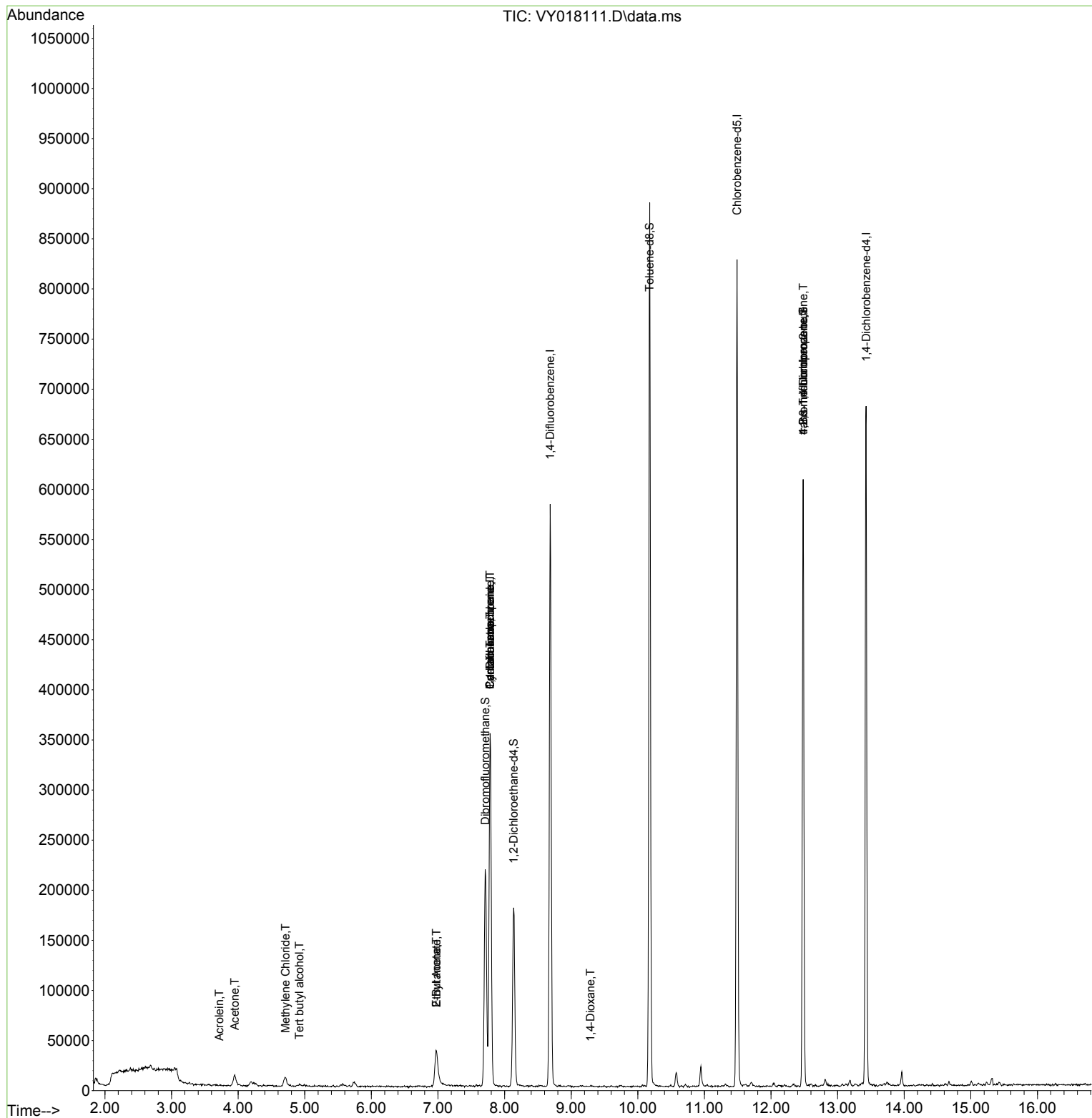
Internal Standards						
1) Pentafluorobenzene	7.783	168	297297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	467743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133709	57.058	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.120%			
35) Dibromofluoromethane	7.710	113	154468	51.349	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.179	98	583630	49.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.483	95	184696	45.700	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	279	1.461	ug/l #	88
13) Acrolein	3.716	56	594	2.090	ug/l #	71
16) Acetone	3.948	43	19943	44.672	ug/l	92
20) Methylene Chloride	4.710	84	7774	2.485	ug/l #	79
25) 2-Butanone	6.978	43	7972	11.478	ug/l	89
31) Cyclohexane	7.783	56	5488	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20527	5.112	ug/l #	41
37) Ethyl Acetate	6.978	43	7972	4.562	ug/l #	76
38) Carbon Tetrachloride	7.783	117	27631	6.063	ug/l #	15
49) 1,4-Dioxane	9.289	88	35	1.843	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	92030	58.434	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92030	106.453	ug/l #	16

