

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018112.D
 Acq On : 02 May 2024 13:19
 Operator : SY/MD
 Sample : P2323-04
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:02:58 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)

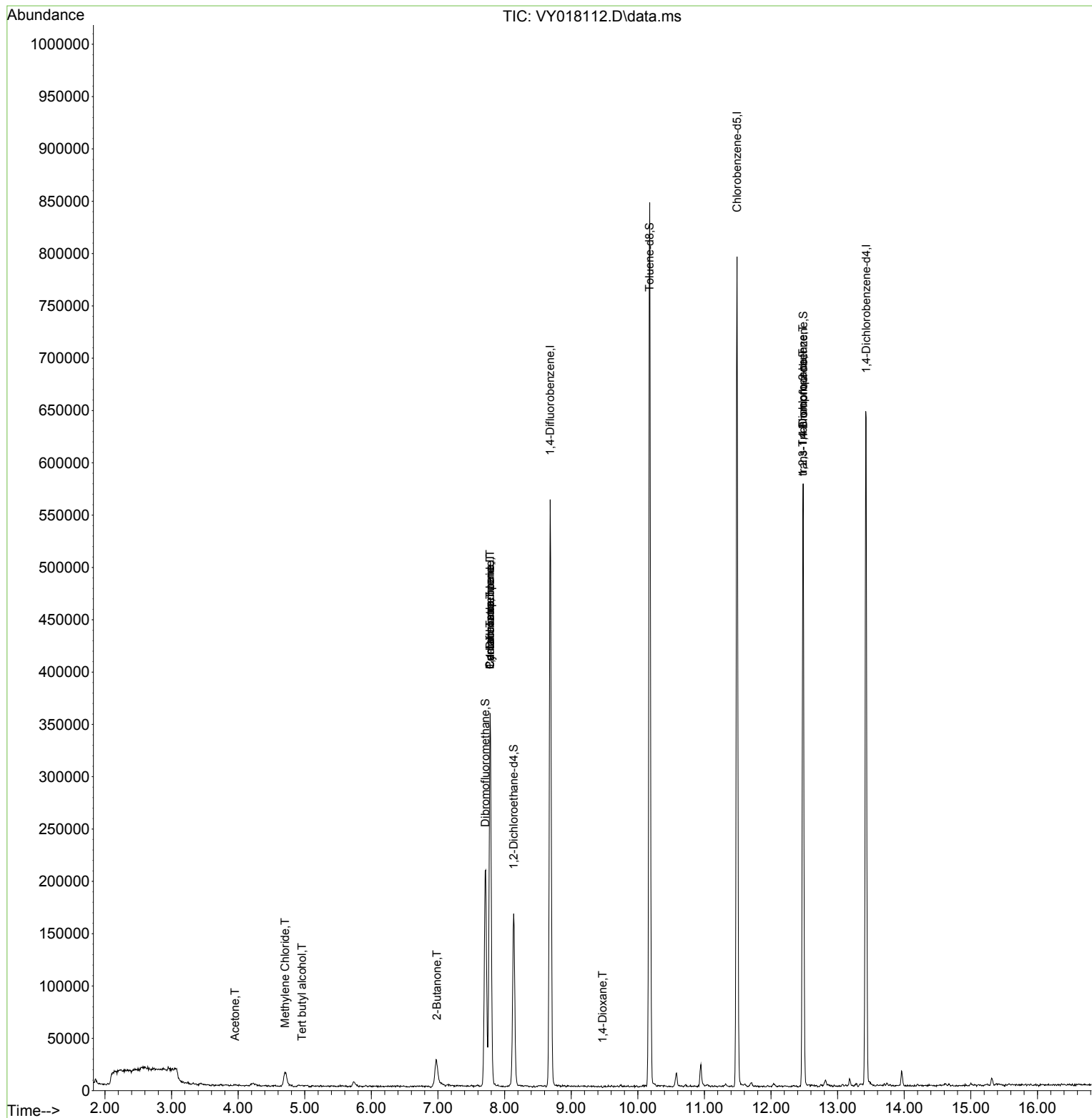
Internal Standards						
1) Pentafluorobenzene	7.782	168	294278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	453784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117819	50.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.580%	
35) Dibromofluoromethane	7.709	113	147979	49.820	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.640%	
50) Toluene-d8	10.178	98	569823	49.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.483	95	179342	44.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	737	3.898	ug/l #	1
16) Acetone	3.954	43	1109	2.510	ug/l	92
20) Methylene Chloride	4.704	84	10870	3.510	ug/l	95
25) 2-Butanone	6.984	43	1804	2.624	ug/l #	66
31) Cyclohexane	7.782	56	6043	1.360	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	19581	4.939	ug/l #	50
38) Carbon Tetrachloride	7.782	117	26329	5.851	ug/l #	16
49) 1,4-Dioxane	9.471	88	24	1.280	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	85127	56.714	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85127	103.320	ug/l #	16

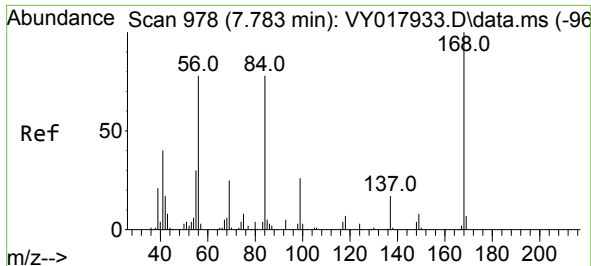
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 23:02:58 2024
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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

