

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018702.D
 Acq On : 26 Jun 2024 13:01
 Operator : SY/MD
 Sample : P3045-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:50:29 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)

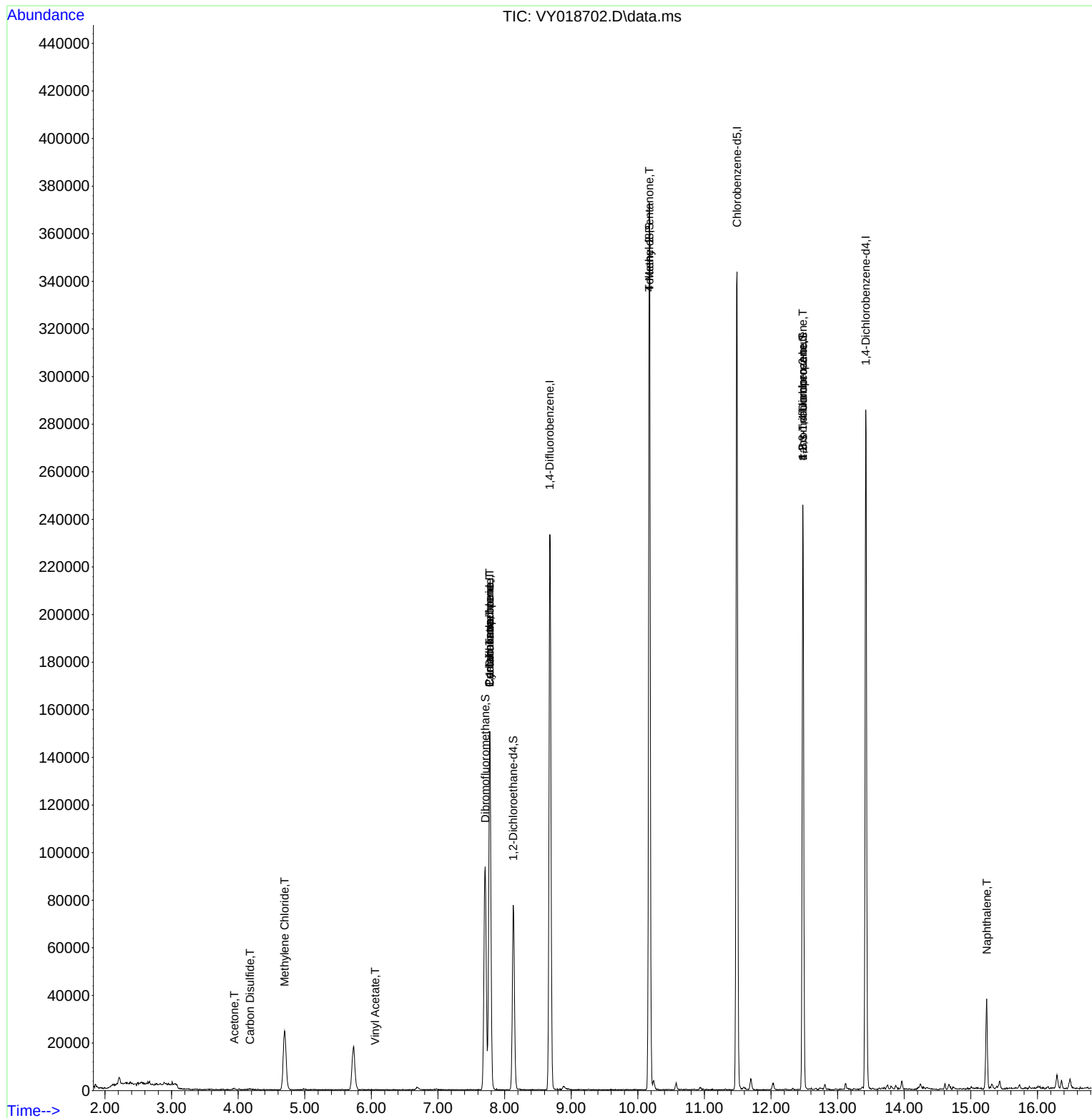
Internal Standards						
1) Pentafluorobenzene	7.777	168	119854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	216916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58208	48.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.480%		
35) Dibromofluoromethane	7.710	113	67939	51.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.680%		
50) Toluene-d8	10.173	98	248683	48.870	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.740%		
62) 4-Bromofluorobenzene	12.477	95	73739	45.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.780%		
Target Compounds						Qvalue
16) Acetone	3.942	43	904	3.682	ug/l #	84
17) Carbon Disulfide	4.180	76	529	2.365	ug/l #	76
20) Methylene Chloride	4.698	84	20260	5.399	ug/l	95
23) Vinyl Acetate	6.057	43	66	23.714	ug/l #	67
31) Cyclohexane	7.777	56	2227	1.205	ug/l #	44
36) 1,1-Dichloropropene	7.777	75	9039	4.963	ug/l #	49
38) Carbon Tetrachloride	7.777	117	11894	6.224	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1118	1.324	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	37687	51.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37687	135.987	ug/l #	16
95) Naphthalene	15.239	128	30133	12.853	ug/l	99