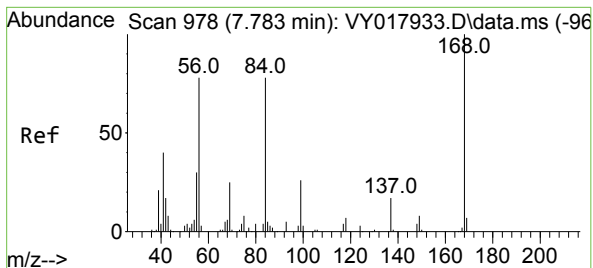
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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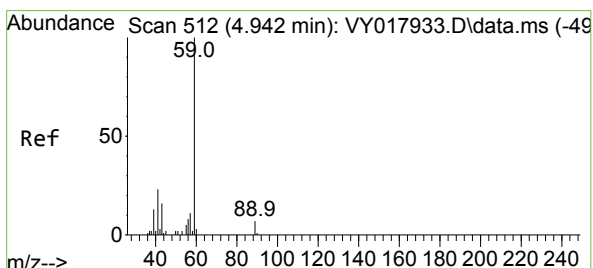
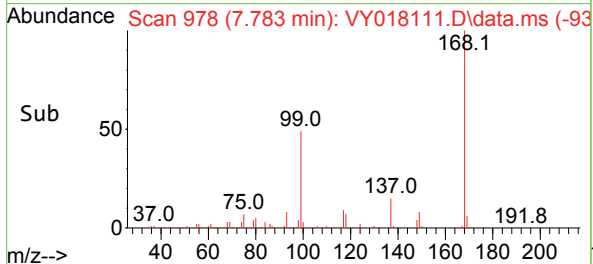
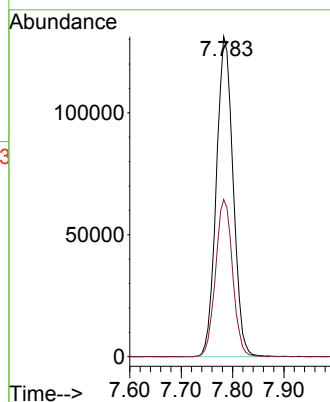
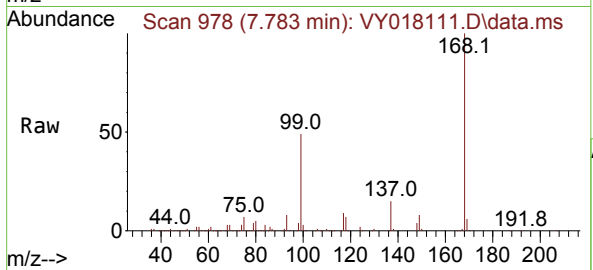




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

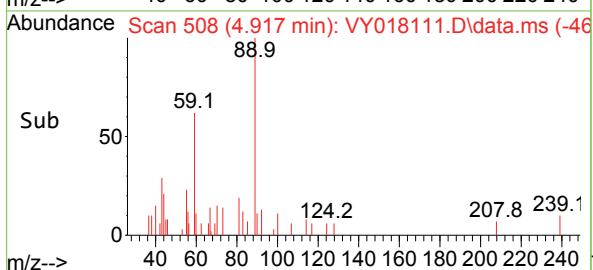
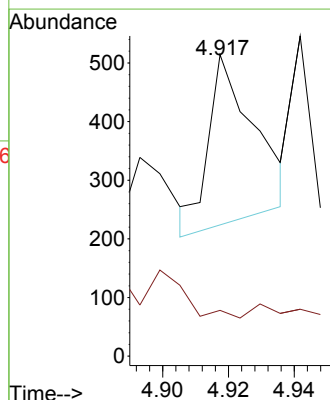
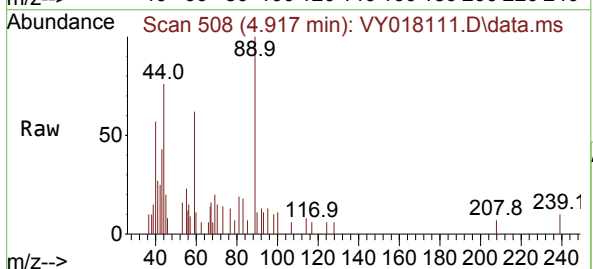
Instrument :
MSVOA_Y
ClientSampleId :

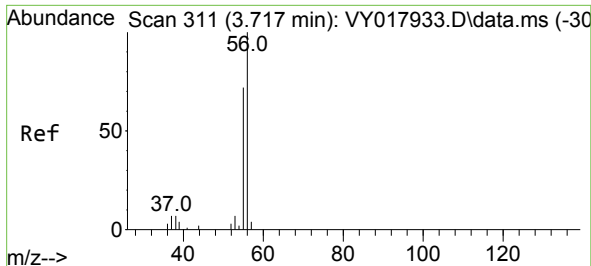
Tgt Ion:168 Resp: 297297
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.461 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

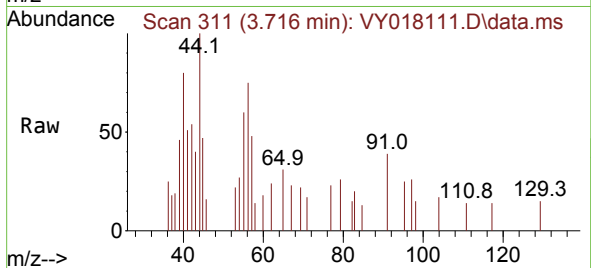
Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



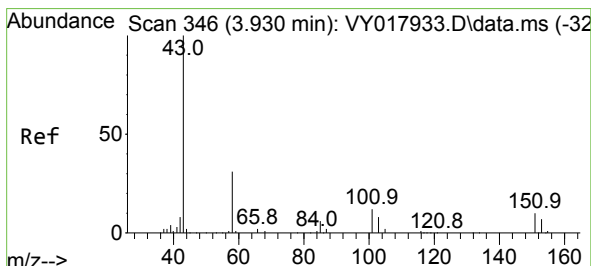
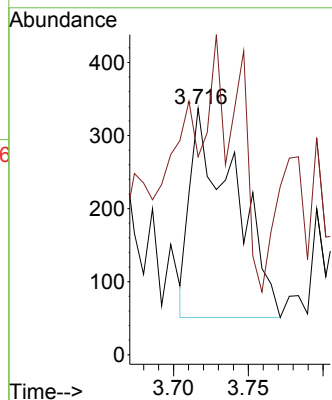
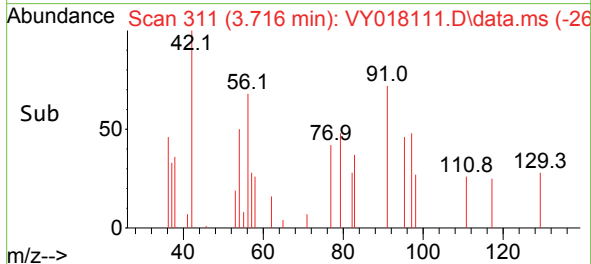