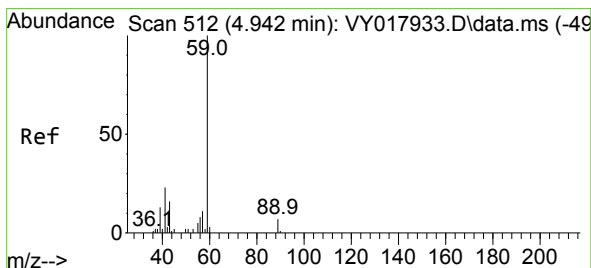
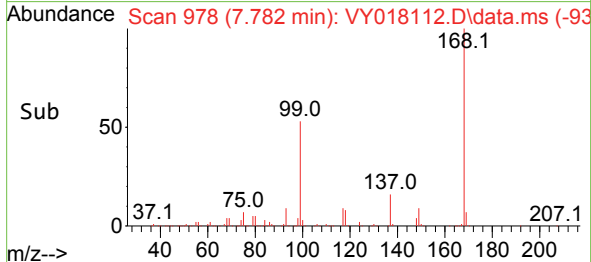
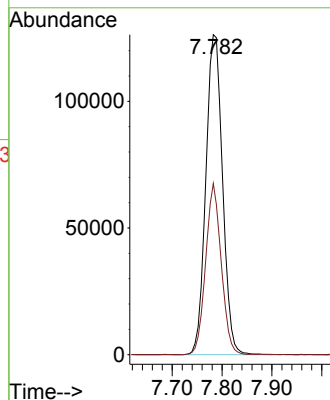
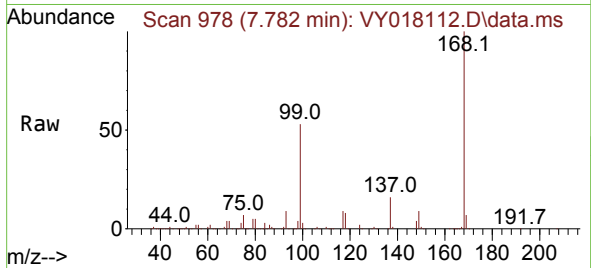




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

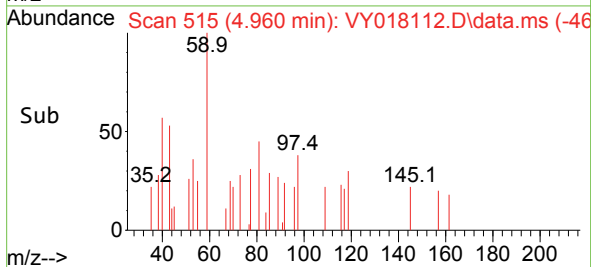
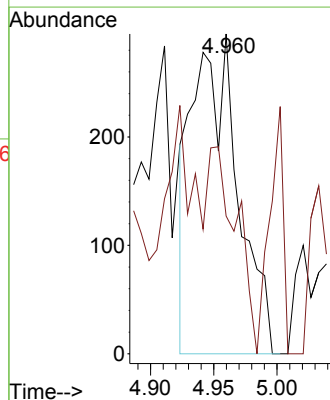
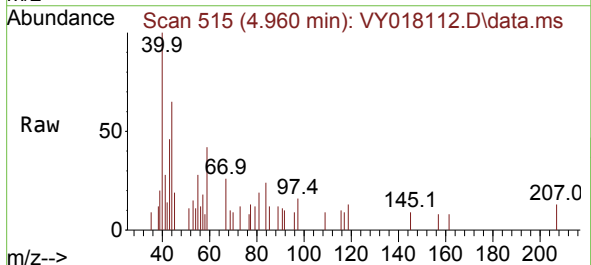
Instrument :
MSVOA_Y
ClientSampleId :

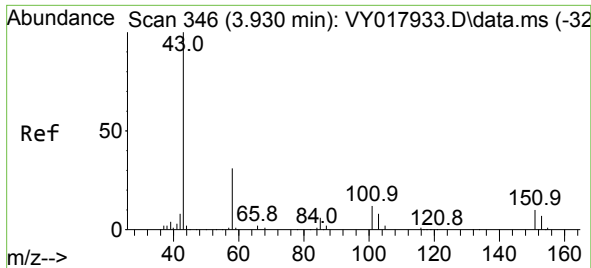
Tgt Ion:168 Resp: 294278
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.898 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 40.7 3.0 4.6#