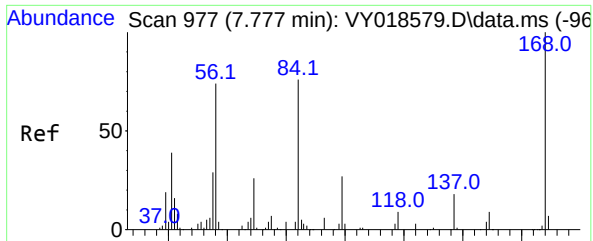
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
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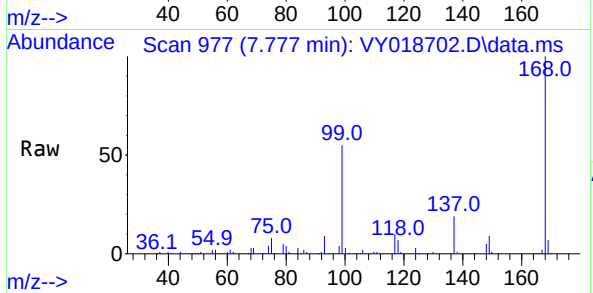
Quant Time: Jun 27 07:50:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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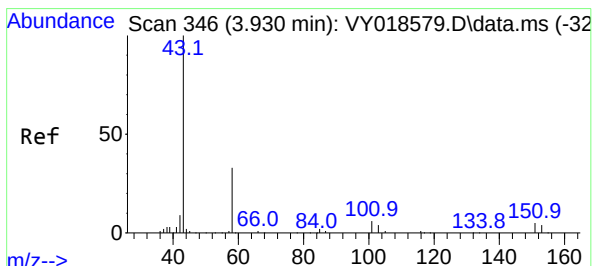
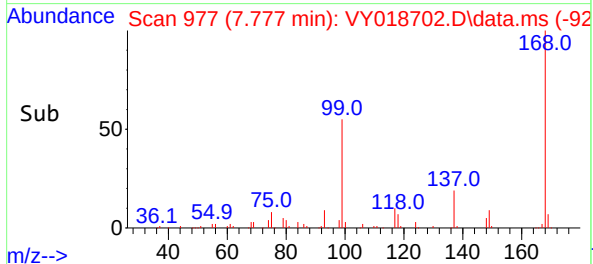
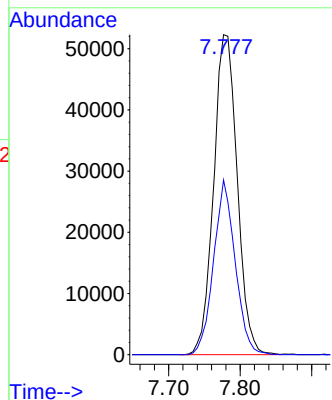


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

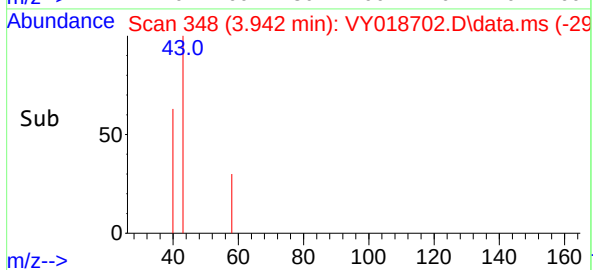
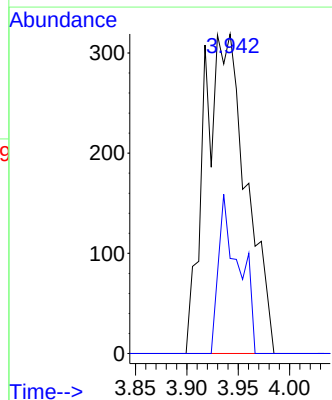
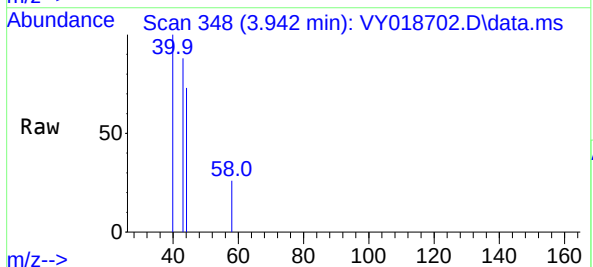


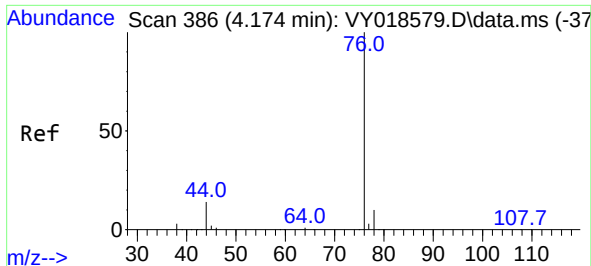
Tgt Ion:168 Resp: 119854
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#16
Acetone
Concen: 3.682 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#





#17

Carbon Disulfide

Concen: 2.365 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

Instrument :

MSVOA_Y

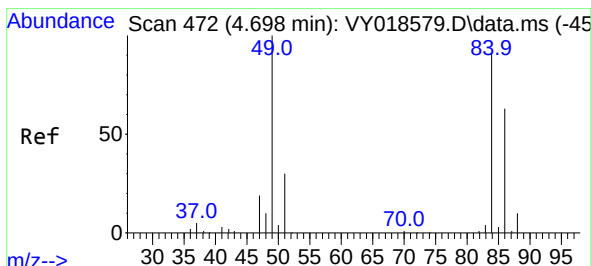
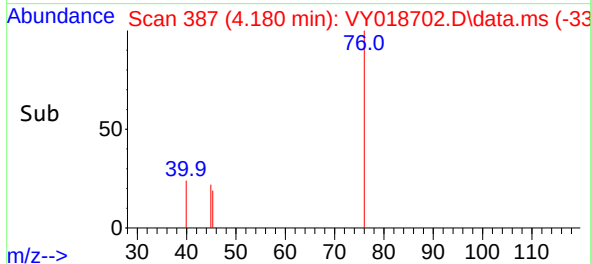
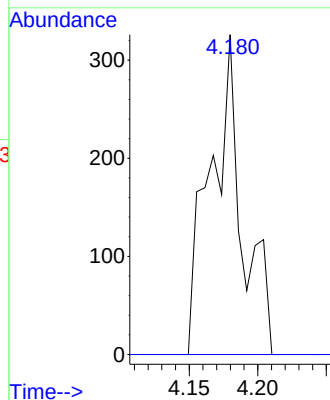
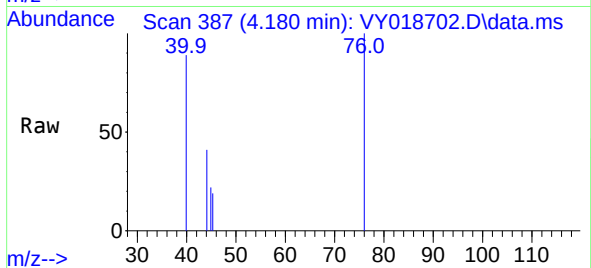
ClientSampleId :

