

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018125.D
 Acq On : 02 May 2024 18:28
 Operator : SY/MD
 Sample : P2330-13
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:08:09 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	258778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101022	49.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.060%
35) Dibromofluoromethane	7.703	113	128344	49.013	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.172	98	497609	48.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.477	95	139669	39.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.400%

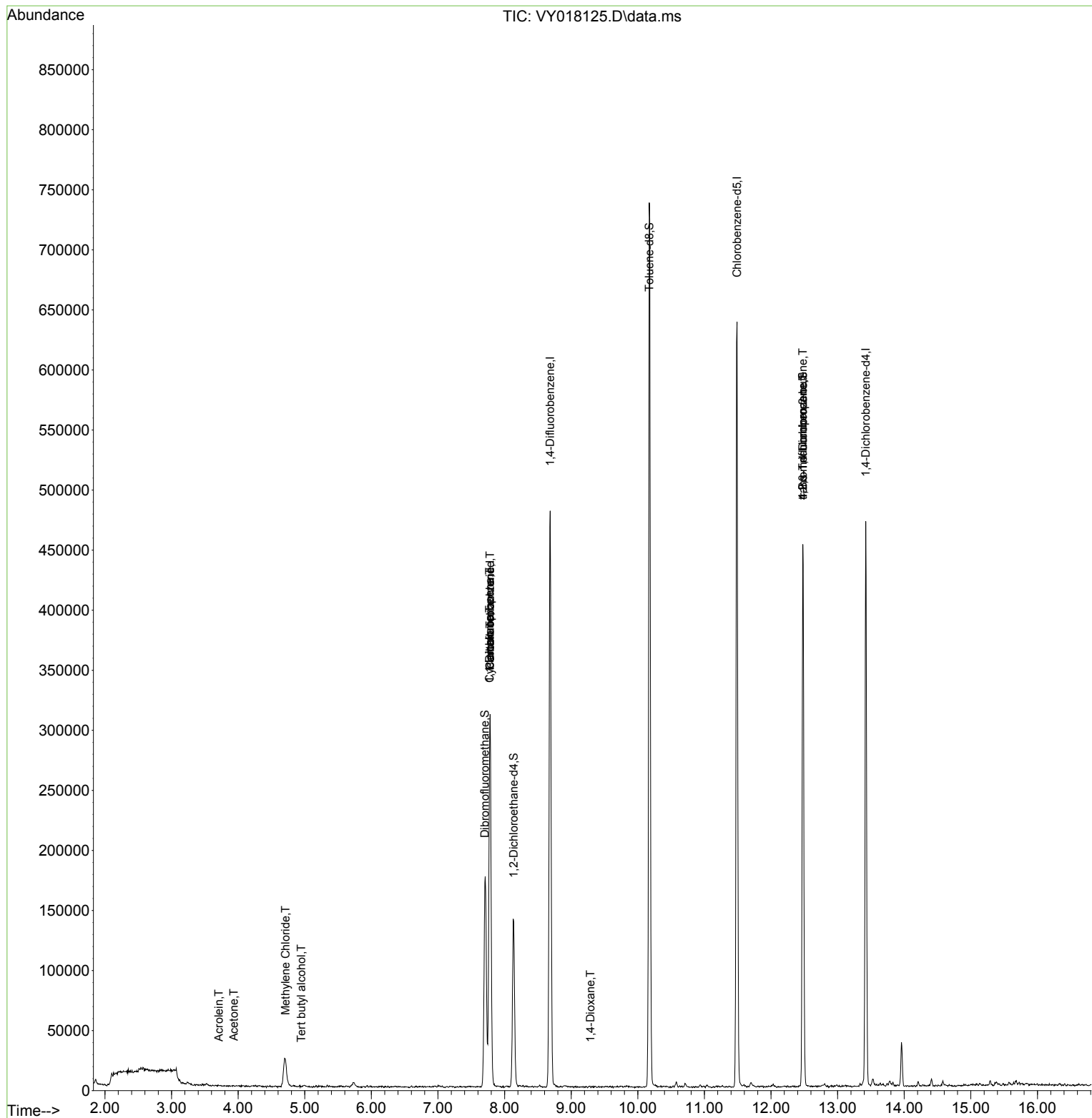
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	275	1.654	ug/l #	1
13) Acrolein	3.710	56	588	2.376	ug/l	95
16) Acetone	3.936	43	596	1.534	ug/l #	59
20) Methylene Chloride	4.710	84	19724	7.244	ug/l	99
31) Cyclohexane	7.776	56	5292	1.354	ug/l #	5
36) 1,1-Dichloropropene	7.776	75	17912	5.124	ug/l #	48
38) Carbon Tetrachloride	7.783	117	23270	5.865	ug/l #	15
49) 1,4-Dioxane	9.288	88	26	1.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	66782	62.392	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66782	113.664	ug/l #	16

