

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018667.D
 Acq On : 21 Jun 2024 14:09
 Operator : SY/MD
 Sample : P2997-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

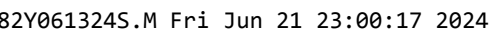
Quant Time: Jun 21 23:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

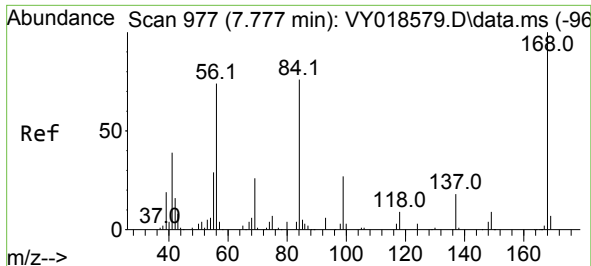
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	49269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	87787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	76829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24414	49.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.703	113	28151	52.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.140%
50) Toluene-d8	10.173	98	100529	48.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.477	95	27709	42.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	559	5.539	ug/l	87
20) Methylene Chloride	4.698	84	4293	Below Cal		93
31) Cyclohexane	7.777	56	1242	1.635	ug/l #	63
36) 1,1-Dichloropropene	7.771	75	3793	5.146	ug/l #	48
38) Carbon Tetrachloride	7.771	117	5108	6.605	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	453	1.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	14749	53.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14749	141.320	ug/l #	16

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

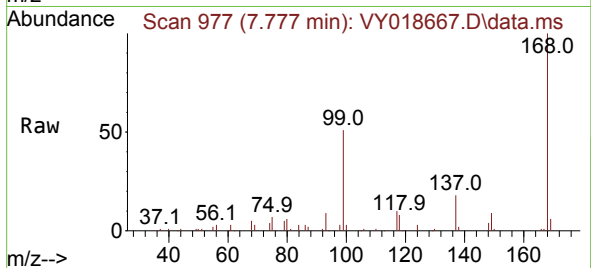
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



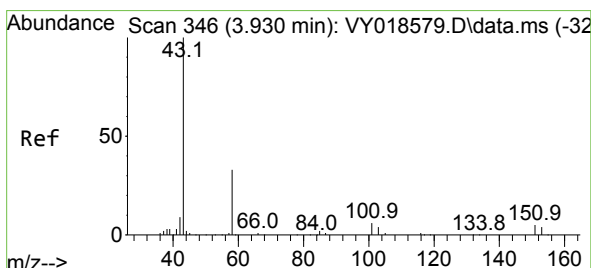
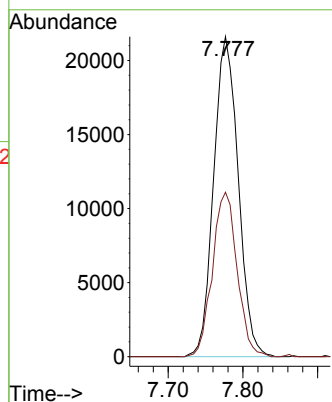
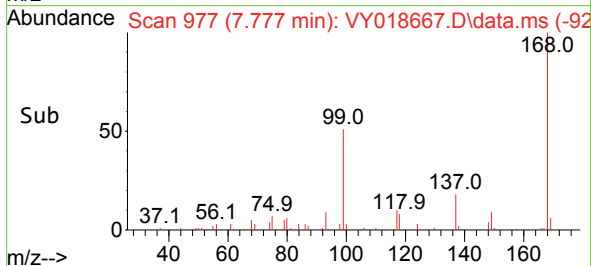


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

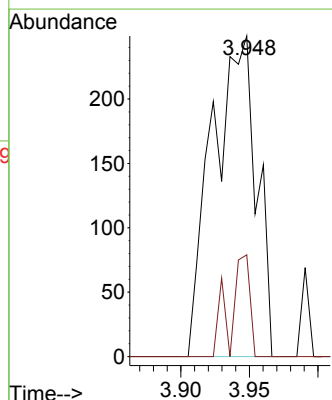
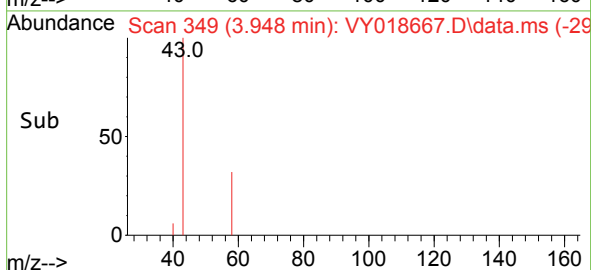
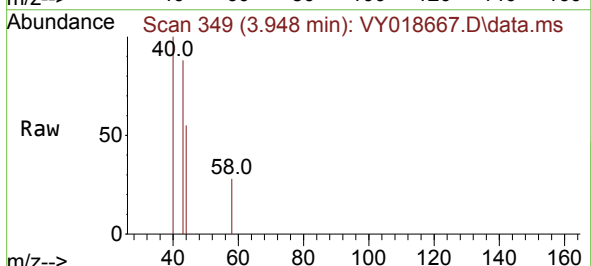