Tgt Ion: 76 Resp: 529

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: 5.399 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

Tgt Ion: 84 Resp: 20260

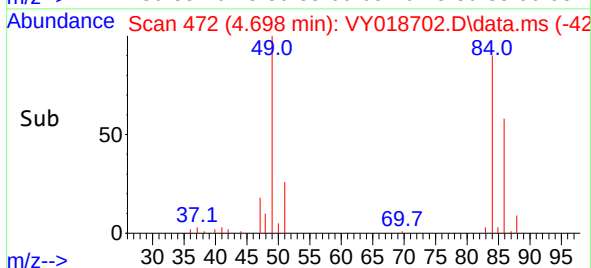
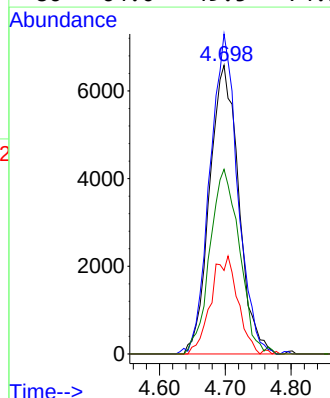
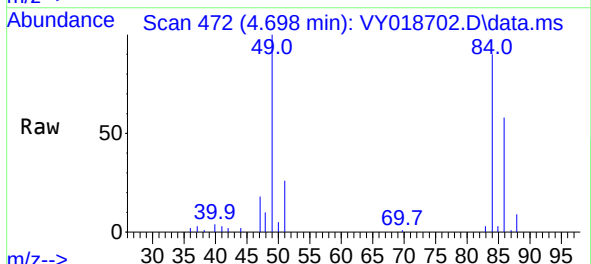
Ion Ratio Lower Upper

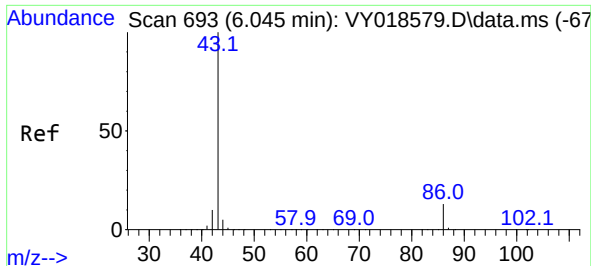
84 100

49 110.9 84.4 126.6

51 28.9 26.0 39.0

86 64.0 49.5 74.3

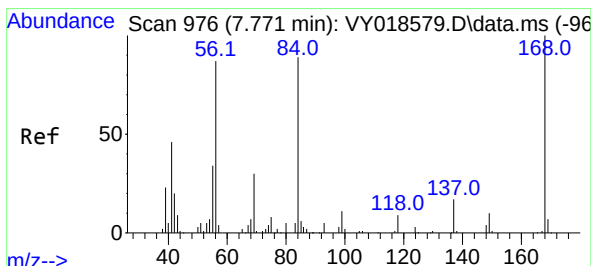
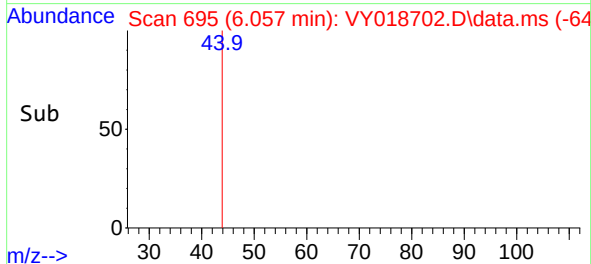
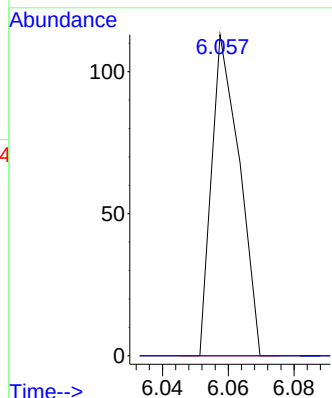
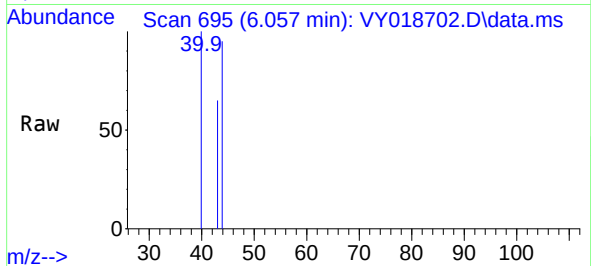




#23
 Vinyl Acetate
 Concen: 23.714 ug/l
 RT: 6.057 min Scan# 64
 Delta R.T. 0.012 min
 Lab File: VY018702.D
 Acq: 26 Jun 2024 13:01