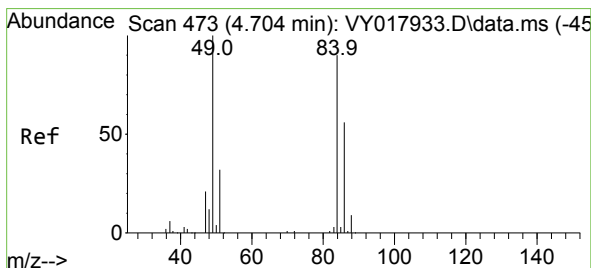
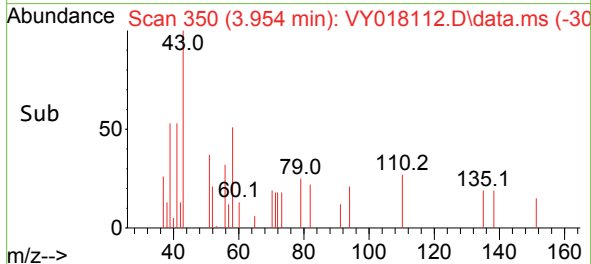
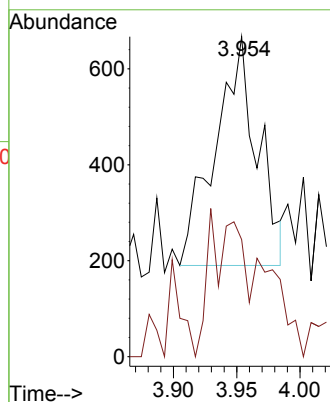
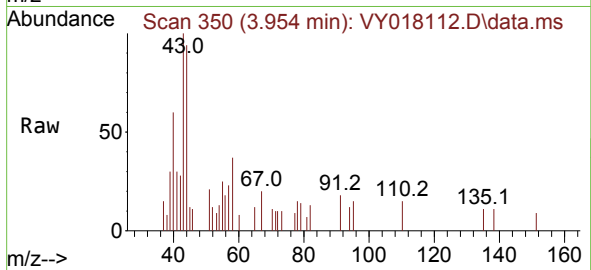




#16
Acetone
Concen: 2.510 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

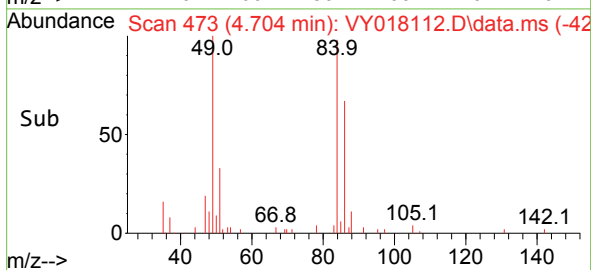
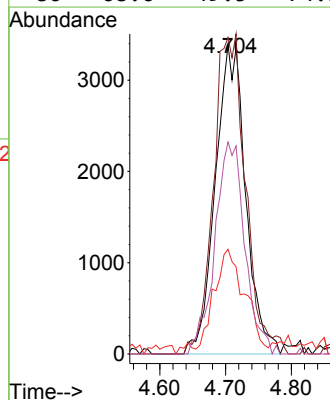
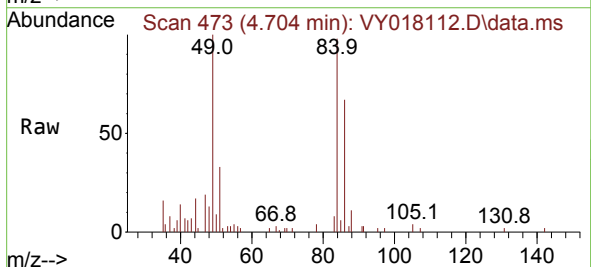
Instrument :
MSVOA_Y
ClientSampleId :

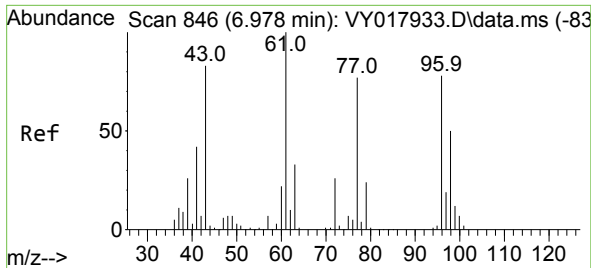
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 34.4 31.7 47.5



#20
Methylene Chloride
Concen: 3.510 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion: 84 Resp: 10870
Ion Ratio Lower Upper
84 100
49 102.4 84.4 126.6
51 31.7 26.0 39.0
86 68.6 49.5 74.3

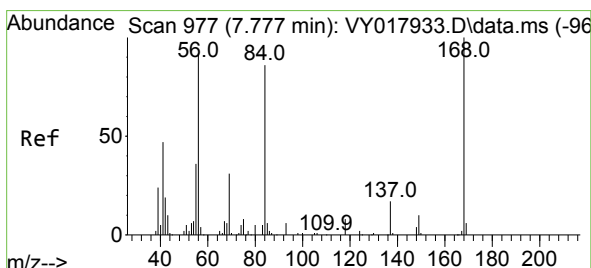
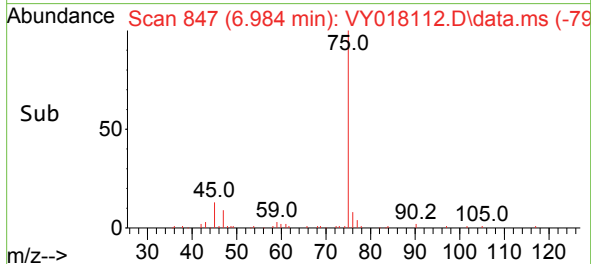
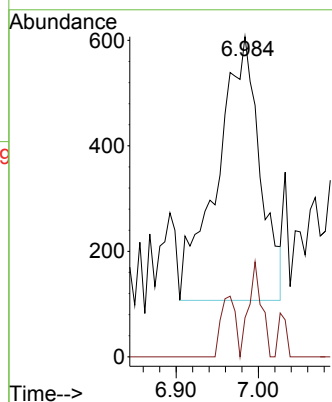
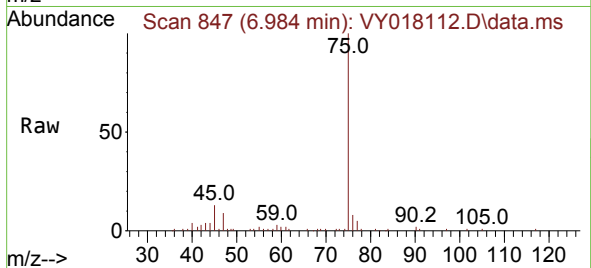