#13
Acrolein
Concen: 2.090 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

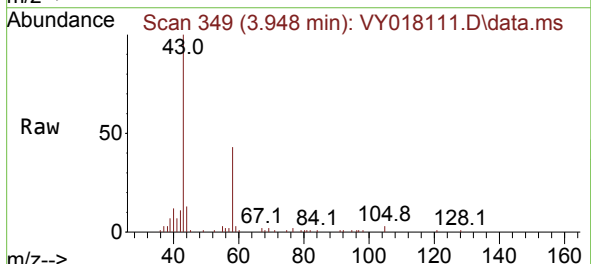
Instrument :
MSVOA_Y
ClientSampleId :



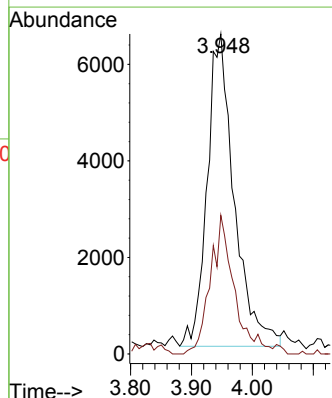
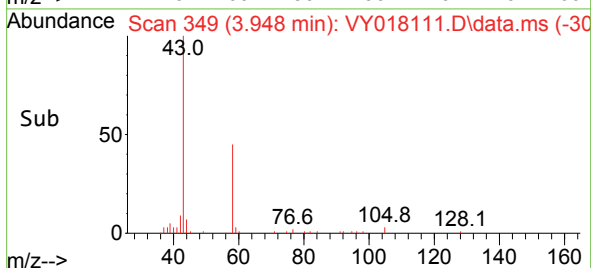
Tgt Ion: 56 Resp: 594
Ion Ratio Lower Upper
56 100
55 45.8 55.7 83.5#

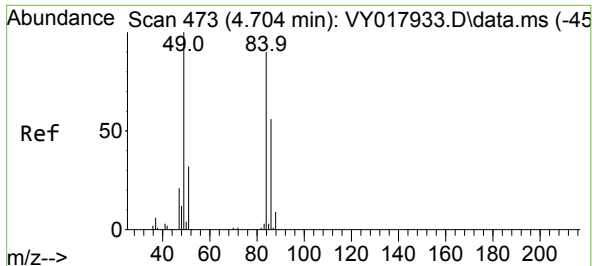


#16
Acetone
Concen: 44.672 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56



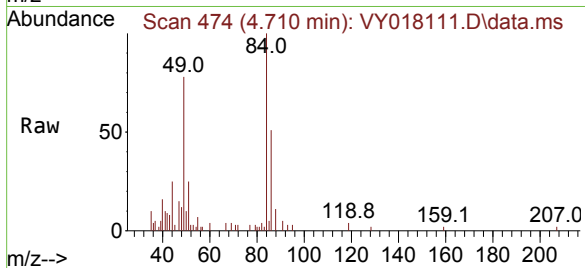
Tgt Ion: 43 Resp: 19943
Ion Ratio Lower Upper
43 100
58 44.4 31.7 47.5



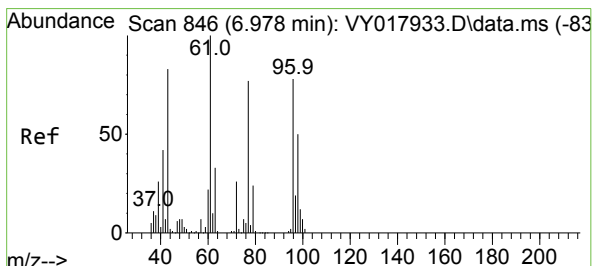
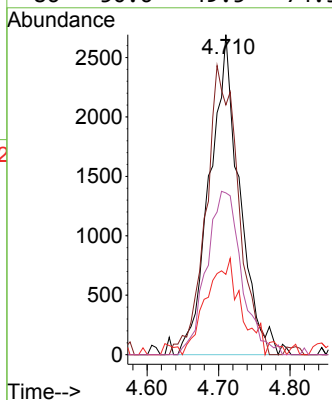
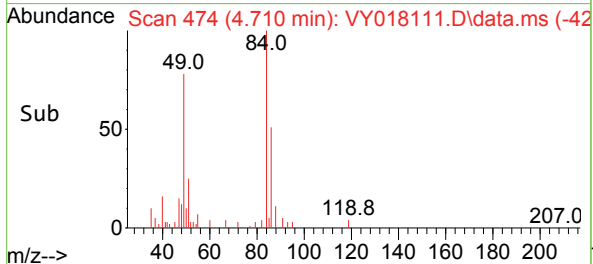


#20
Methylene Chloride
Concen: 2.485 ug/l
RT: 4.710 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :

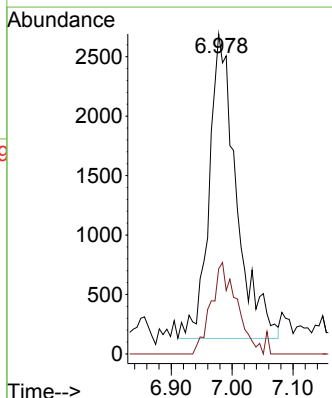
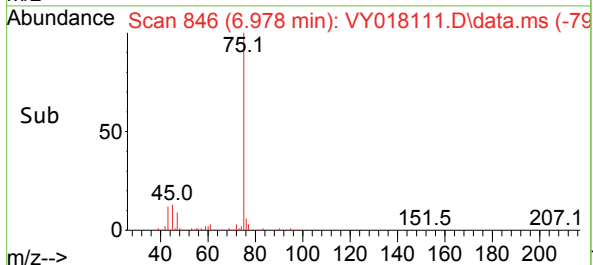
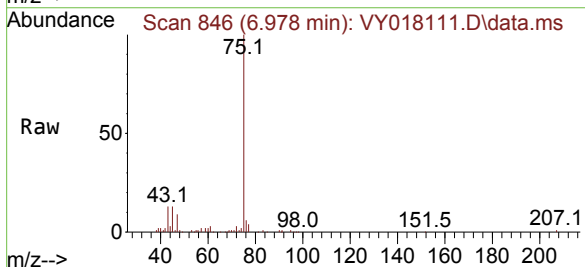