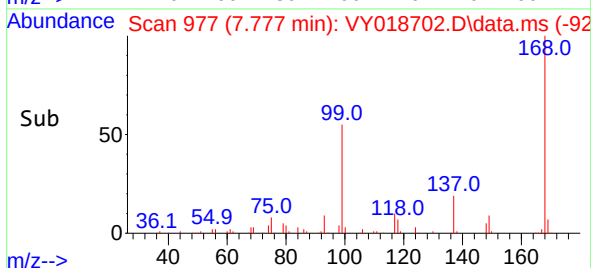
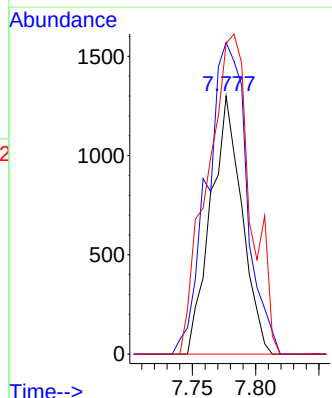
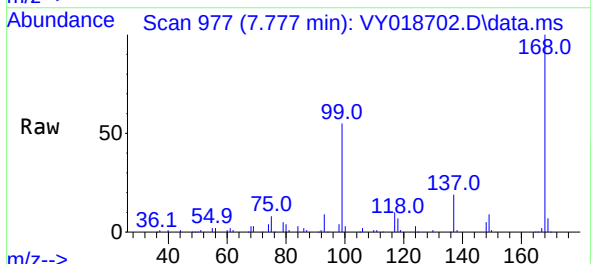
Instrument :
 MSVOA_Y
 ClientSampleId :

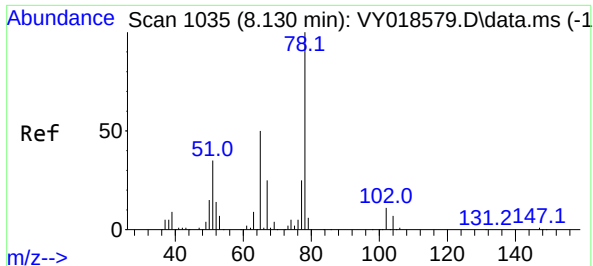
Tgt Ion: 43 Resp: 66
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.205 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VY018702.D
 Acq: 26 Jun 2024 13:01

Tgt Ion: 56 Resp: 2227
 Ion Ratio Lower Upper
 56 100
 69 120.8 28.7 43.1#
 84 120.4 77.7 116.5#

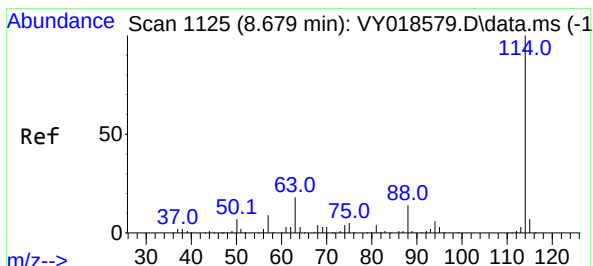
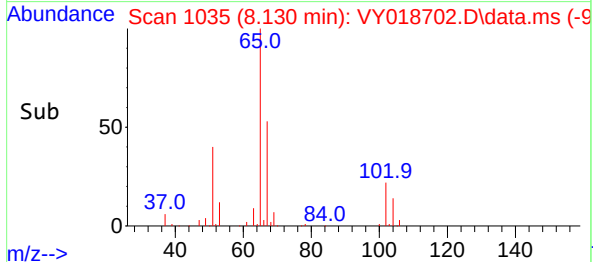
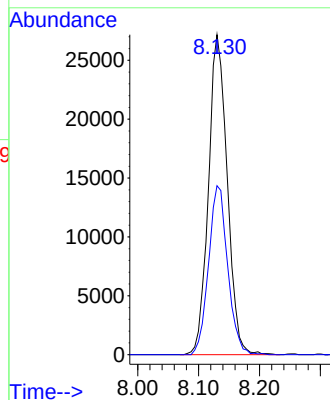
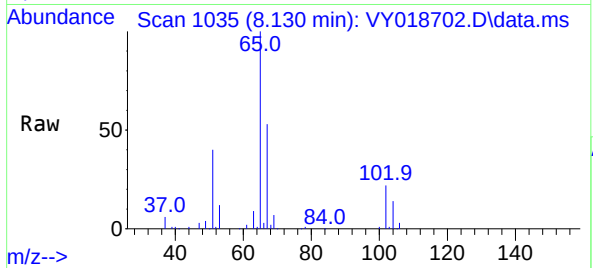




#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

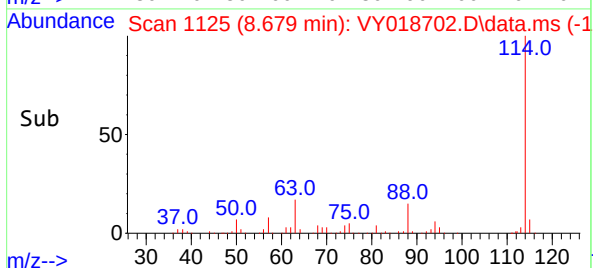
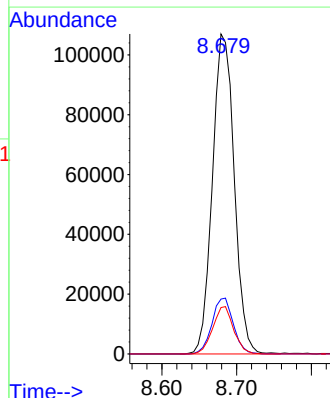
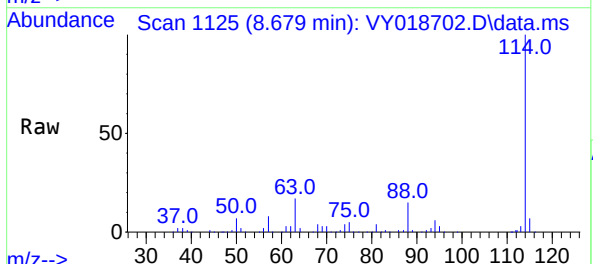
Instrument :
MSVOA_Y
ClientSampleId :