#25
2-Butanone
Concen: 2.624 ug/l
RT: 6.984 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

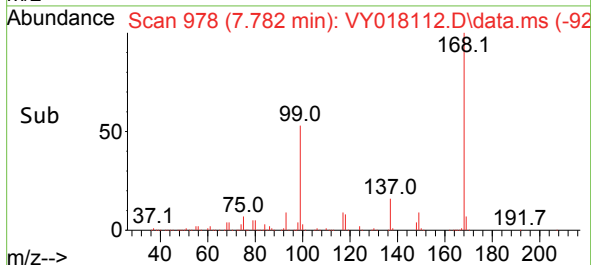
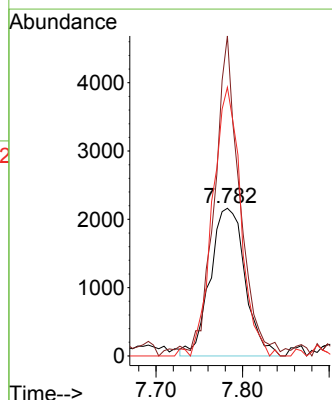
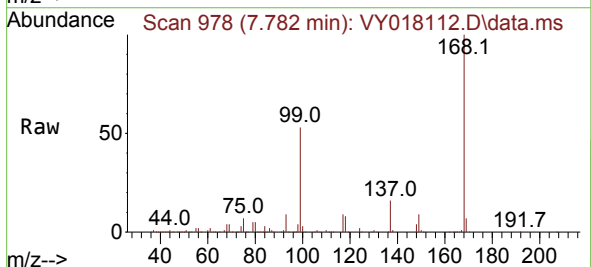
Instrument :
MSVOA_Y
ClientSampleId :

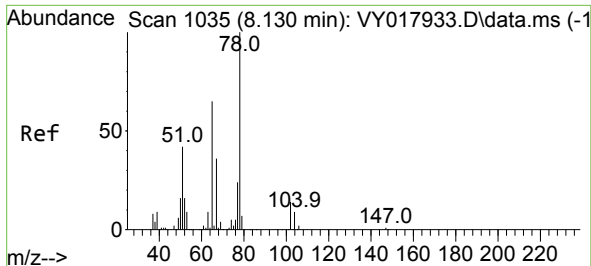
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
72 14.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.001 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion: 56 Resp: 6043
Ion Ratio Lower Upper
56 100
69 213.8 28.7 43.1#
84 182.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 50.793 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018112.D

Acq: 02 May 2024 13:19

Instrument :

MSVOA_Y

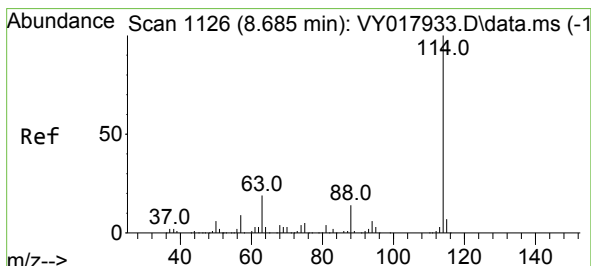
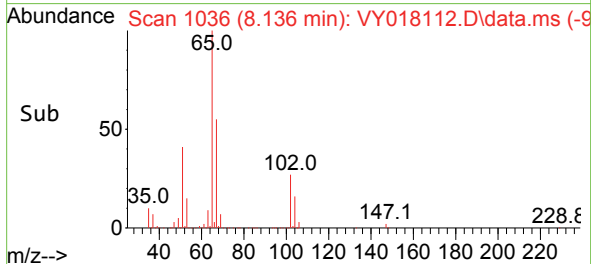
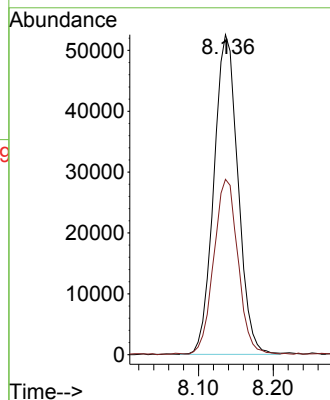
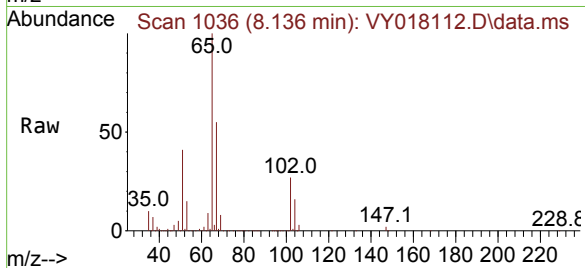
ClientSampleId :