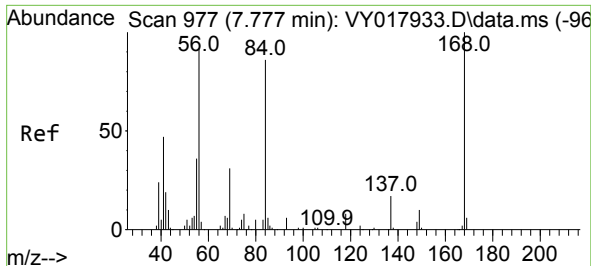
Tgt Ion: 84 Resp: 7774
Ion Ratio Lower Upper
84 100
49 78.0 84.4 126.6#
51 22.6 26.0 39.0#
86 50.6 49.5 74.3



#25
2-Butanone
Concen: 11.478 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Tgt Ion: 43 Resp: 7972
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9

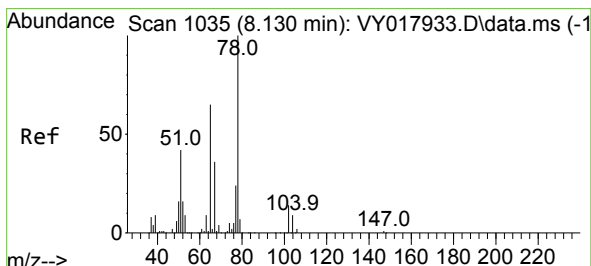
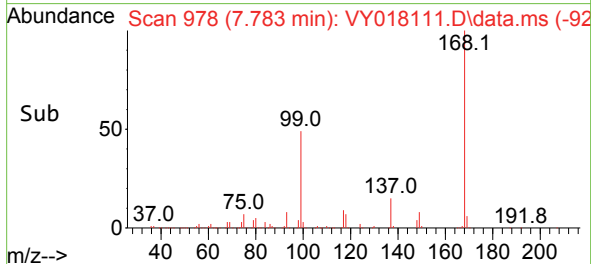
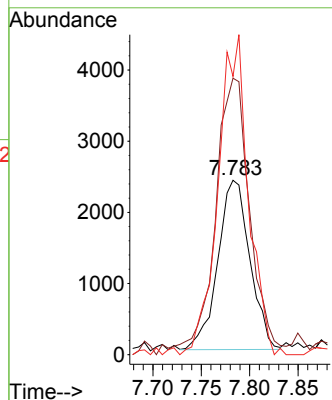
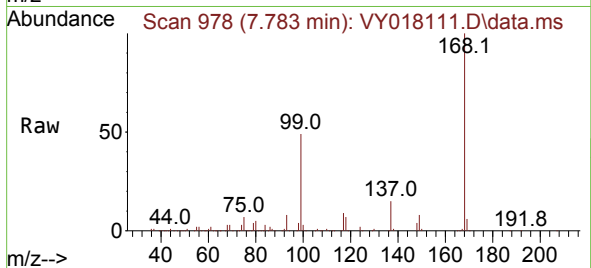




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

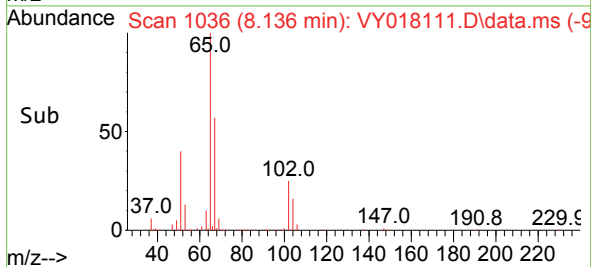
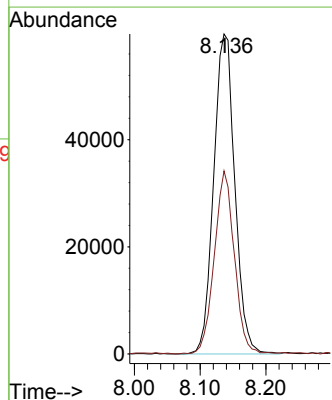
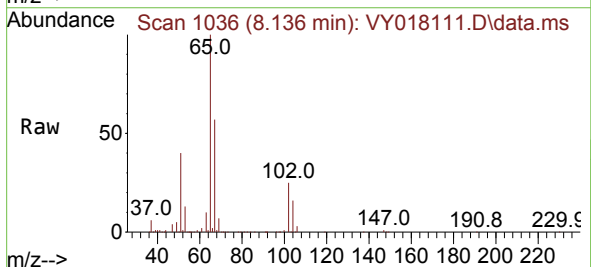
Instrument :
MSVOA_Y
ClientSampleId :

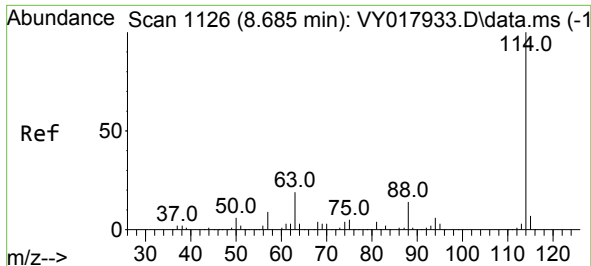
Tgt Ion: 56 Resp: 5488
Ion Ratio Lower Upper
56 100
69 158.1 28.7 43.1#
84 164.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.058 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

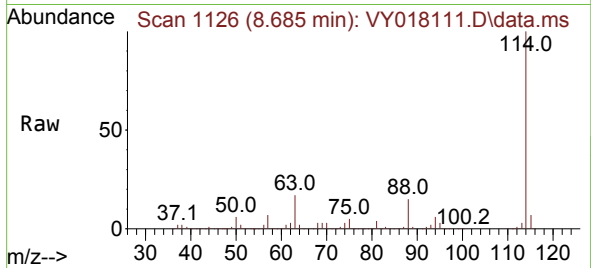
Tgt Ion: 65 Resp: 133709
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6