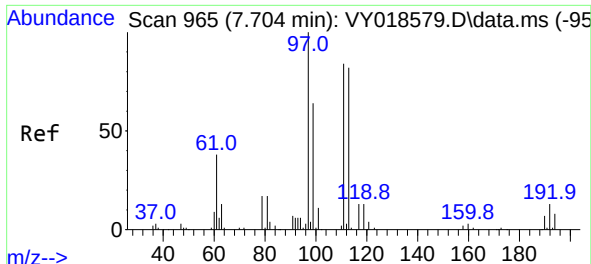
Tgt Ion: 65 Resp: 58208
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

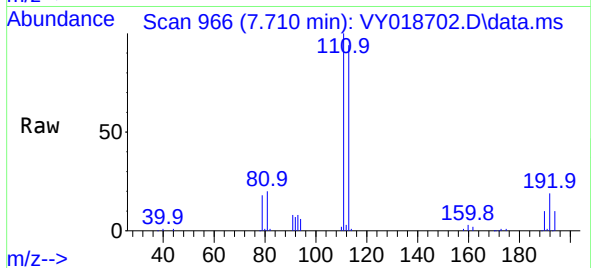
Tgt Ion:114 Resp: 216916
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 14.5 0.0 27.2



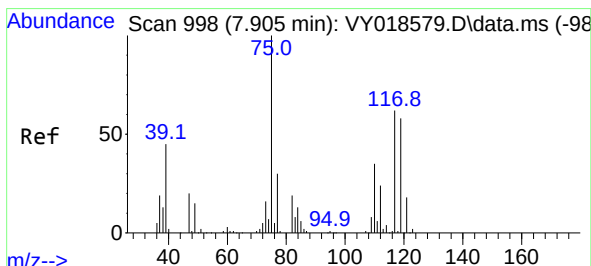
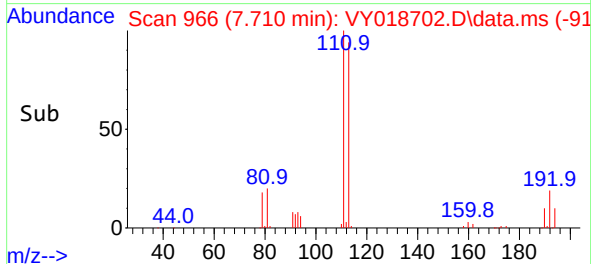
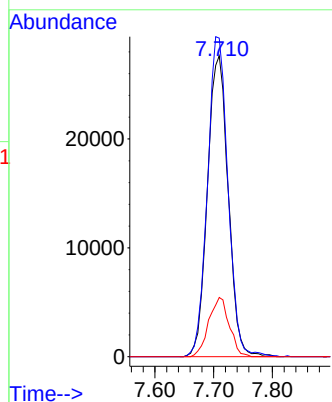


#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

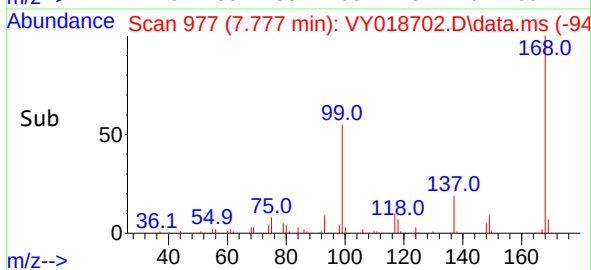
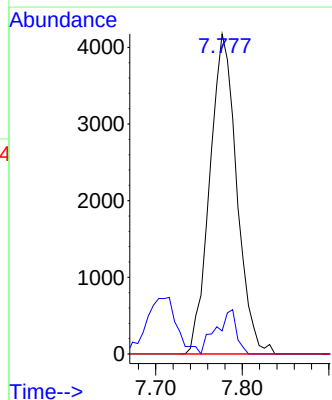
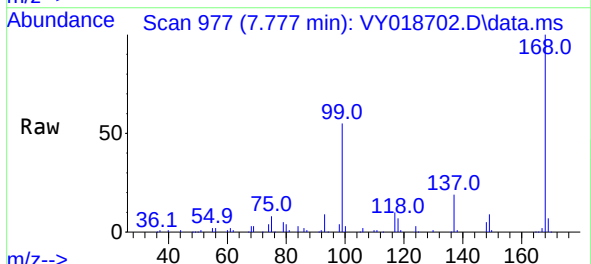


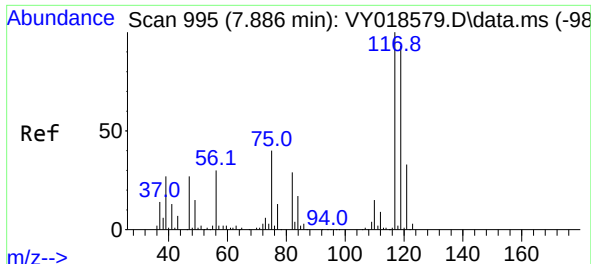
Tgt Ion:113 Resp: 67939
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

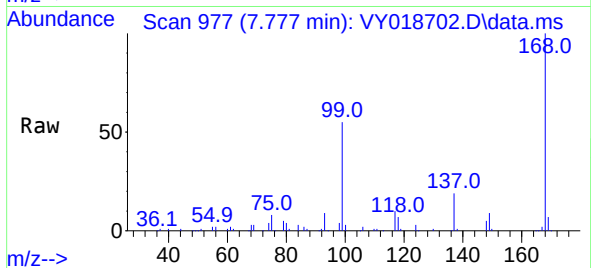
Tgt Ion: 75 Resp: 9039
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