Tgt Ion: 65 Resp: 117819

Ion Ratio Lower Upper

65 100

67 54.8 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: VY018112.D

Acq: 02 May 2024 13:19

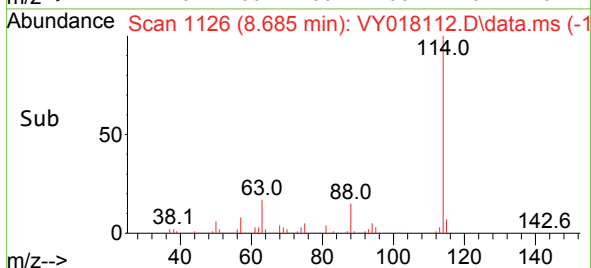
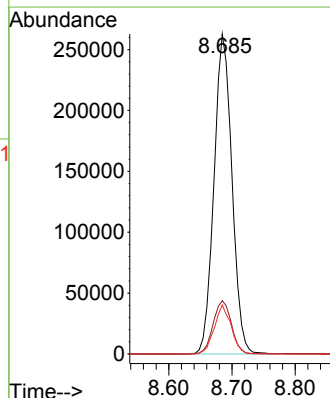
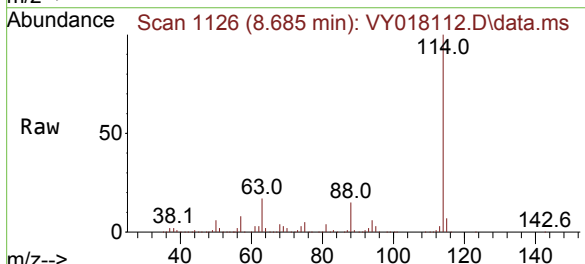
Tgt Ion: 114 Resp: 516863

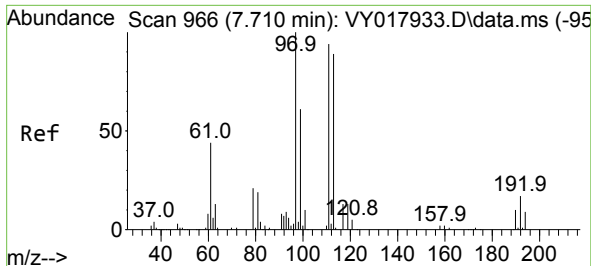
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 15.3 0.0 27.2

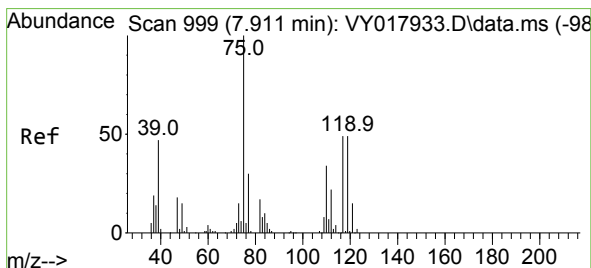
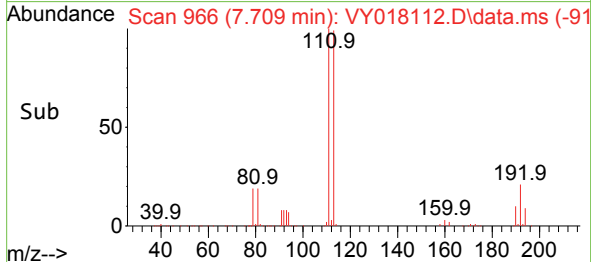
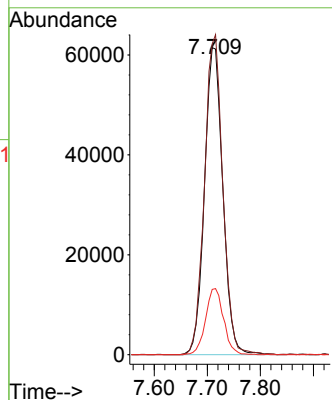
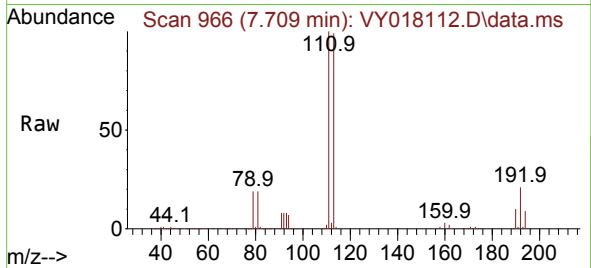




#35
Dibromofluoromethane
Concen: 49.820 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.013 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

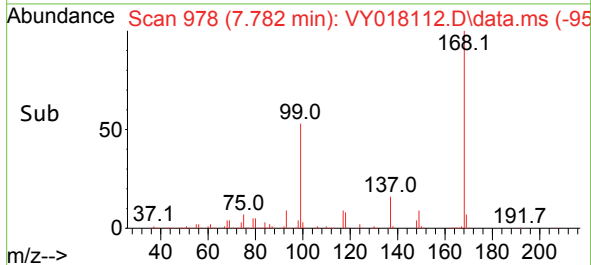
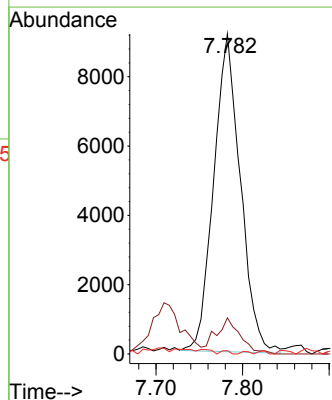
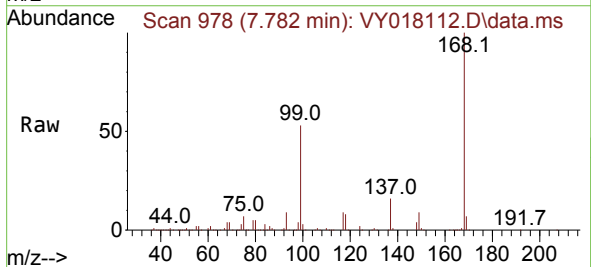
Instrument :
MSVOA_Y
ClientSampleId :