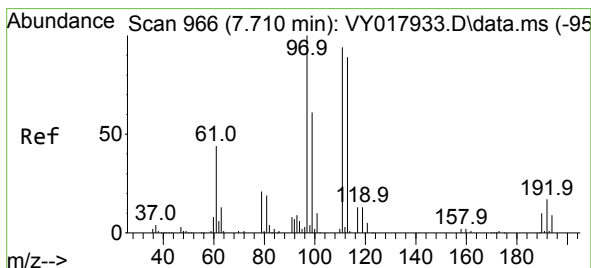
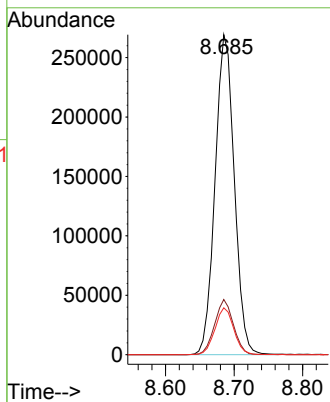
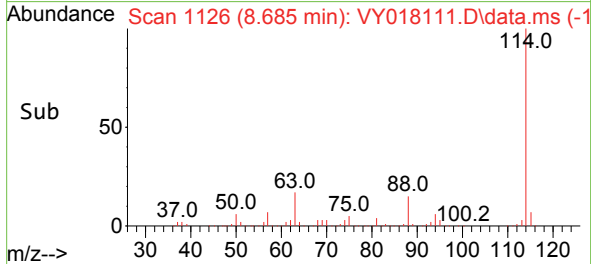


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :

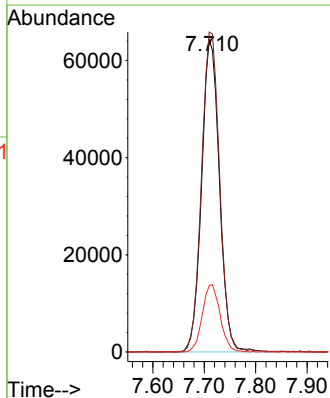
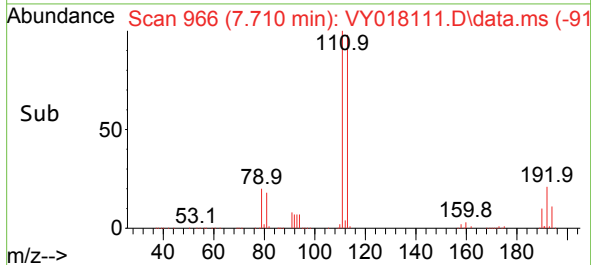
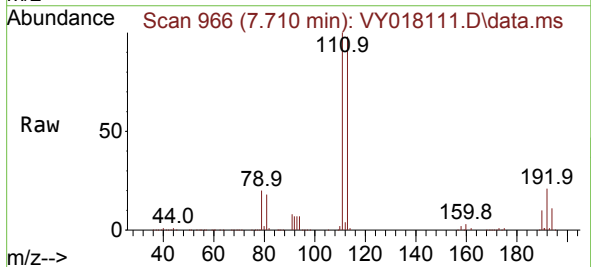


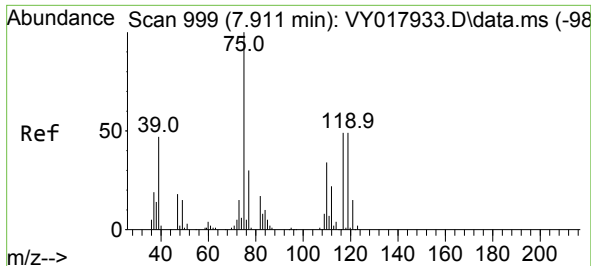
Tgt Ion:114 Resp: 523463
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.349 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

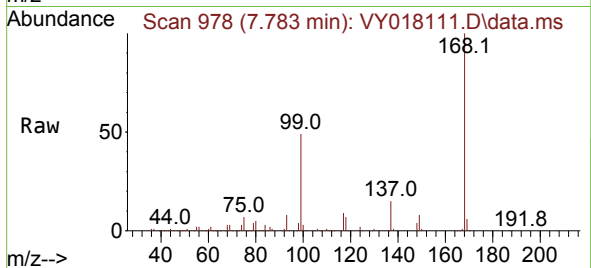
Tgt Ion:113 Resp: 154468
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 21.6 15.9 23.9



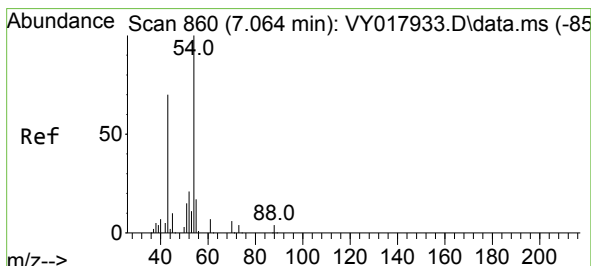
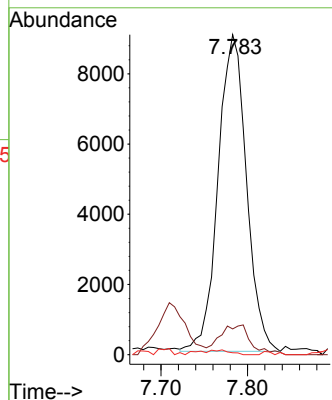
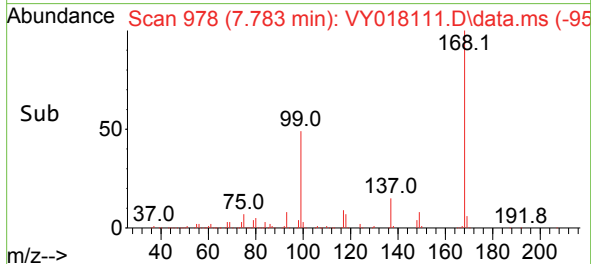