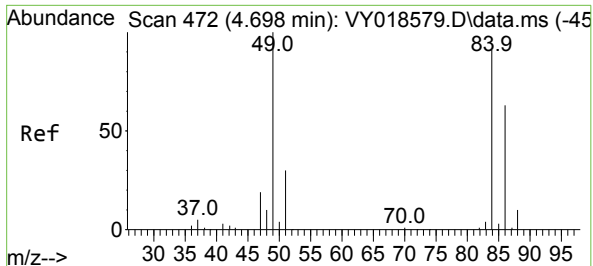
Tgt Ion:168 Resp: 49269
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#16
Acetone
Concen: 5.539 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.018 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

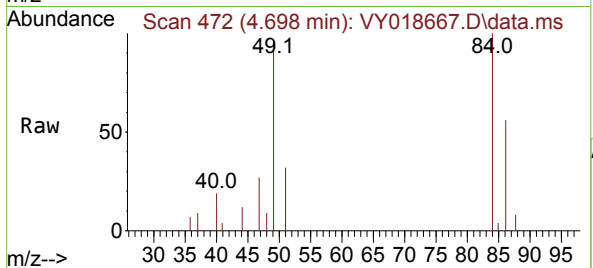
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5



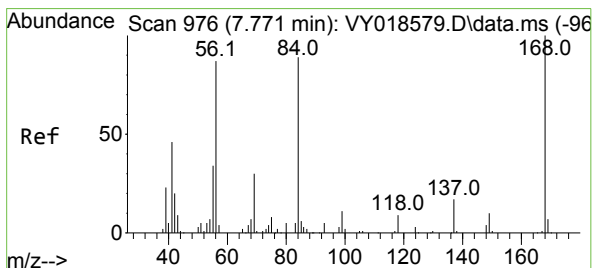
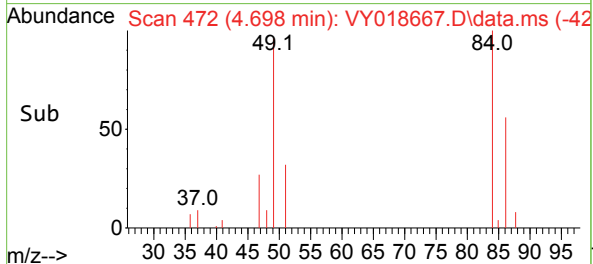
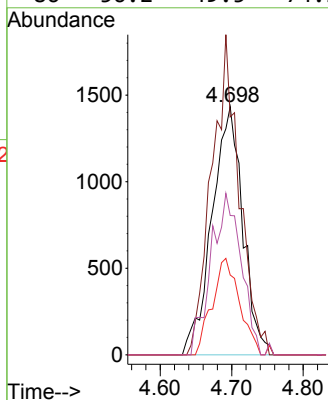


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

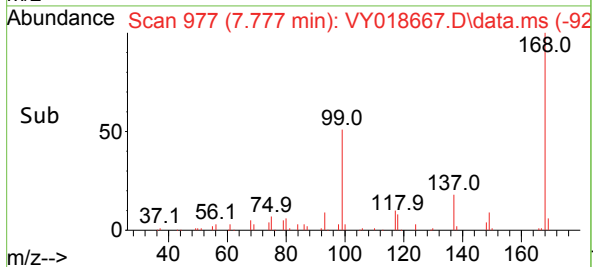
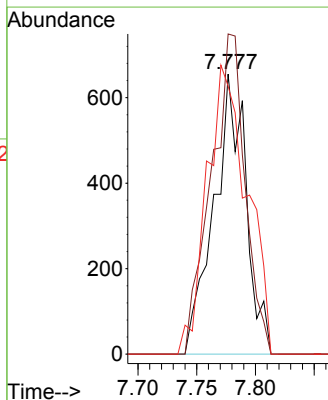
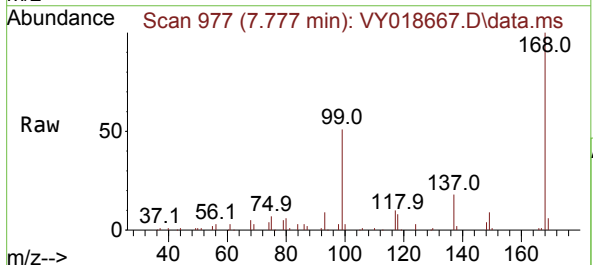