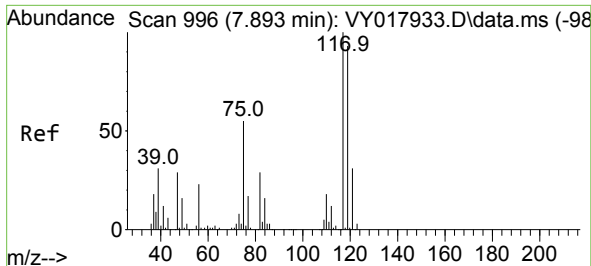
Tgt Ion:113 Resp: 147979
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

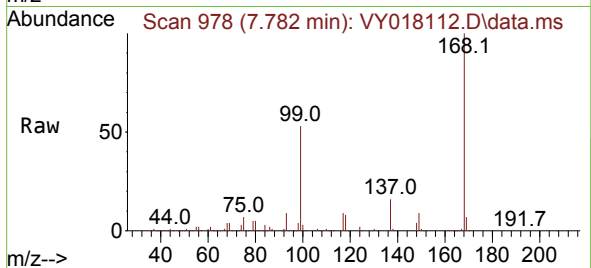
Tgt Ion: 75 Resp: 19581
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.3 25.3 37.9#



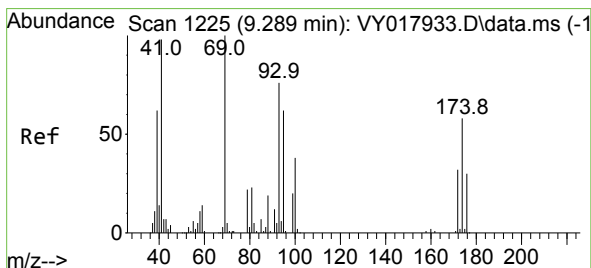
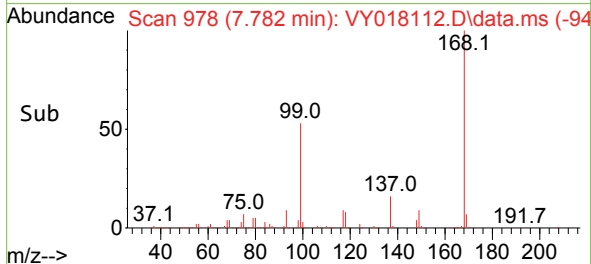
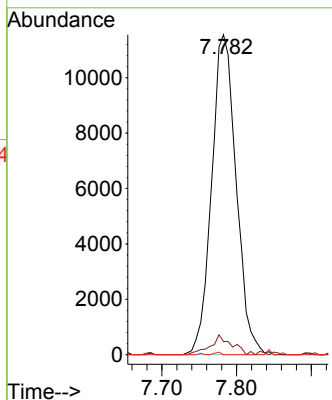


#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.123 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Instrument :
MSVOA_Y
ClientSampleId :

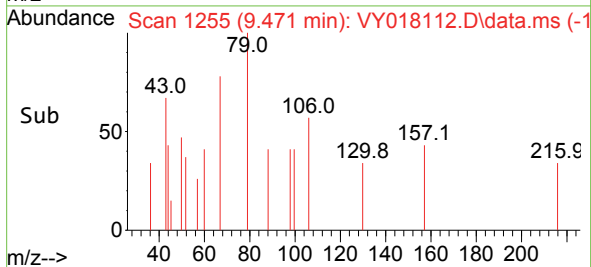
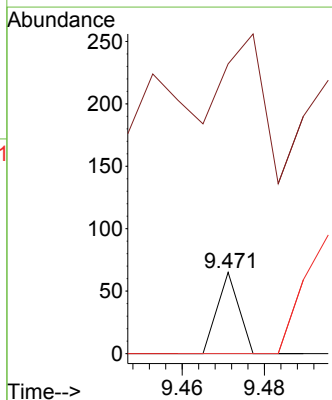
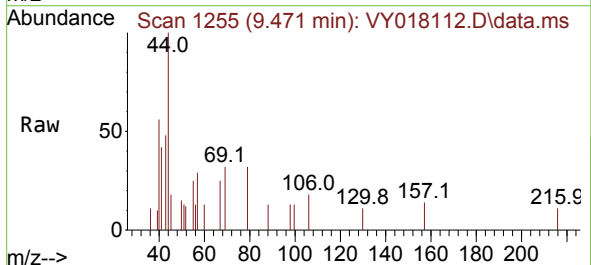


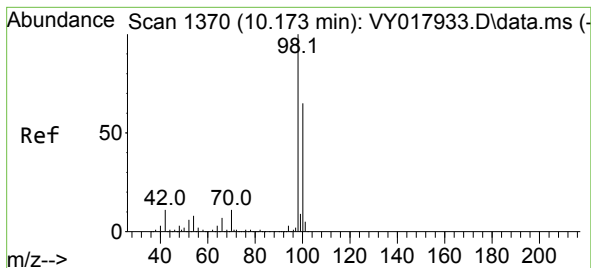
Tgt Ion:117 Resp: 26329
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.280 ug/l
RT: 9.471 min Scan# 1255
Delta R.T. 0.170 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