#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

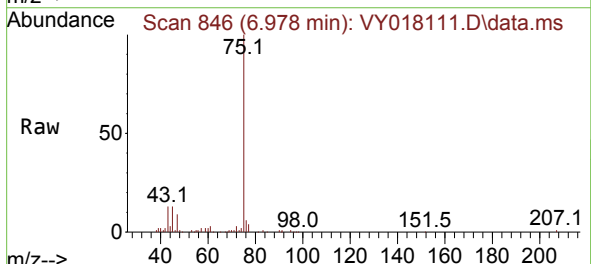
Instrument :
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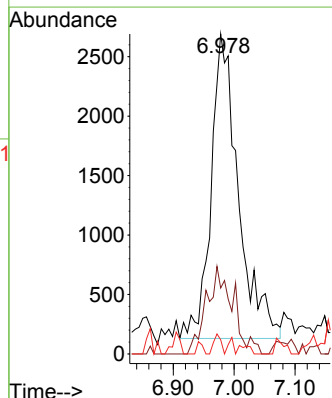
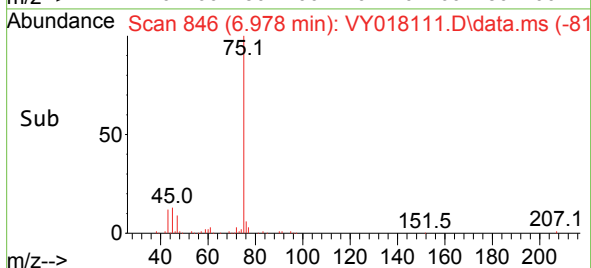
Tgt Ion: 75 Resp: 20527
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 1.6 25.3 37.9#

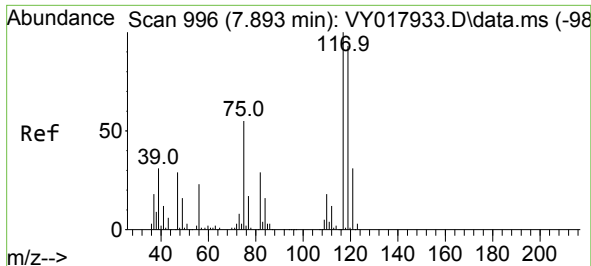


#37
Ethyl Acetate
Concen: 4.562 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.098 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56



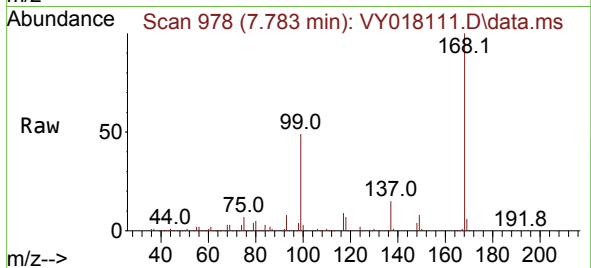
Tgt Ion: 43 Resp: 7972
Ion Ratio Lower Upper
43 100
61 26.5 12.6 19.0#
70 1.7 7.8 11.8#



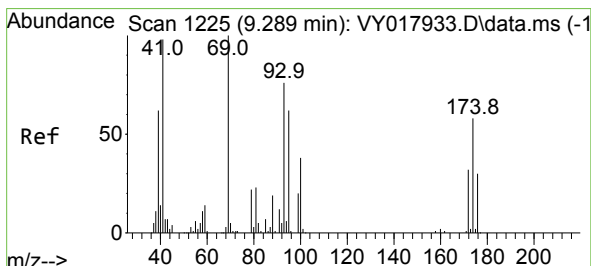
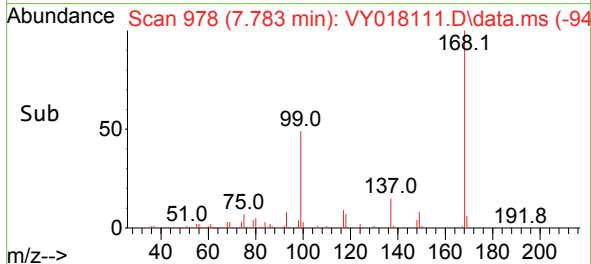
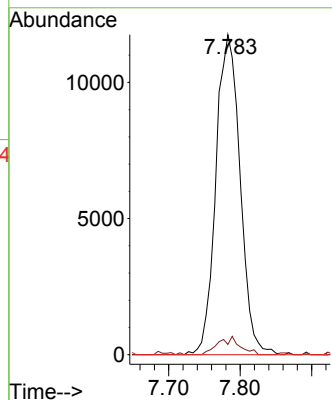


#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :

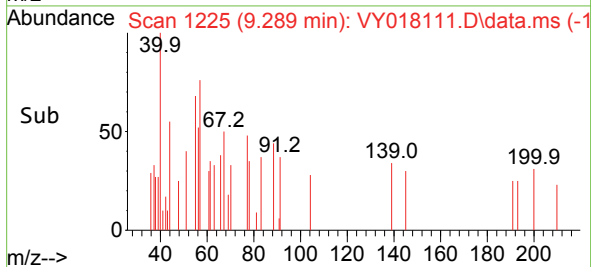
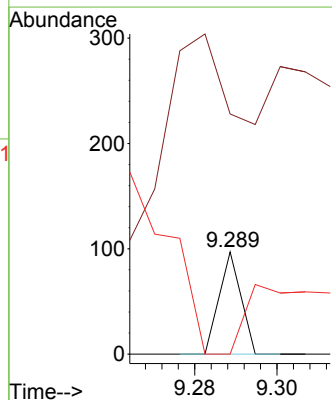
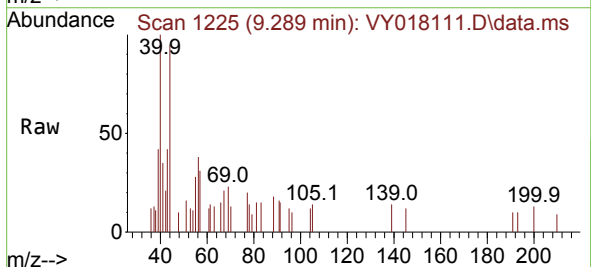