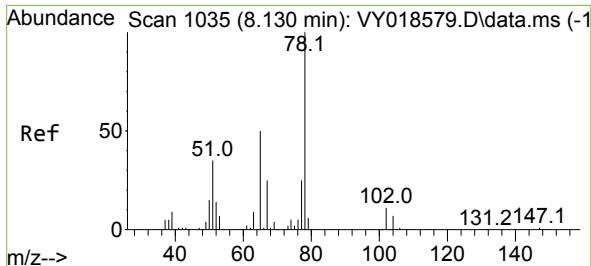
Tgt Ion:	84	Resp:	4293
Ion	Ratio	Lower	Upper
84	100		
49	95.9	84.4	126.6
51	32.2	26.0	39.0
86	56.2	49.5	74.3



#31
Cyclohexane
Concen: 1.635 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion:	56	Resp:	1242
Ion	Ratio	Lower	Upper
56	100		
69	114.4	28.7	43.1#
84	95.7	77.7	116.5

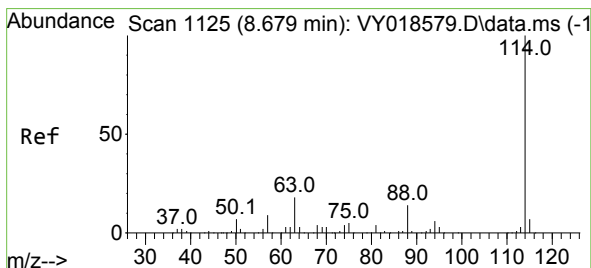
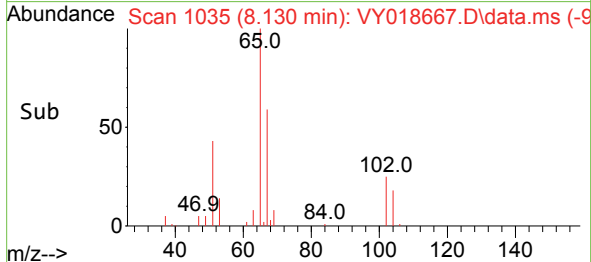
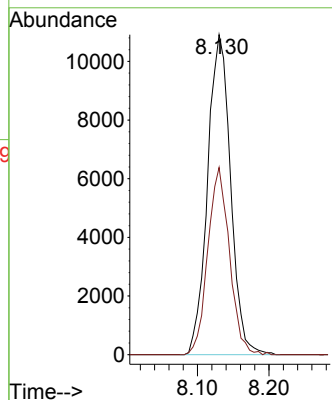
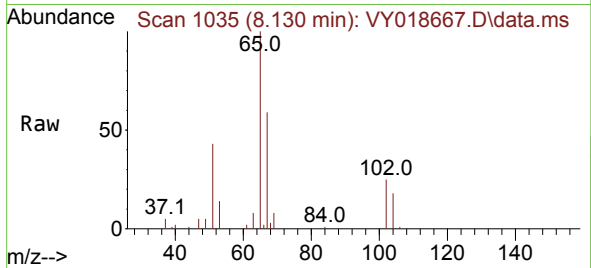




#33
 1,2-Dichloroethane-d4
 Concen: 49.218 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018667.D
 Acq: 21 Jun 2024 14:09