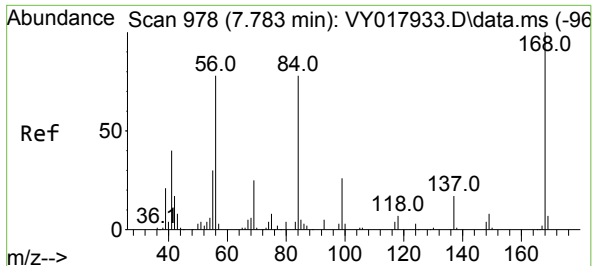
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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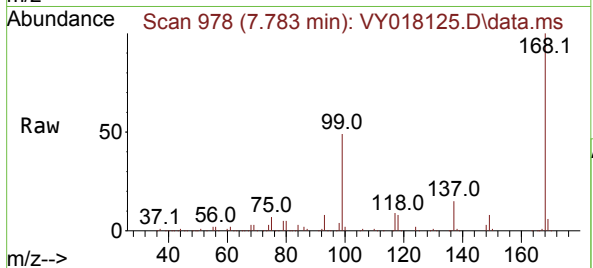
Quant Time: May 02 23:08:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
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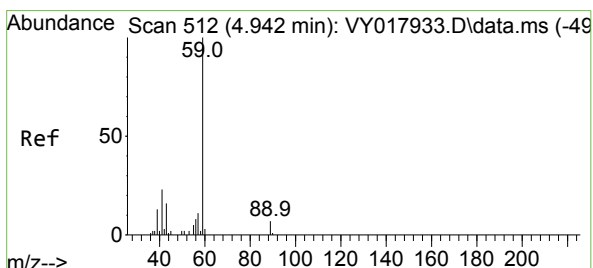
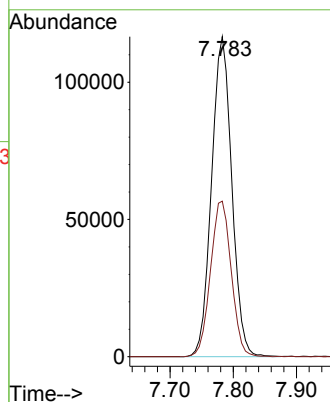
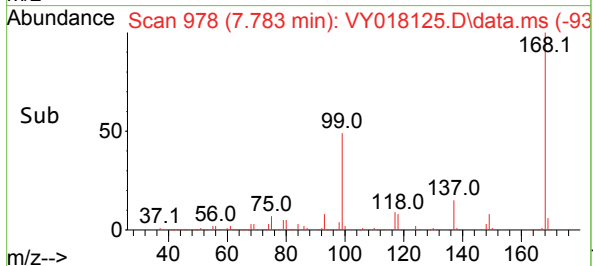


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

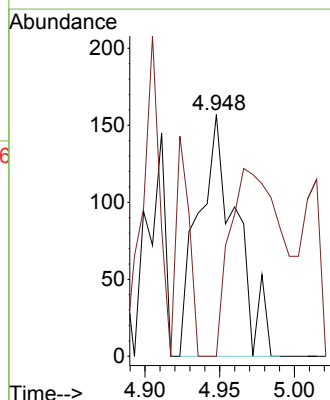
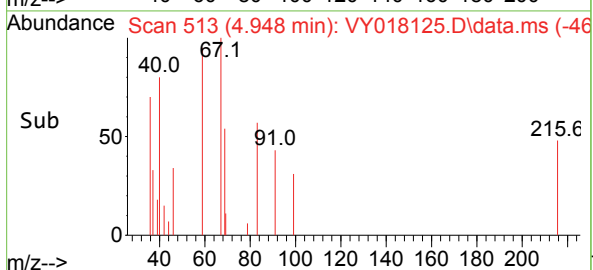
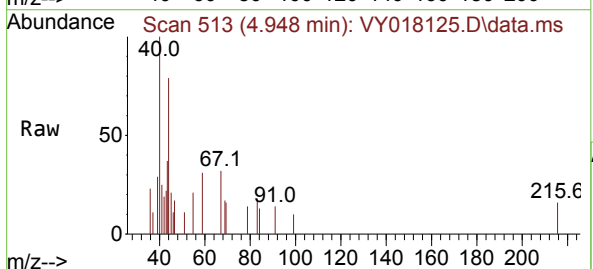


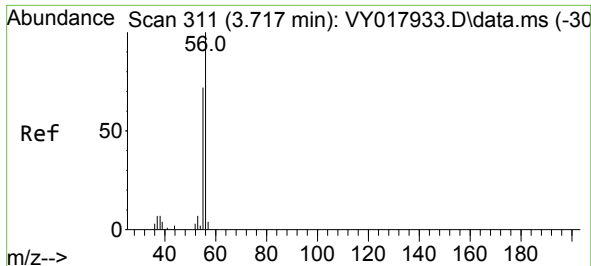
Tgt Ion:168 Resp: 258778
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.654 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

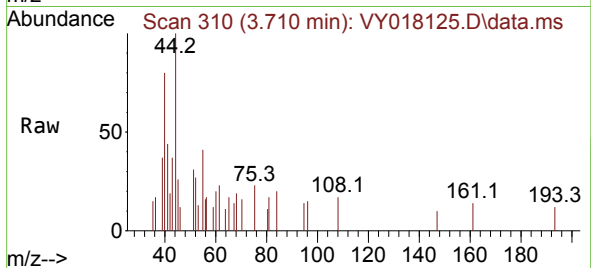
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 102.2 3.0 4.6#