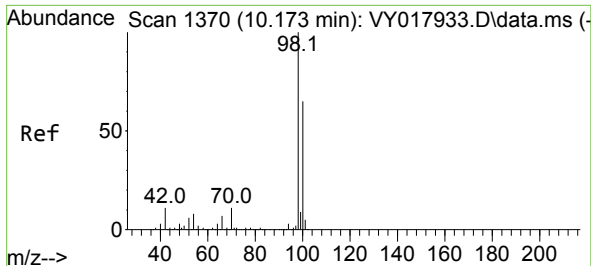
Tgt Ion:117 Resp: 27631
Ion Ratio Lower Upper
117 100
119 2.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.843 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 480.0 0.0 0.0#
58 251.4 49.3 73.9#

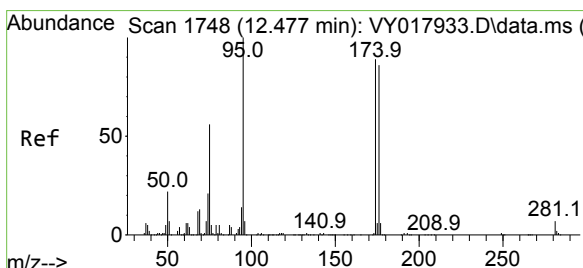
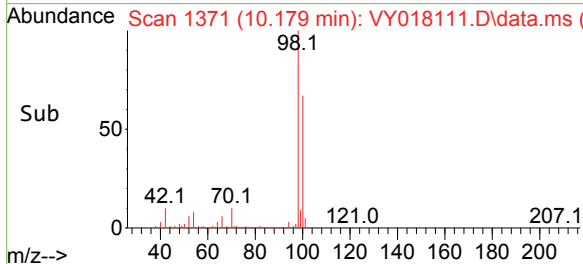
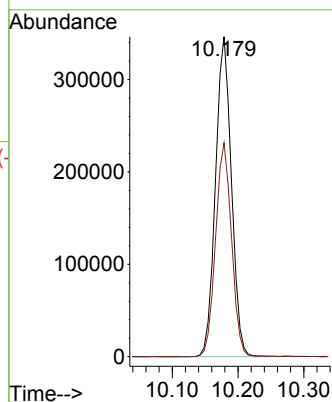
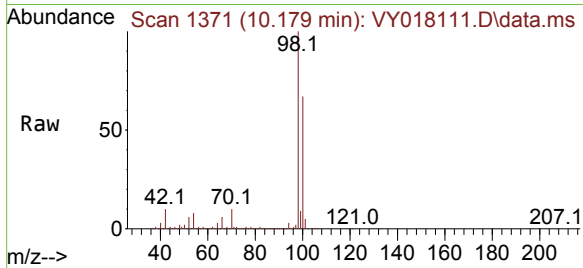




#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

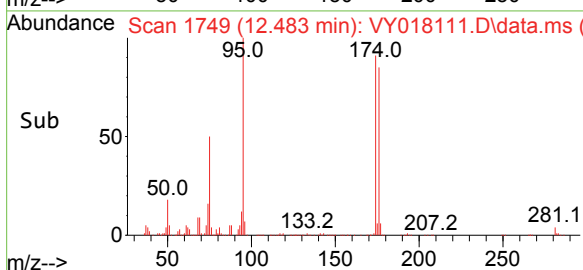
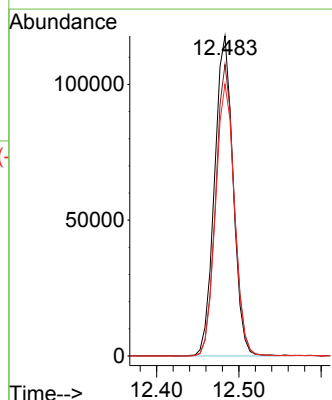
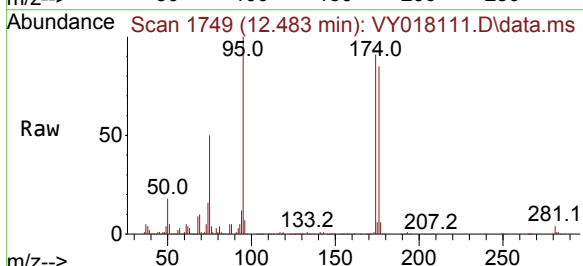
Instrument :
MSVOA_Y
ClientSampleId :

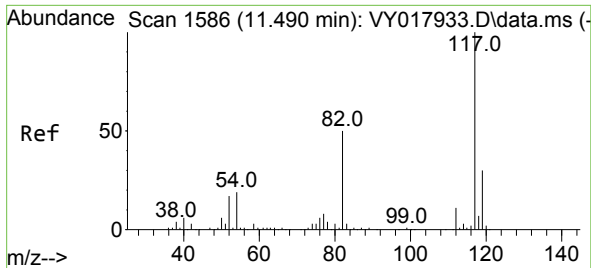
Tgt Ion: 98 Resp: 583630
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

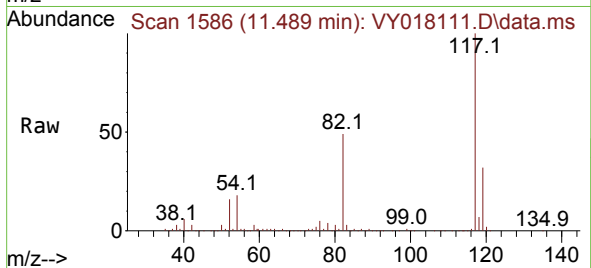
Tgt Ion: 95 Resp: 184696
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 86.5 0.0 171.4