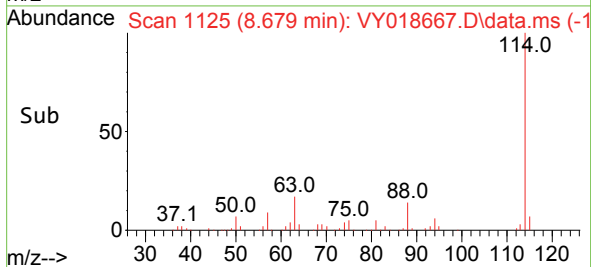
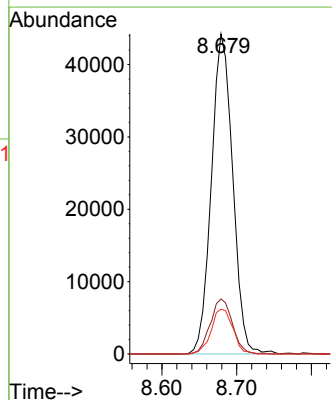
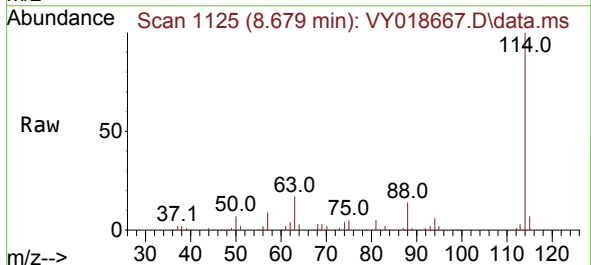
Instrument :
 MSVOA_Y
 ClientSampleId :

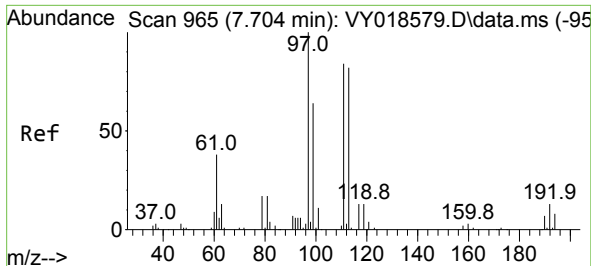
Tgt Ion: 65 Resp: 24414
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VY018667.D
 Acq: 21 Jun 2024 14:09

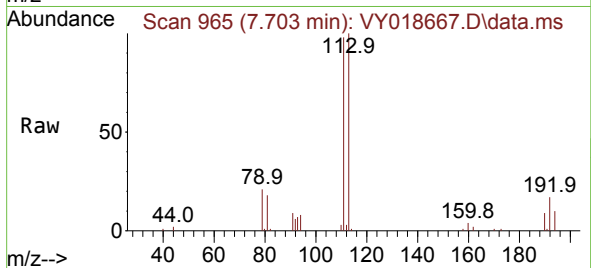
Tgt Ion:114 Resp: 87787
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 13.9 0.0 27.2



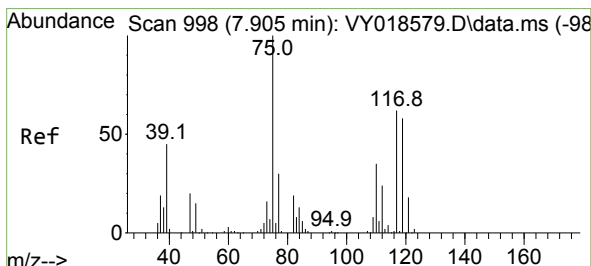
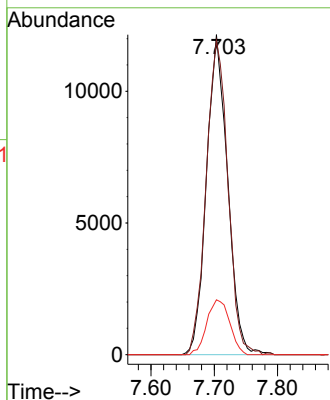
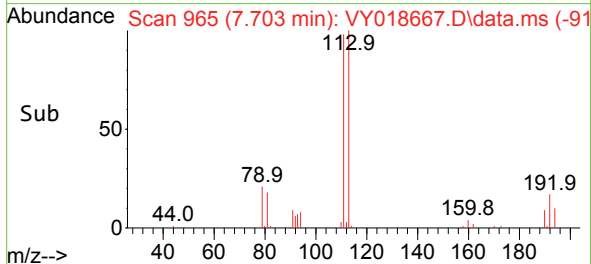


#35
Dibromofluoromethane
Concen: 52.568 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