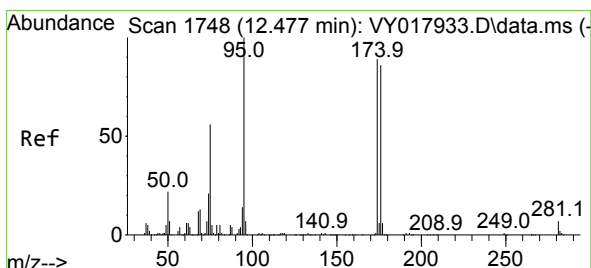
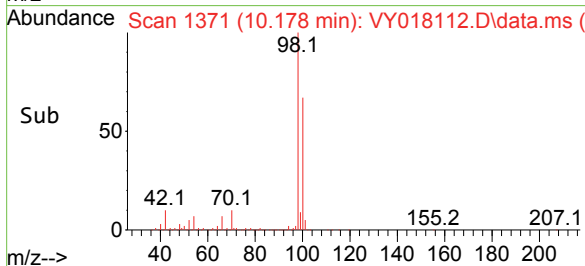
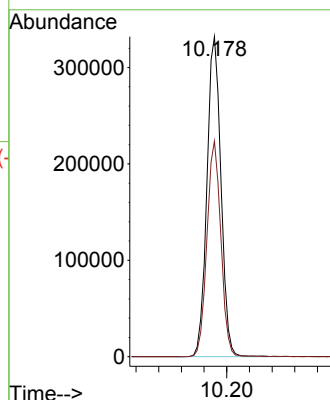
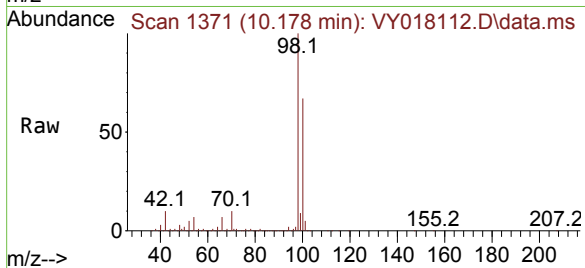




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

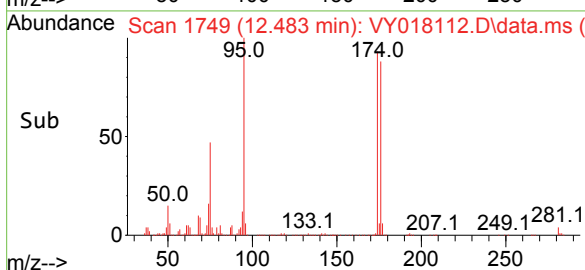
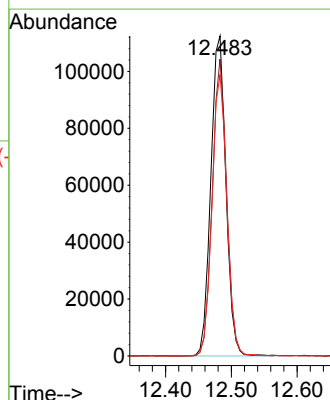
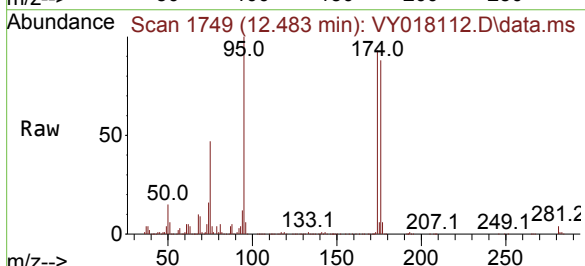
Instrument :
MSVOA_Y
ClientSampleId :

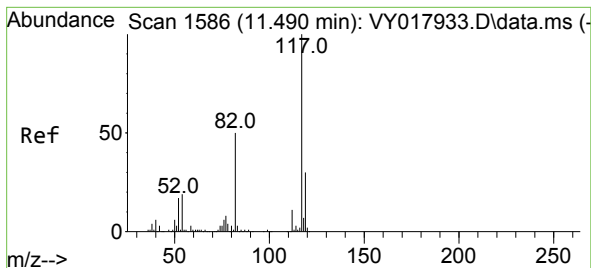
Tgt Ion: 98 Resp: 569823
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

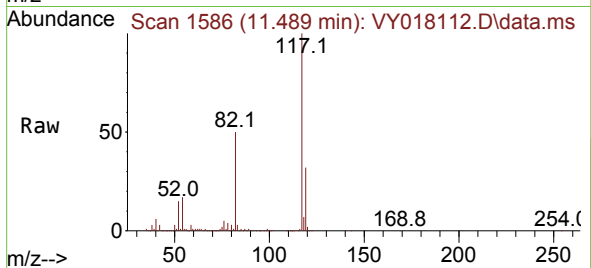
Tgt Ion: 95 Resp: 179342
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 86.5 0.0 171.4



