

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018917.D
 Acq On : 25 Jul 2024 16:39
 Operator : SY/MD
 Sample : P3340-02
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 03:01:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

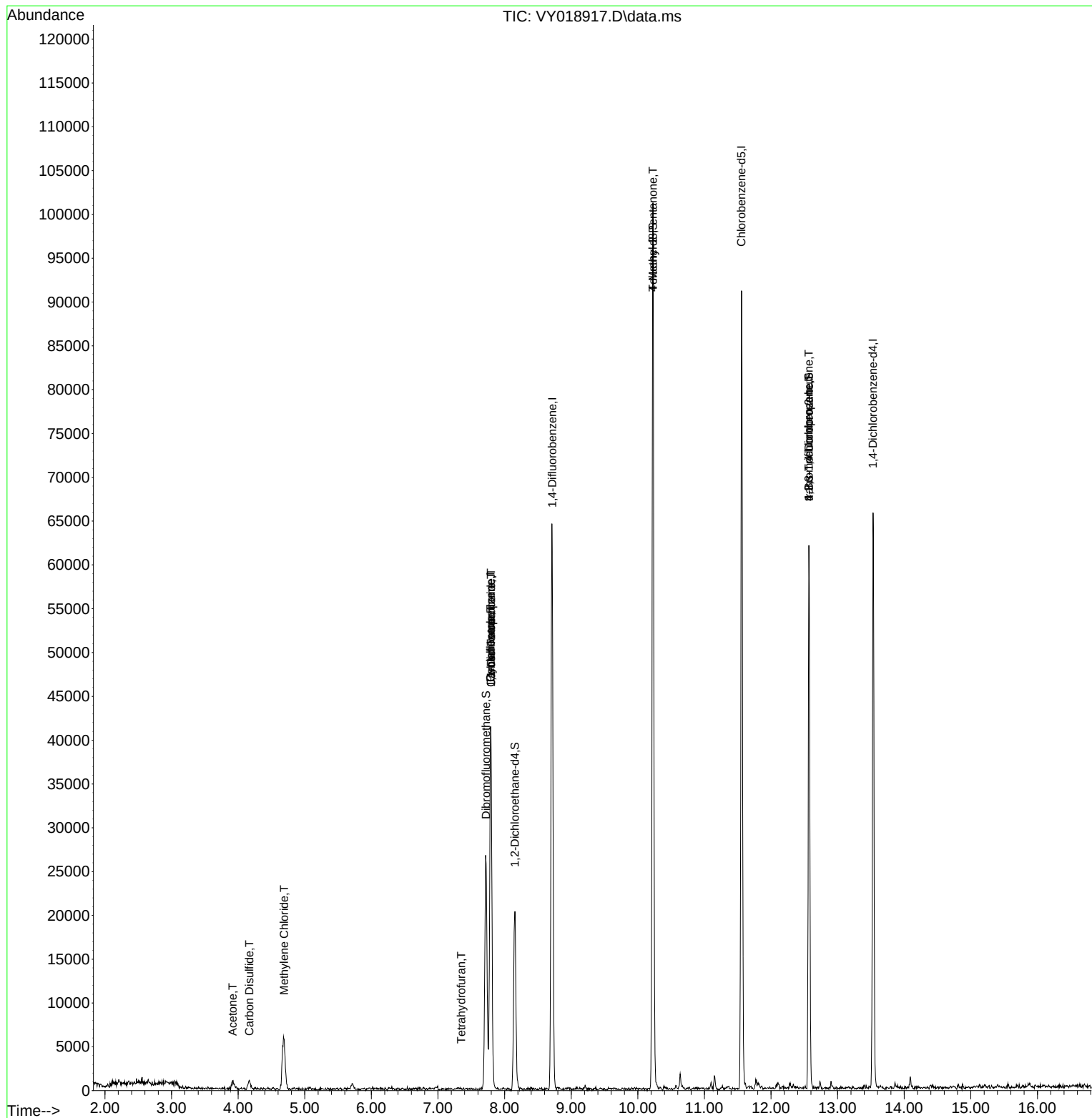
Internal Standards						
1) Pentafluorobenzene	7.789	168	34358	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	59308	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.557	117	51740	50.000	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	13.532	152	17495	50.000	ug/l	0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	17163	50.765	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.722	113	18385	49.494	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.980%	
50) Toluene-d8	10.227	98	65121	46.274	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.540%	
62) 4-Bromofluorobenzene	12.569	95	17678	36.783	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.918	43	1847	29.632	ug/l #	77
17) Carbon Disulfide	4.168	76	2064	2.221	ug/l #	87
20) Methylene Chloride	4.692	84	4686	9.227	ug/l #	89
29) Tetrahydrofuran	7.350	42	54	1.008	ug/l #	26
31) Cyclohexane	7.789	56	759	1.461	ug/l #	60
36) 1,1-Dichloropropene	7.795	75	2520	4.916	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3264	5.287	ug/l #	17
51) 4-Methyl-2-Pentanone	10.227	43	242	1.118	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	9669	70.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	9669	157.927	ug/l #	16