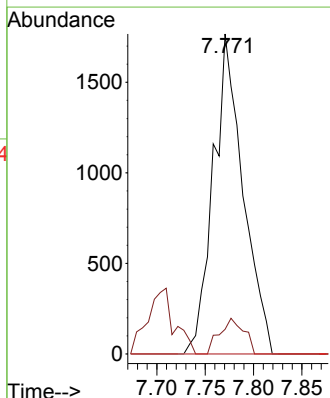
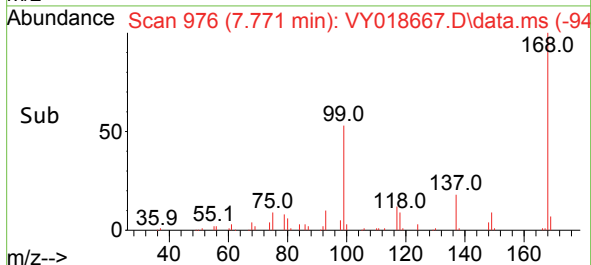
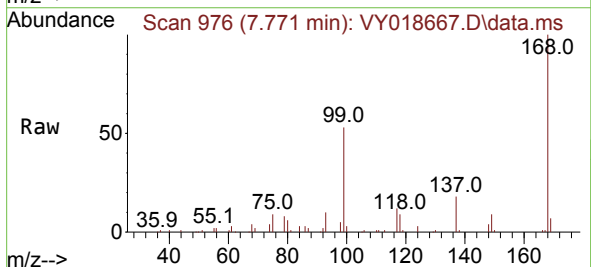


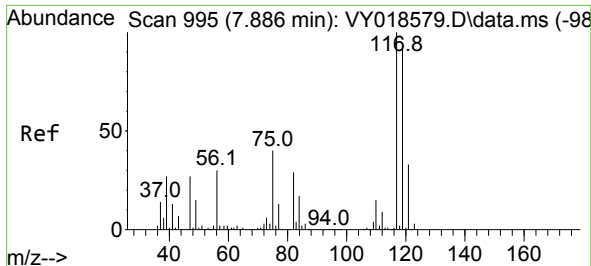
Tgt Ion:113 Resp: 28151
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

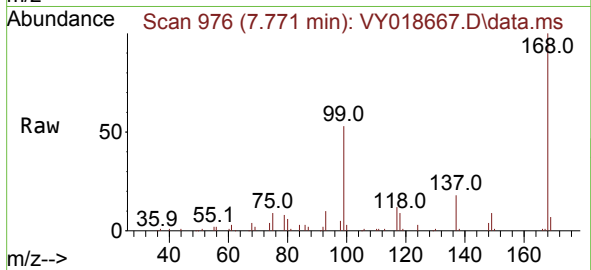
Tgt Ion: 75 Resp: 3793
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



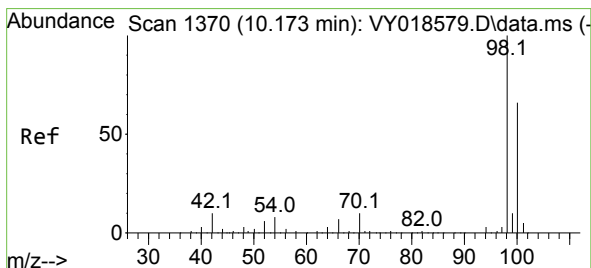
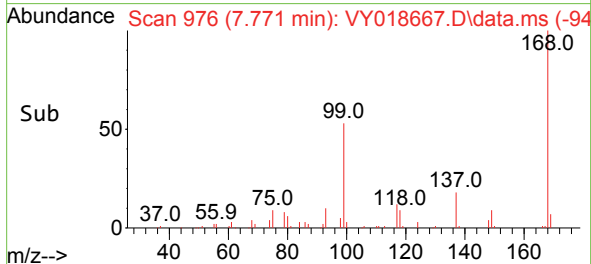
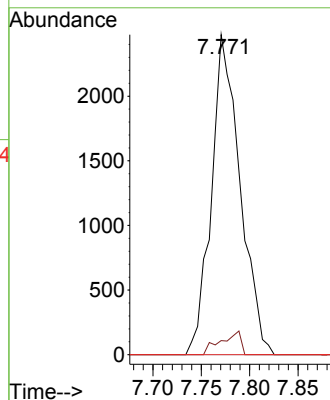


#38
Carbon Tetrachloride
Concen: 6.605 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