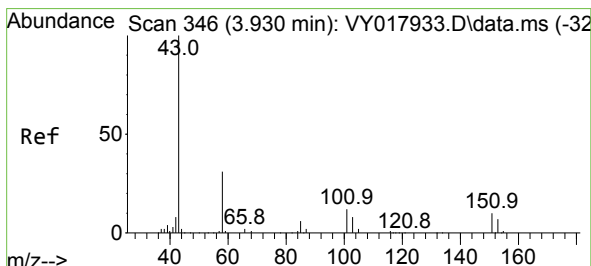
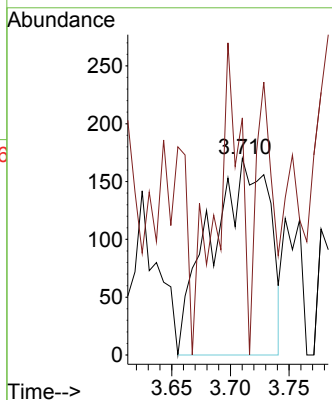
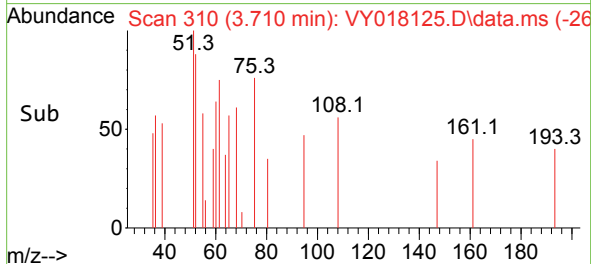


#13
Acrolein
Concen: 2.376 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.019 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

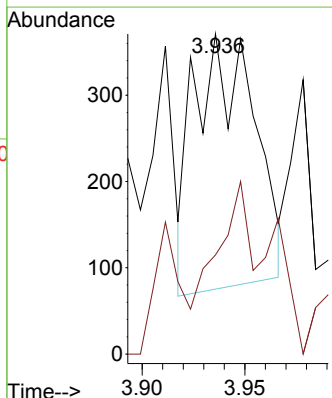
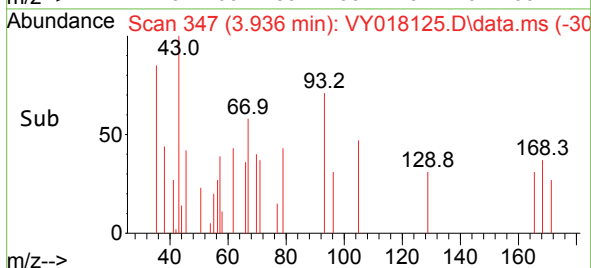
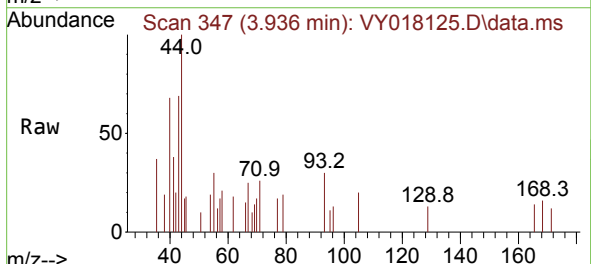


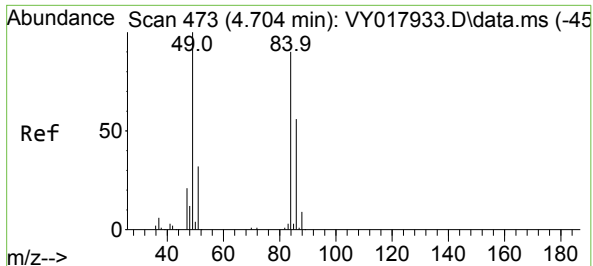
Tgt Ion: 56 Resp: 588
Ion Ratio Lower Upper
56 100
55 65.8 55.7 83.5



#16
Acetone
Concen: 1.534 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

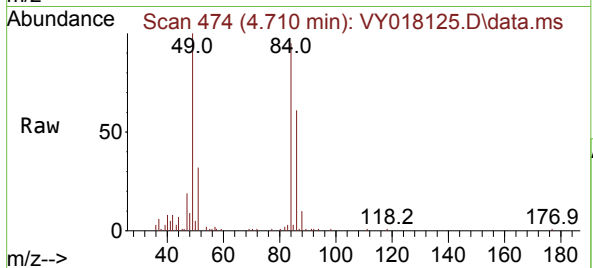
Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 14.1 31.7 47.5#





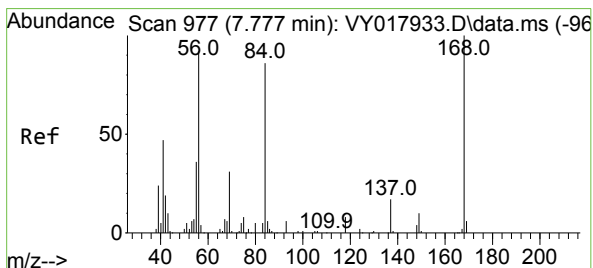
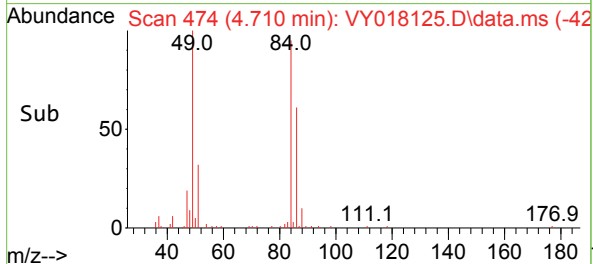
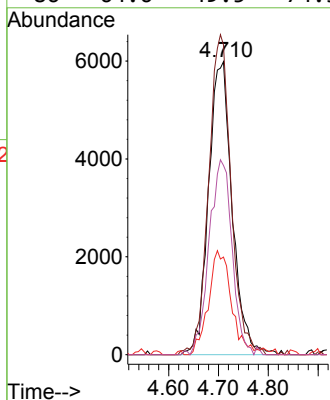
#20
Methylene Chloride
Concen: 7.244 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 19724