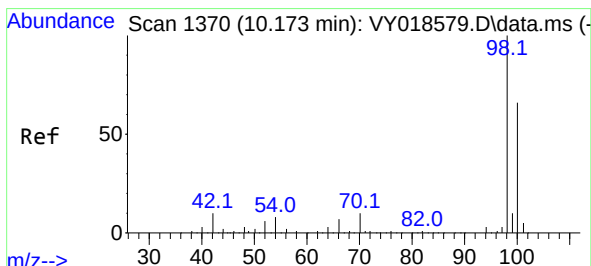
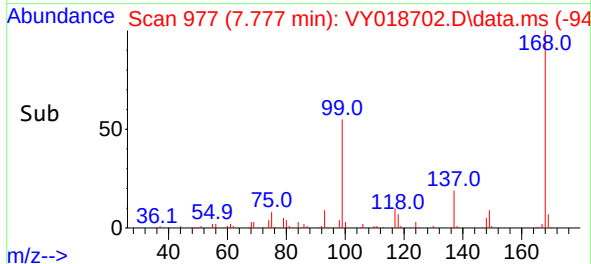
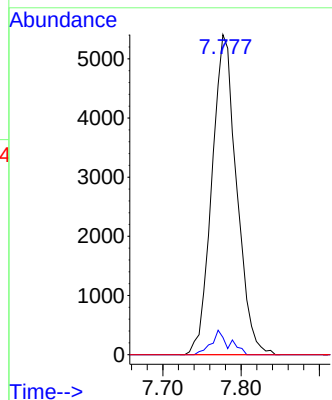


#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

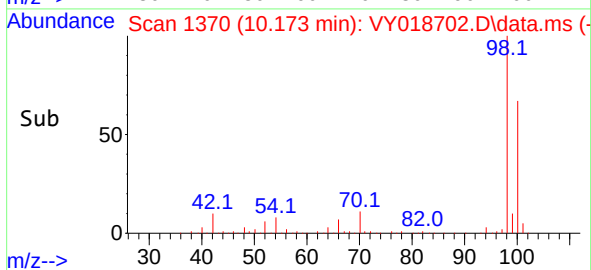
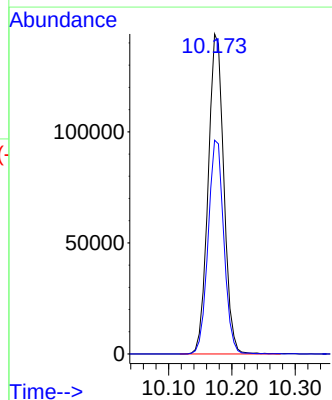
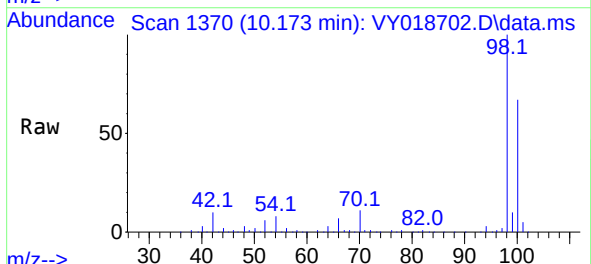


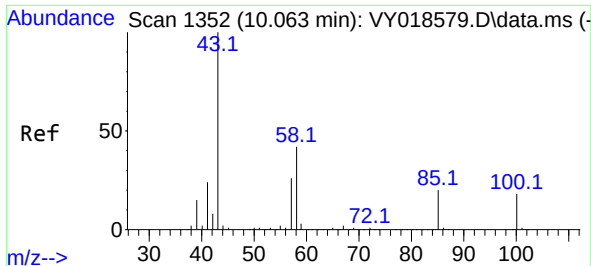
Tgt Ion:117 Resp: 11894
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.870 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion: 98 Resp: 248683
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0

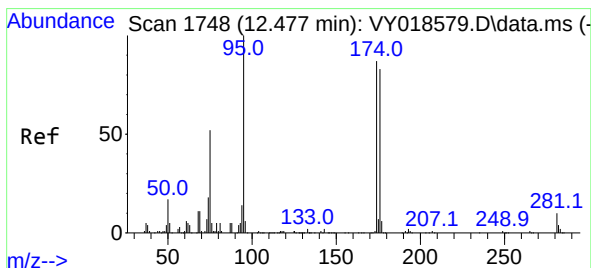
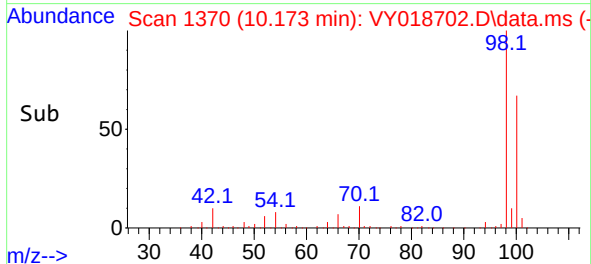
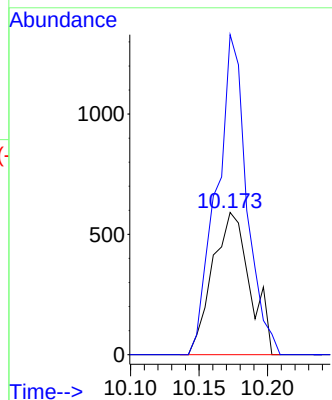
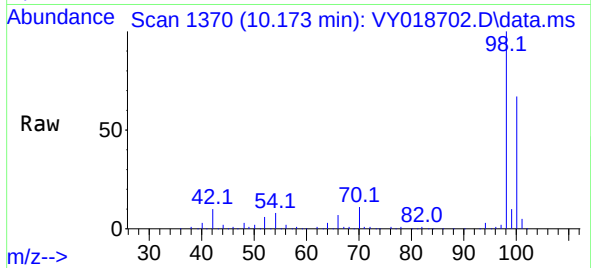




#51
4-Methyl-2-Pentanone
Concen: 1.324 ug/l
RT: 10.173 min Scan# 1118
Delta R.T. 0.110 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