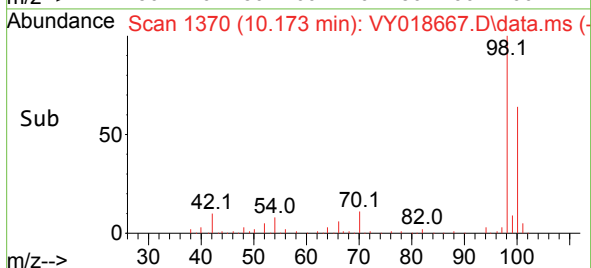
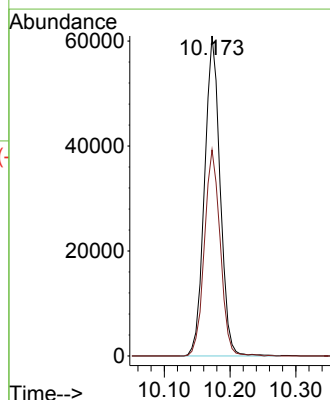
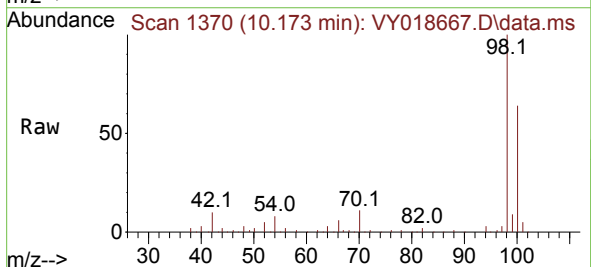


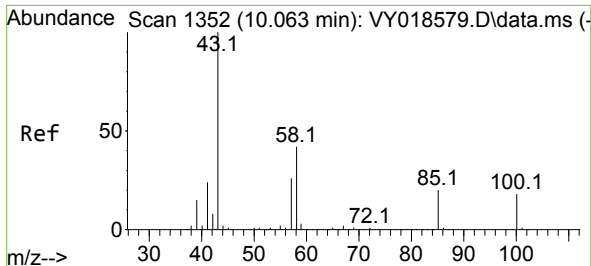
Tgt Ion:117 Resp: 5108
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 98 Resp: 100529
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

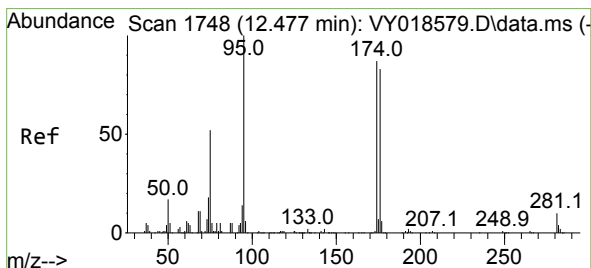
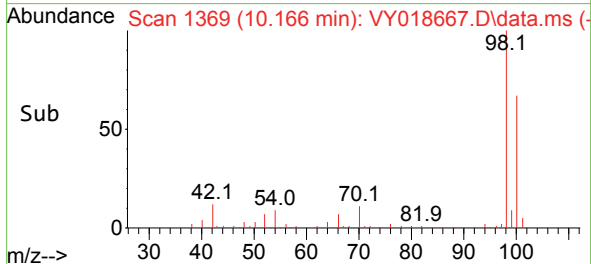
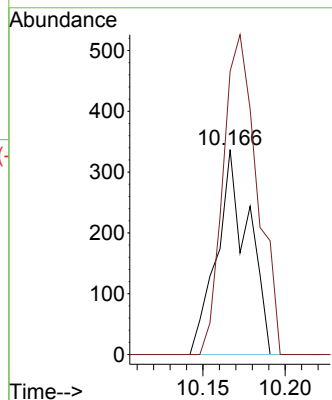
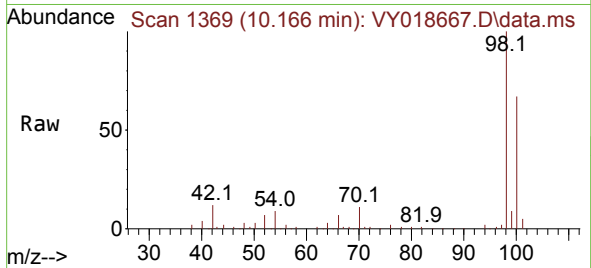




#51
4-Methyl-2-Pentanone
Concen: 1.326 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