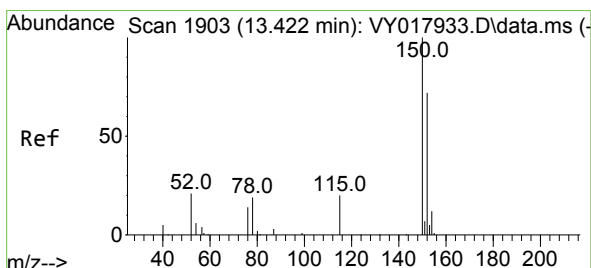
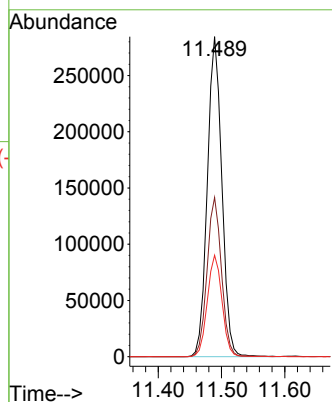
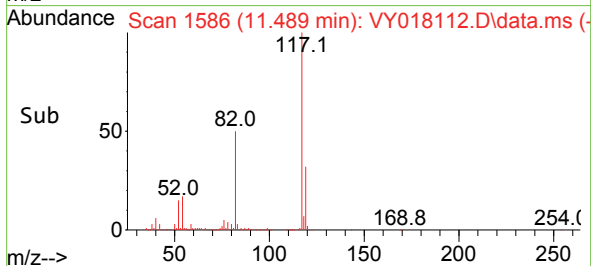


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Instrument :
MSVOA_Y
ClientSampleId :

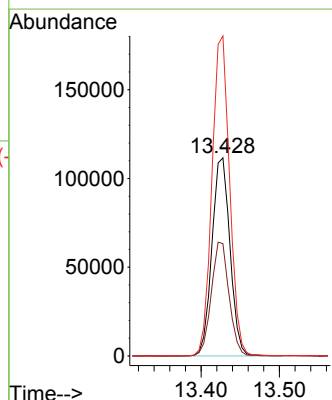
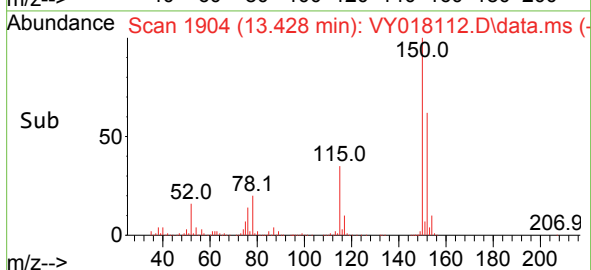
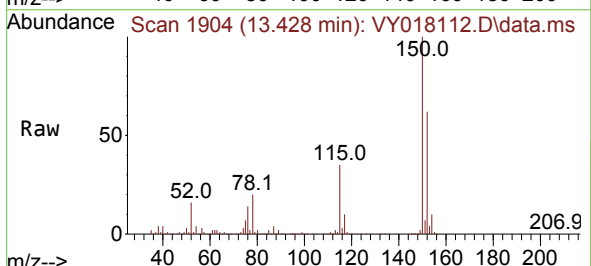


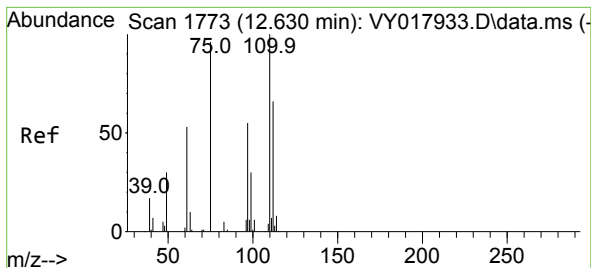
Tgt Ion:117 Resp: 453784
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion:152 Resp: 178848
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.2 0.0 345.6

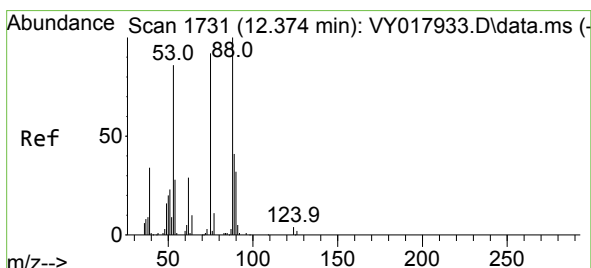
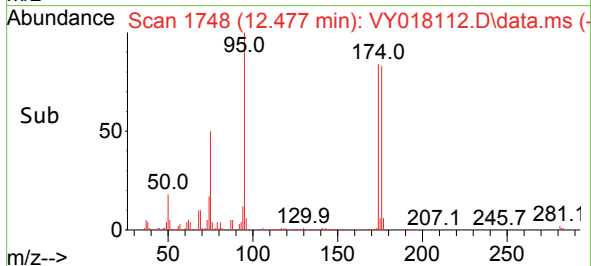
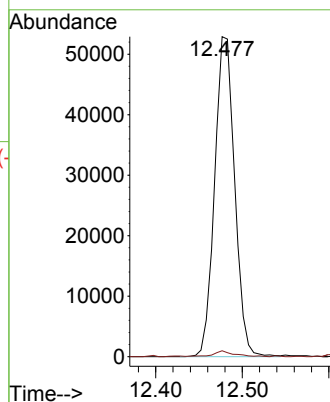
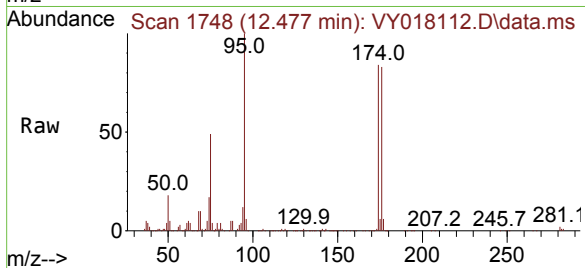




#76
1,2,3-Trichloropropane
Concen: 56.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85127
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.320 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018112.D
Acq: 02 May 2024 13:19

Tgt Ion: 75 Resp: 85127
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.3 35.8 53.6#