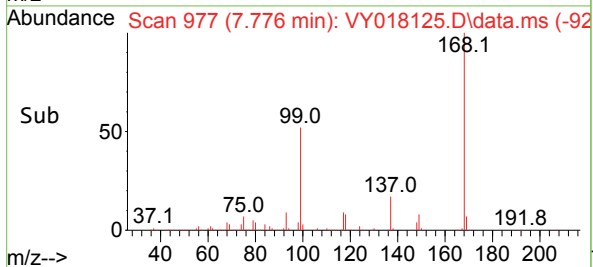
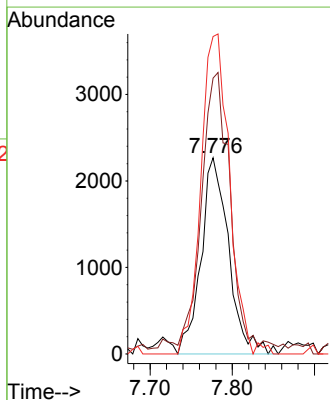
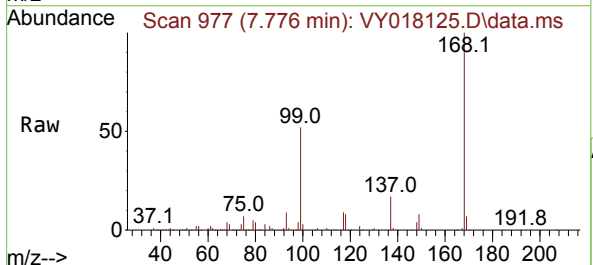
Ion	Ratio	Lower	Upper
84	100		
49	105.7	84.4	126.6
51	33.3	26.0	39.0
86	64.6	49.5	74.3

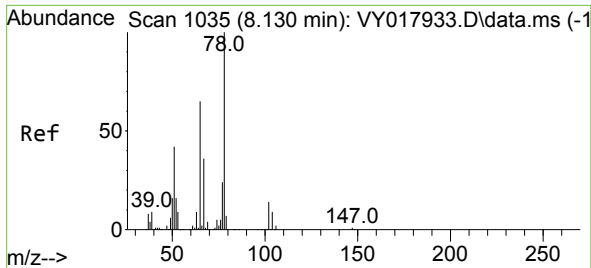


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.007 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Tgt Ion: 56 Resp: 5292

Ion	Ratio	Lower	Upper
56	100		
69	136.9	28.7	43.1#
84	161.9	77.7	116.5#

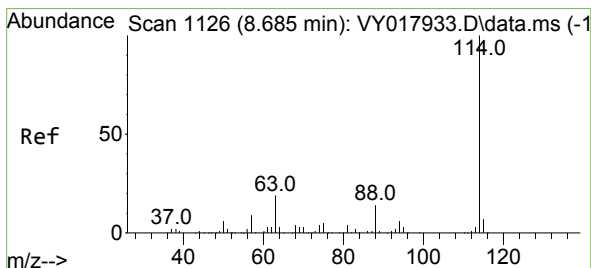
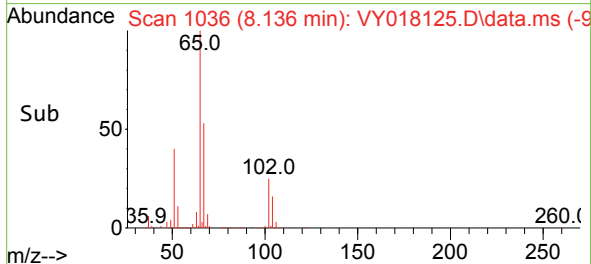
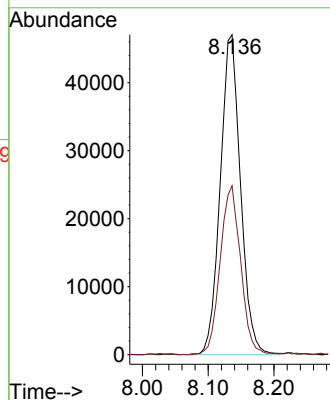
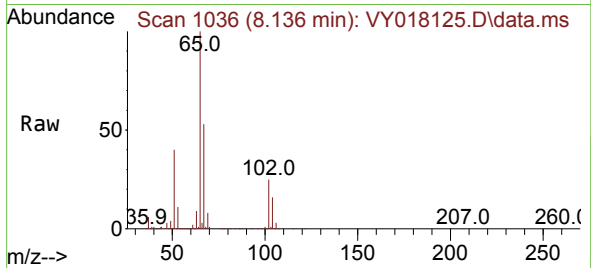




#33
1,2-Dichloroethane-d4
Concen: 49.526 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