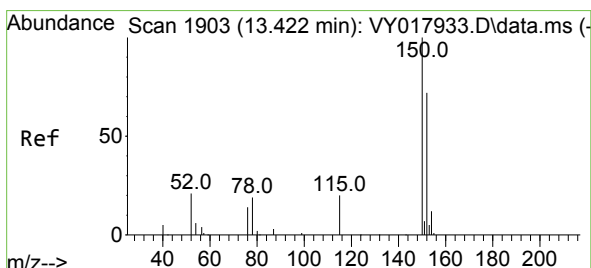
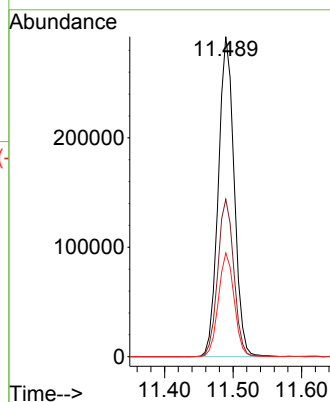
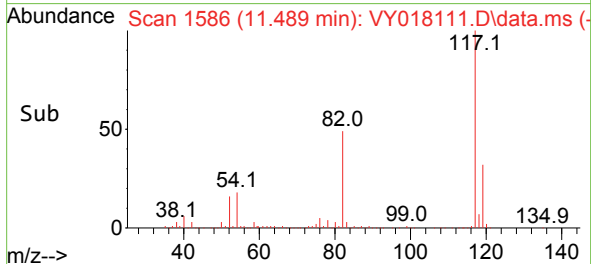


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

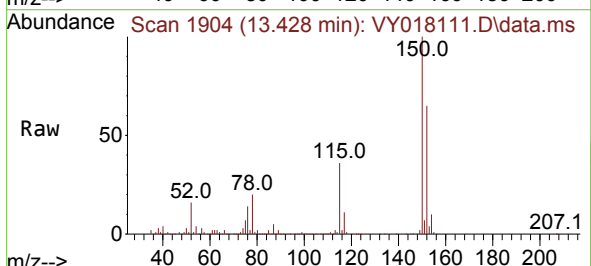
Instrument :
MSVOA_Y
ClientSampleId :



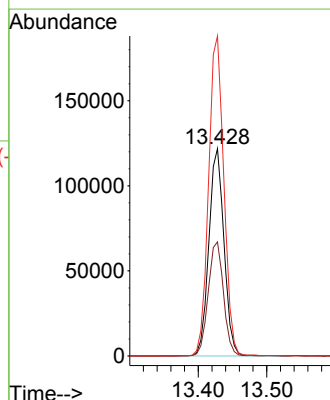
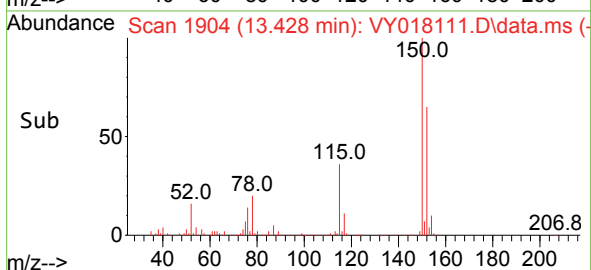
Tgt Ion:117 Resp: 467743
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 32.4 25.9 38.9

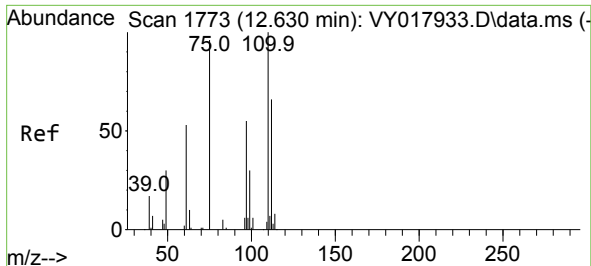


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56



Tgt Ion:152 Resp: 187661
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.6 0.0 345.6

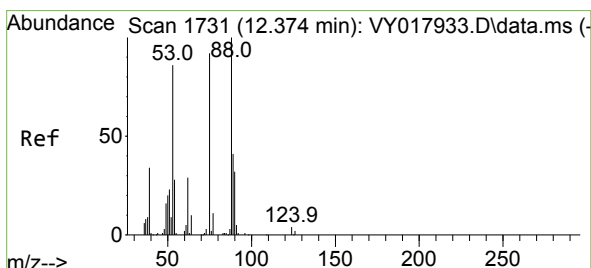
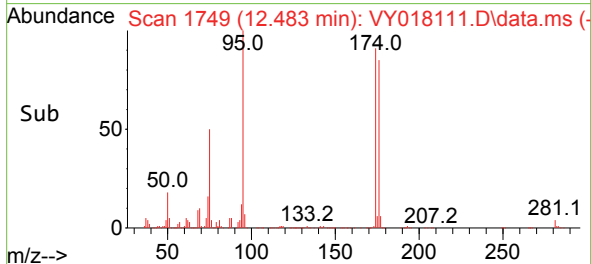
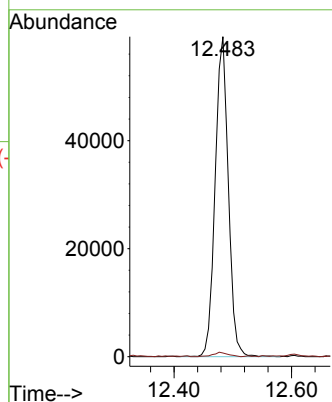
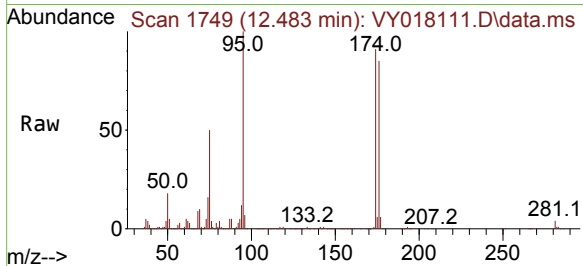




#76
1,2,3-Trichloropropane
Concen: 58.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 92030
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Tgt Ion: 75 Resp: 92030
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