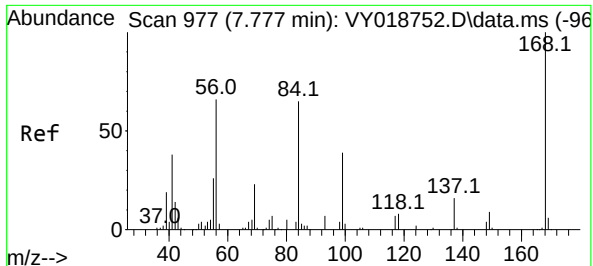
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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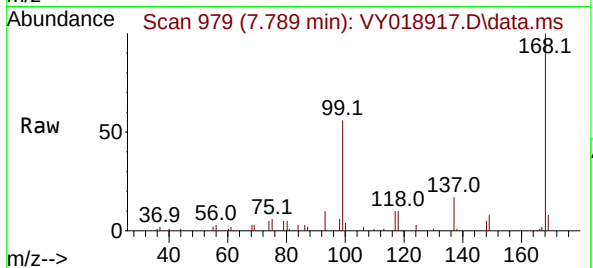
Quant Time: Jul 26 03:01:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
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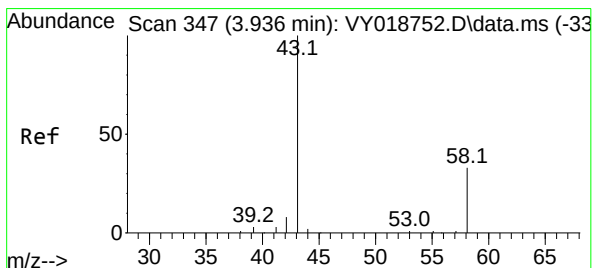
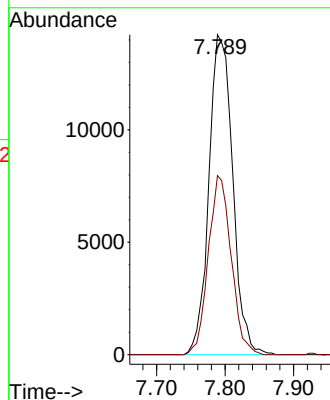
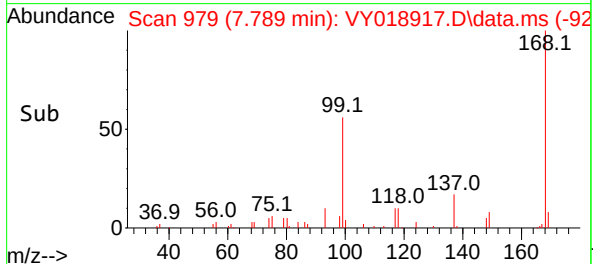


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

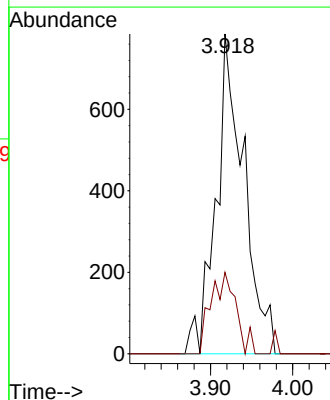
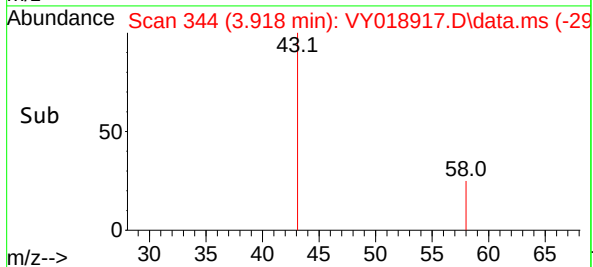
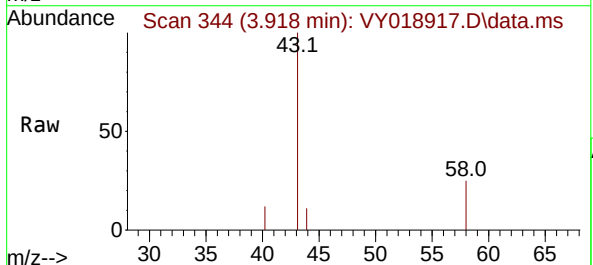


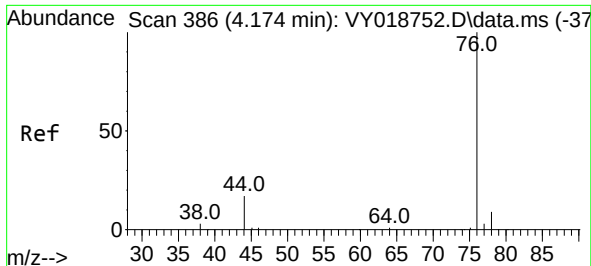
Tgt Ion:168 Resp: 34358
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#16
Acetone
Concen: 29.632 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.018 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