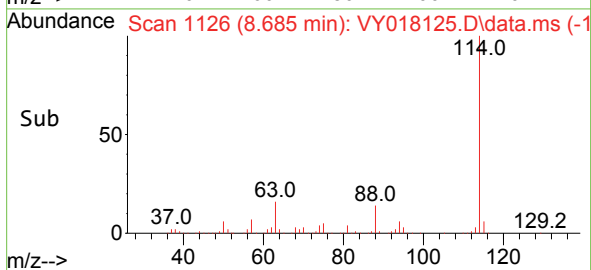
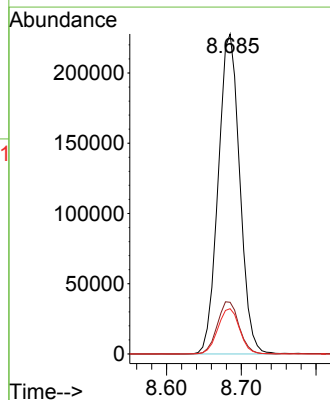
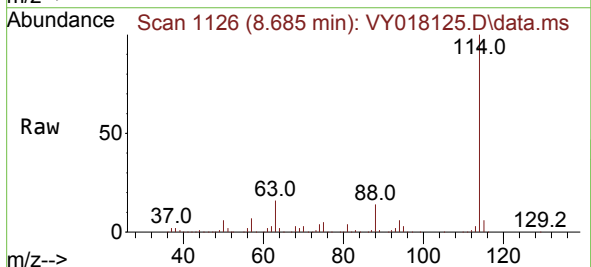
Instrument :
MSVOA_Y
ClientSampleId :

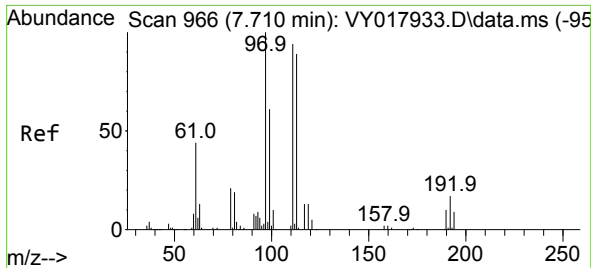
Tgt Ion: 65 Resp: 101022
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Tgt Ion:114 Resp: 455667
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 14.1 0.0 27.2

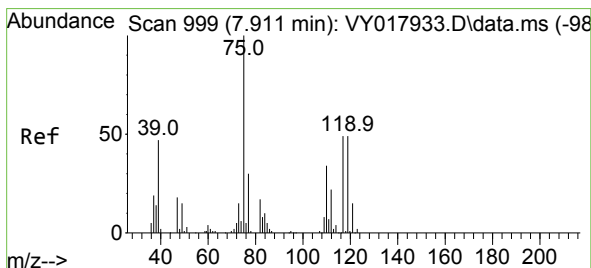
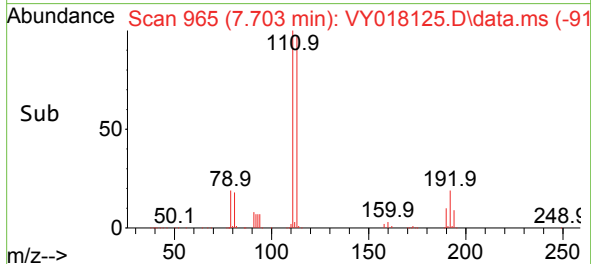
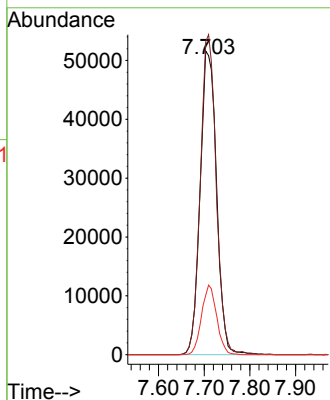
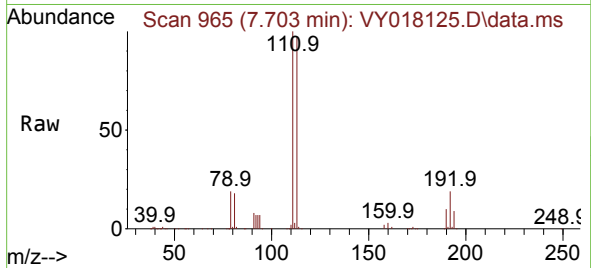




#35
Dibromofluoromethane
Concen: 49.013 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.019 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

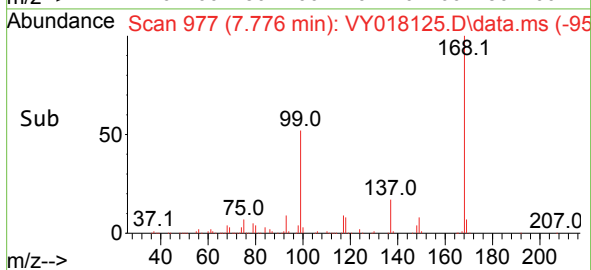
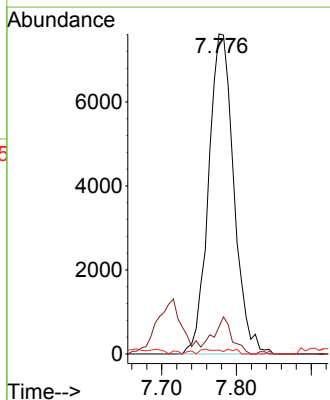
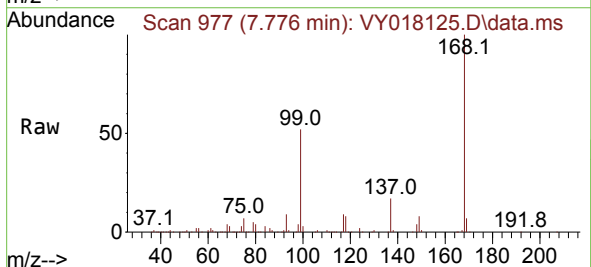
Instrument :
MSVOA_Y
ClientSampleId :