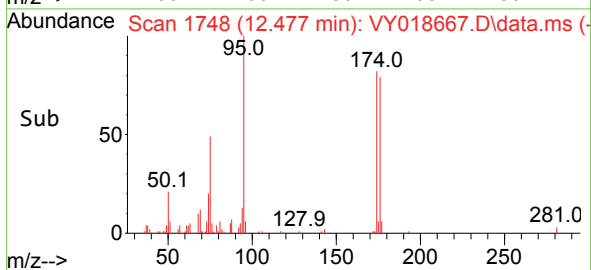
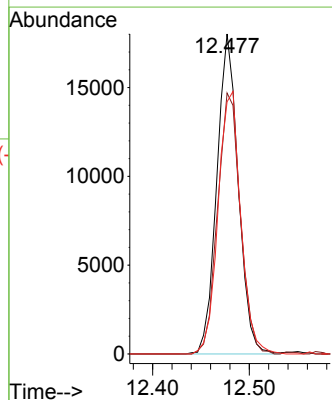
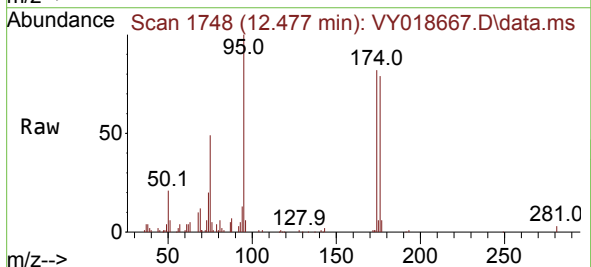
Instrument :
MSVOA_Y
ClientSampleId :

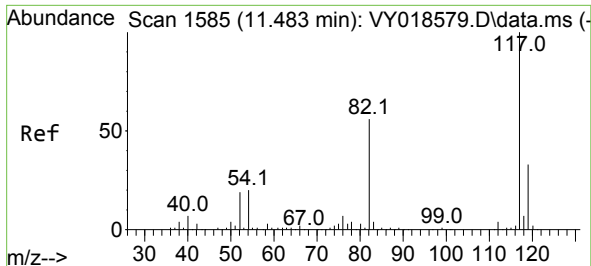
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 167.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 95 Resp: 27709
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 86.8 0.0 171.4

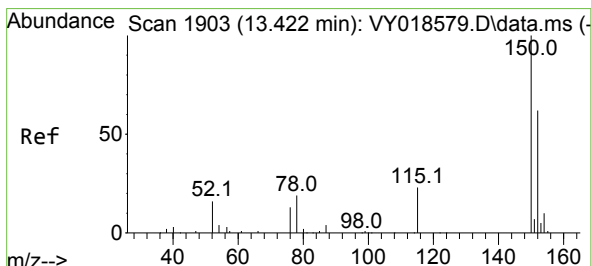
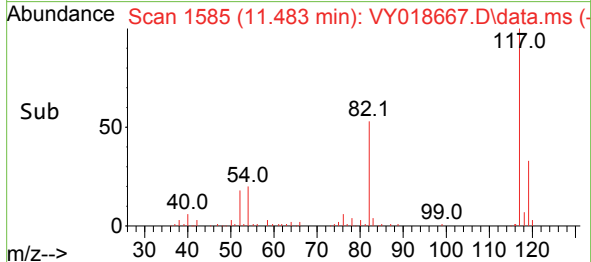
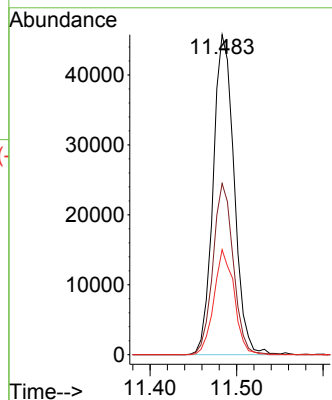
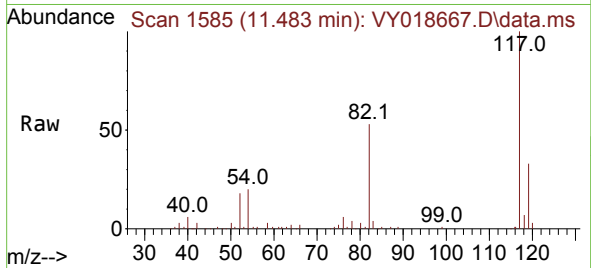