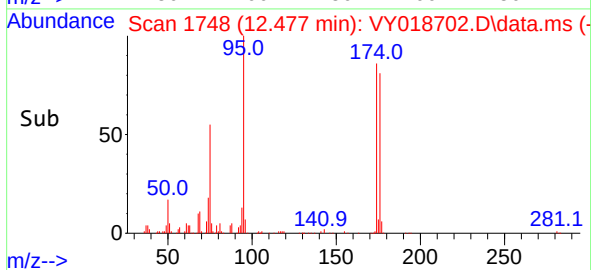
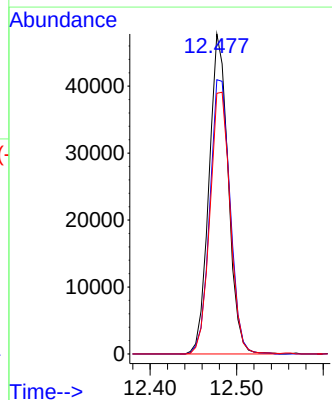
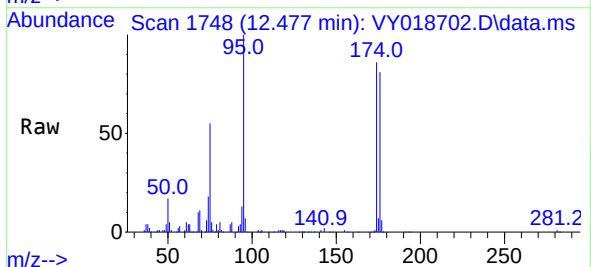
Instrument :
MSVOA_Y
ClientSampleId :

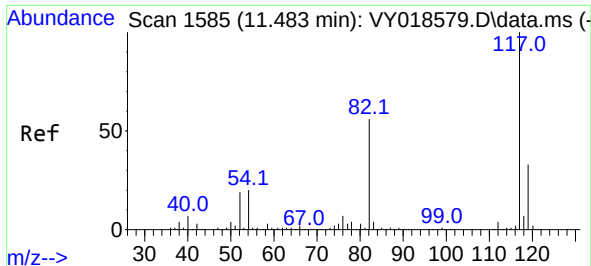
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 182.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 45.890 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion: 95 Resp: 73739
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 86.0 0.0 171.4

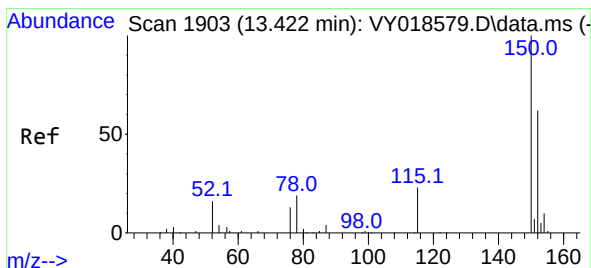
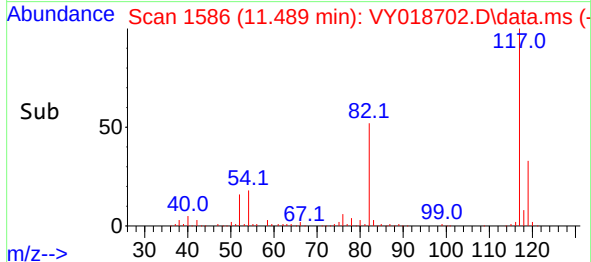
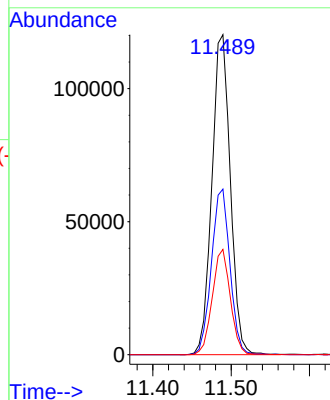
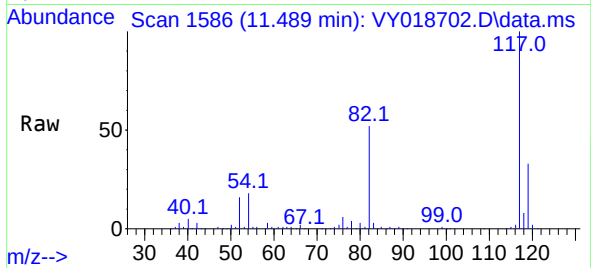




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

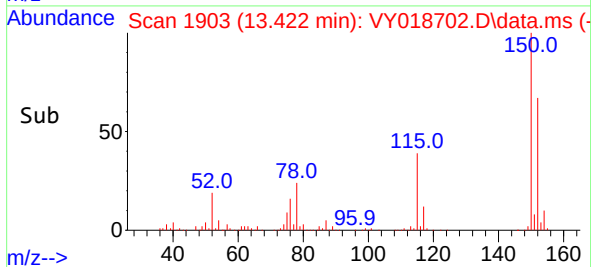
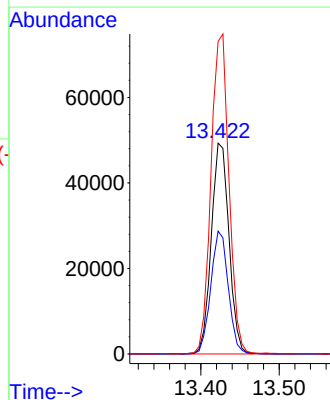
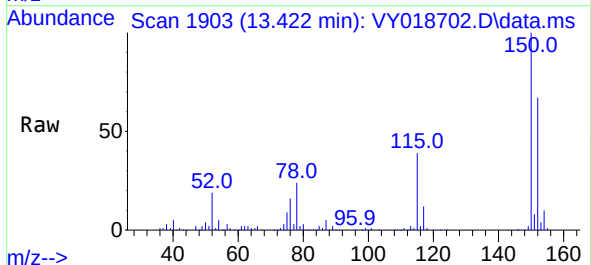
Instrument :
MSVOA_Y
ClientSampleId :