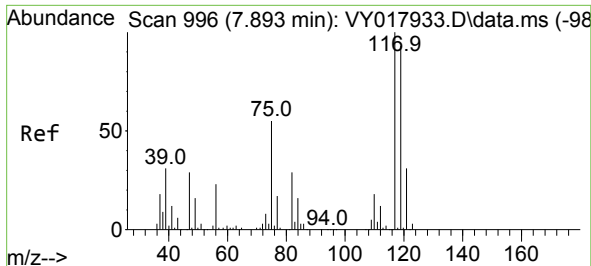
Tgt Ion:113 Resp: 128344
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.141 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

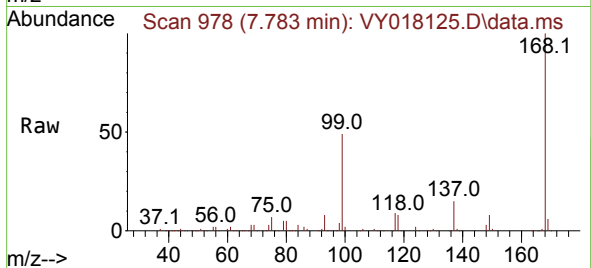
Tgt Ion: 75 Resp: 17912
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.6 25.3 37.9#



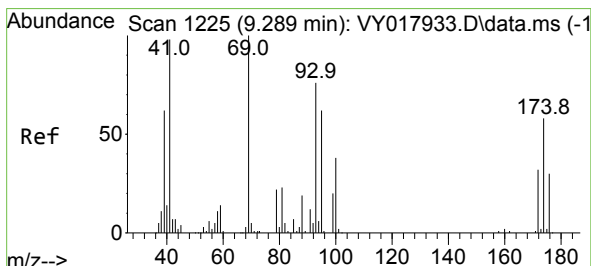
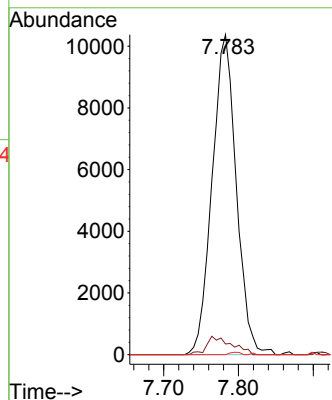
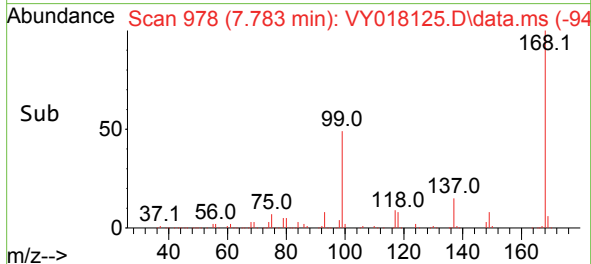


#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

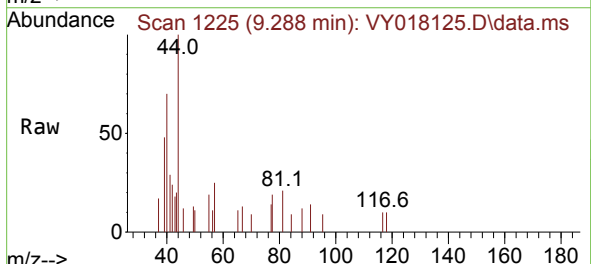
Instrument :
MSVOA_Y
ClientSampleId :



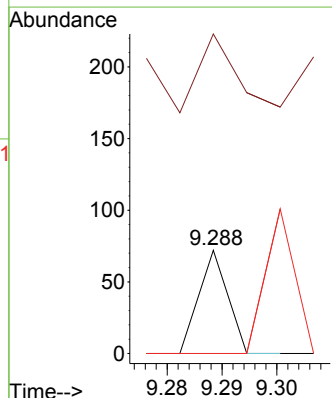
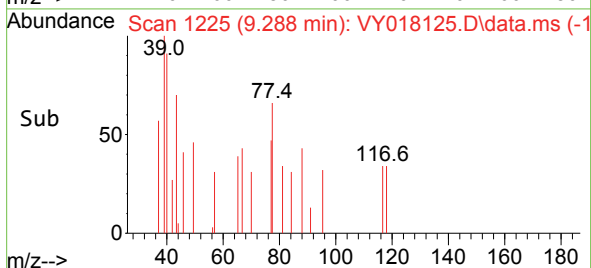
Tgt Ion:117 Resp: 23270
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.0 36.0#

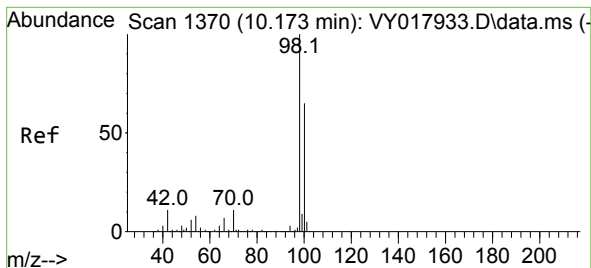


#49
1,4-Dioxane
Concen: 1.573 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.013 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28



Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 2615.4 0.0 0.0#
58 142.3 49.3 73.9#