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

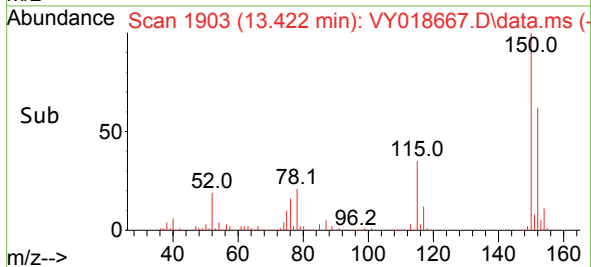
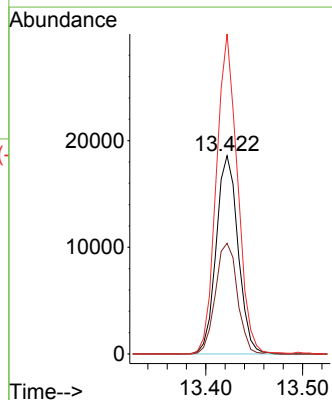
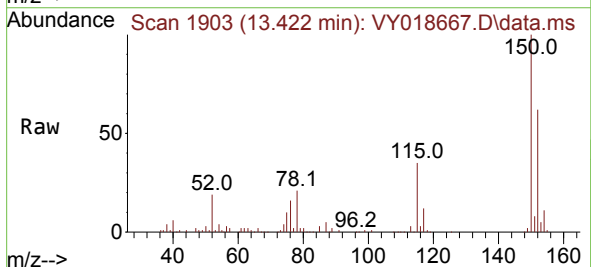
Instrument :
MSVOA_Y
ClientSampleId :

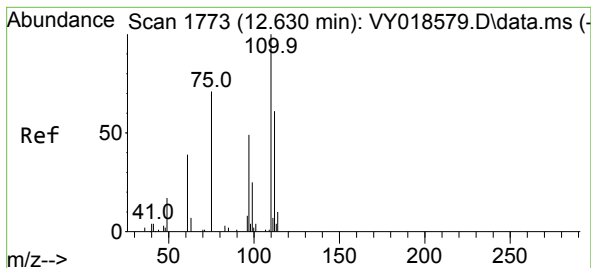
Tgt Ion:117 Resp: 76829
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion:152 Resp: 29143
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.5 0.0 345.6

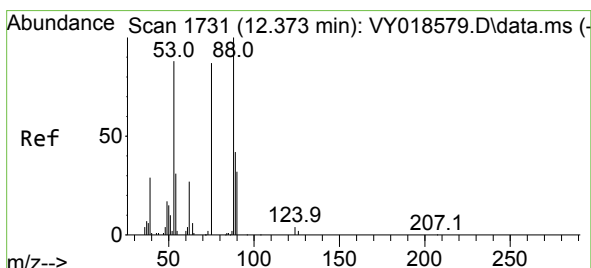
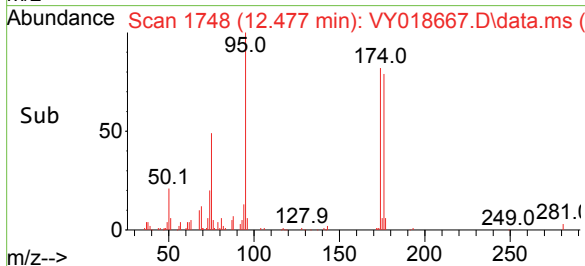
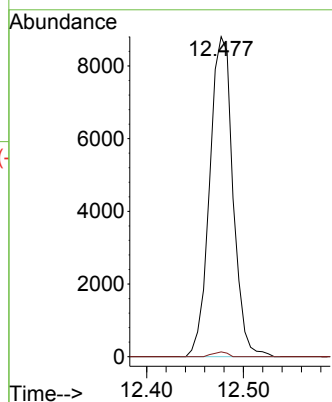
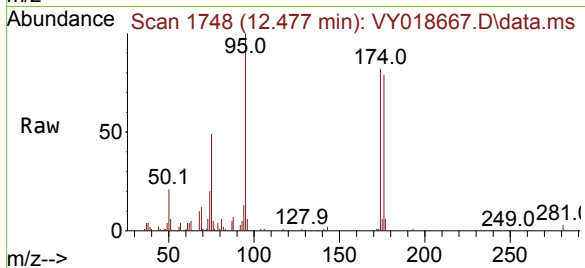




#76
1,2,3-Trichloropropane
Concen: 53.952 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 14749
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.320 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 75 Resp: 14749
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