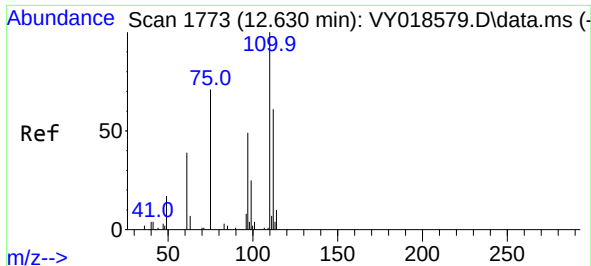
Tgt Ion:117 Resp: 196657
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion:152 Resp: 77387
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 153.8 0.0 345.6

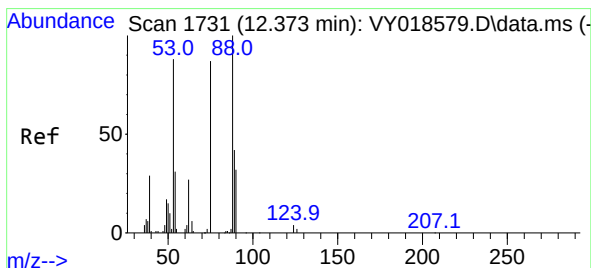
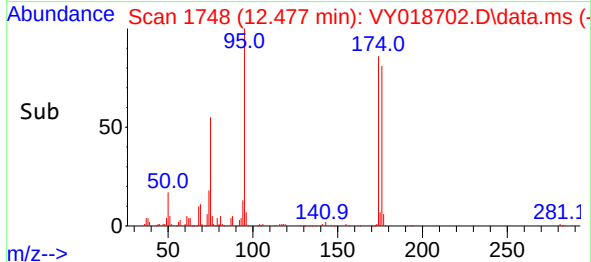
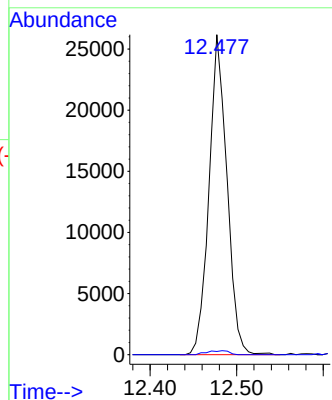
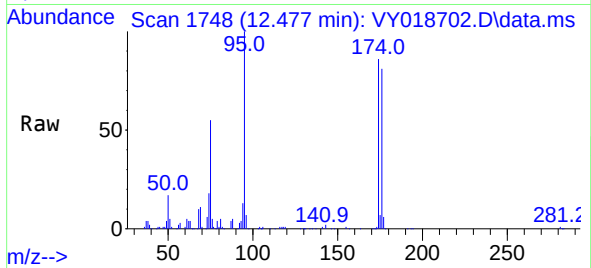




#76
1,2,3-Trichloropropane
Concen: 51.916 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

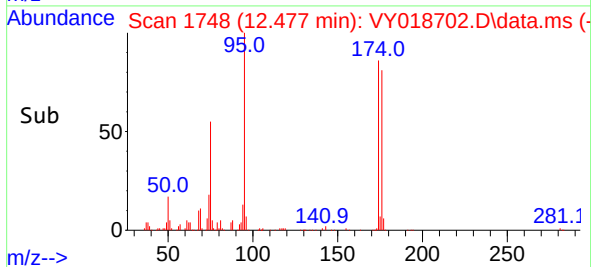
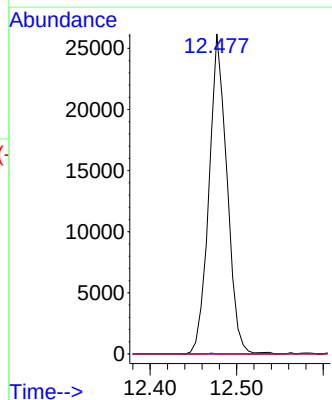
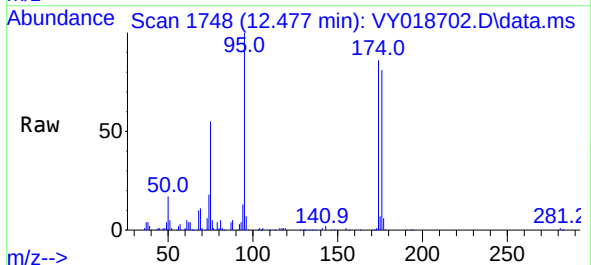
Instrument :
MSVOA_Y
ClientSampleId :

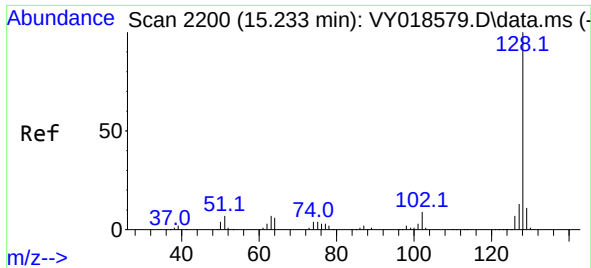
Tgt Ion: 75 Resp: 37687
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

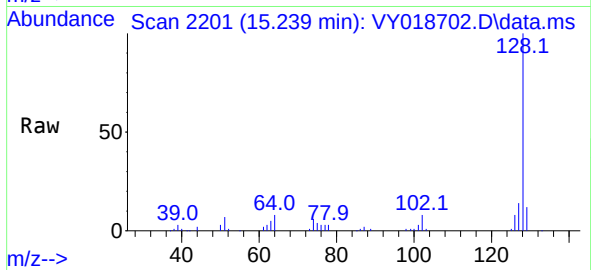
Tgt Ion: 75 Resp: 37687
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 12.853 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	30133
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.5	8.6	13.0