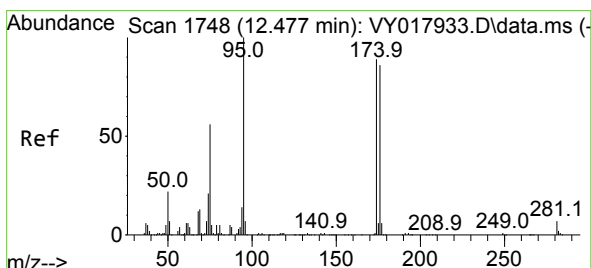
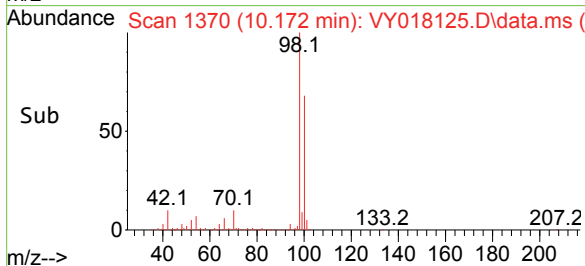
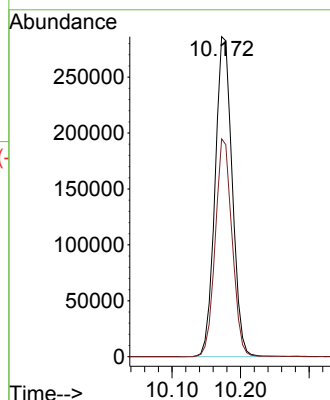
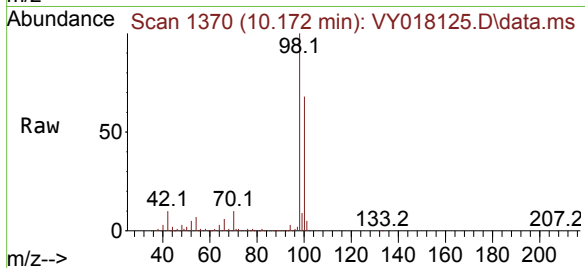




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

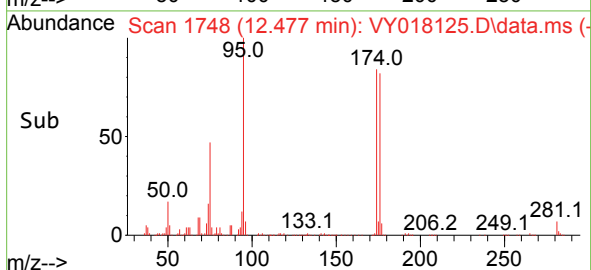
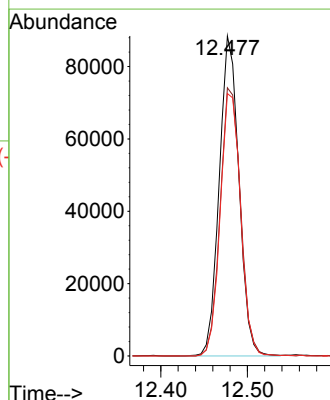
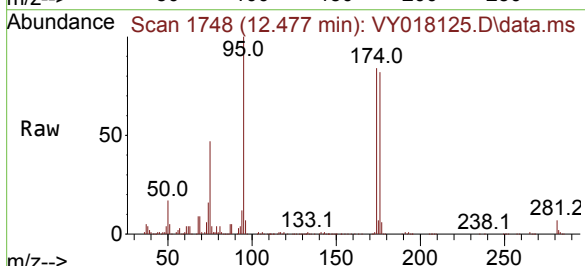
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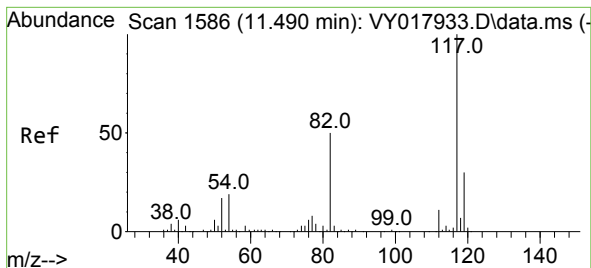
Tgt Ion: 98 Resp: 497609
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.700 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

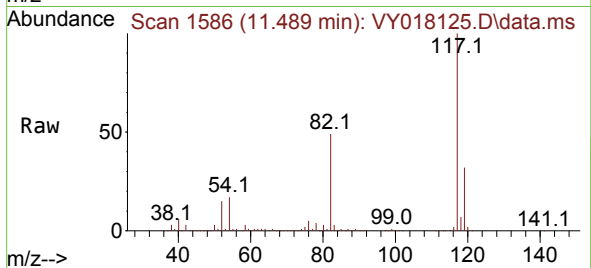
Tgt Ion: 95 Resp: 139669
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 85.1 0.0 171.4



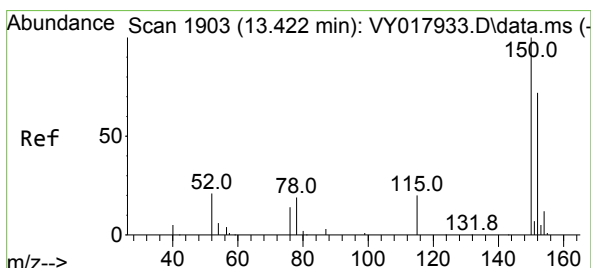
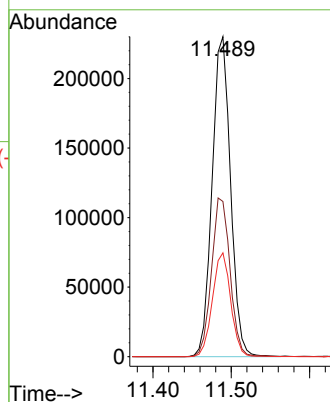
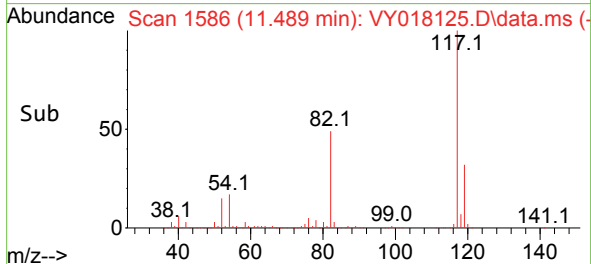


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

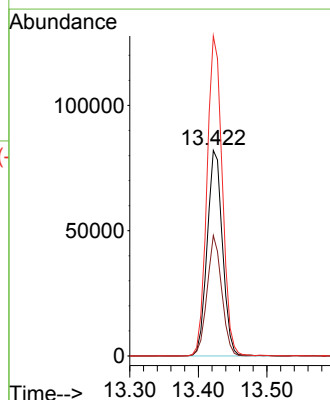
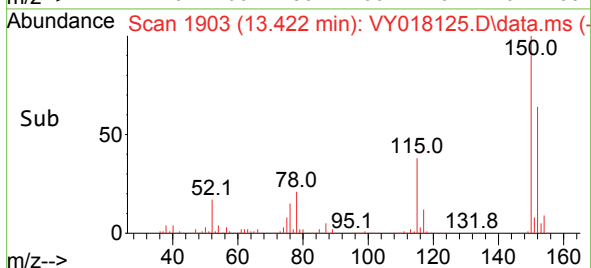
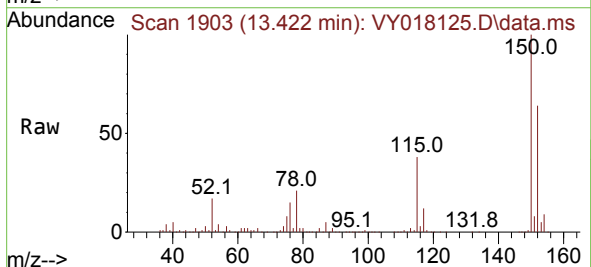


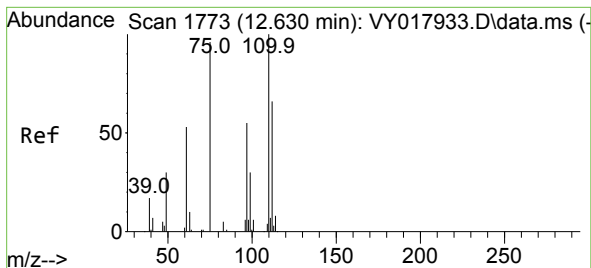
Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.5	42.4	63.6
119	32.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	155.4	0.0	345.6

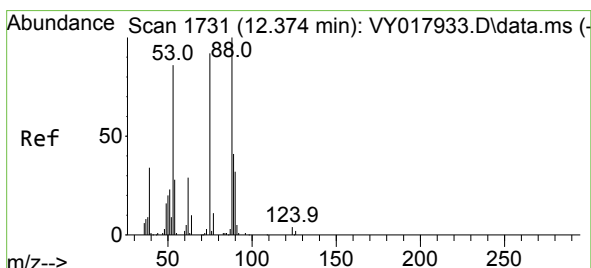
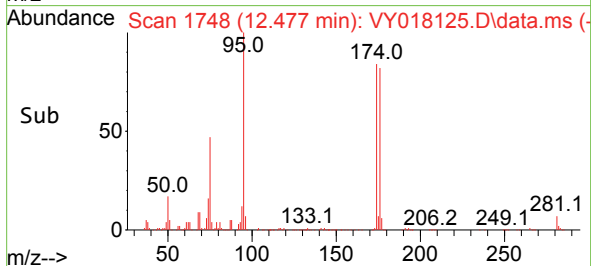
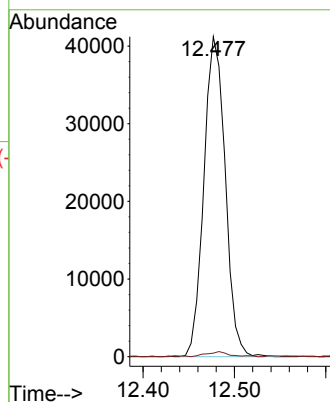
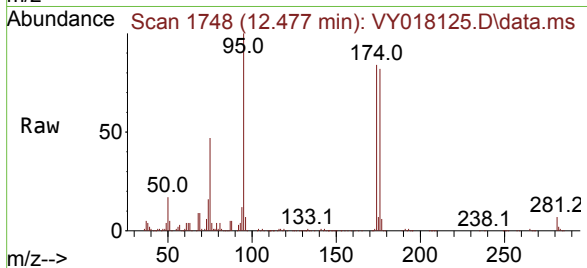




#76
1,2,3-Trichloropropane
Concen: 62.392 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66782
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Tgt Ion: 75 Resp: 66782
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