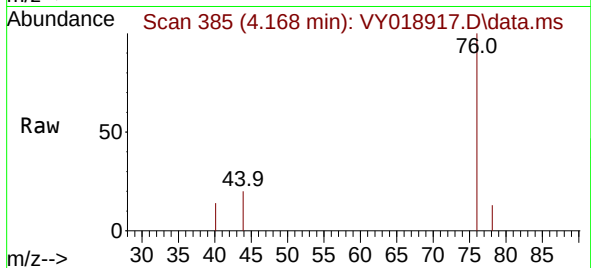
Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 25.5 31.7 47.5#



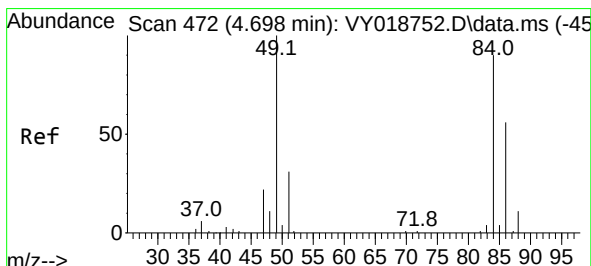
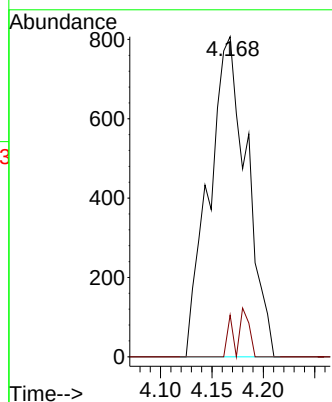
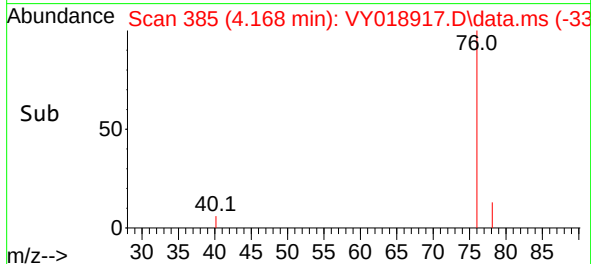


#17
Carbon Disulfide
Concen: 2.221 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

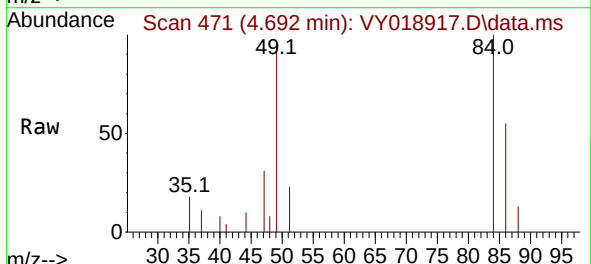
Instrument :
MSVOA_Y
ClientSampleId :



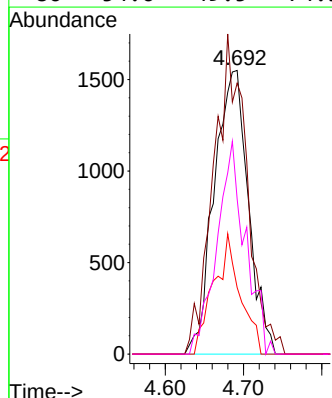
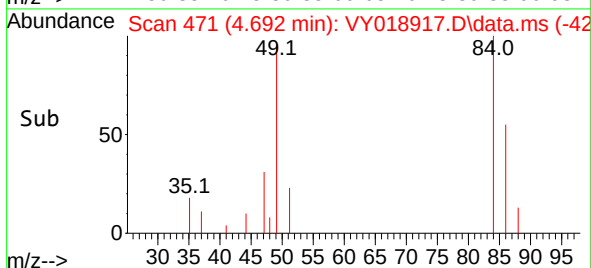
Tgt Ion: 76 Resp: 2064
Ion Ratio Lower Upper
76 100
78 13.0 6.8 10.2#

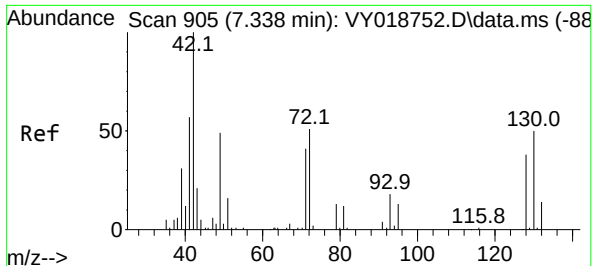


#20
Methylene Chloride
Concen: 9.227 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39



Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
49 95.5 84.4 126.6
51 23.4 26.0 39.0#
86 54.6 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY018917.D

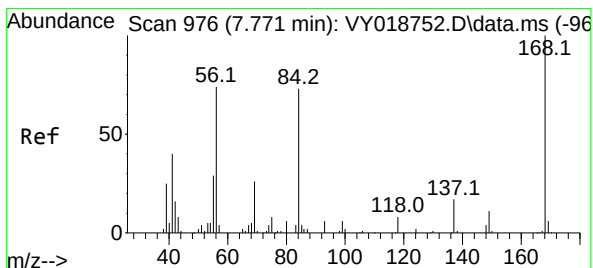
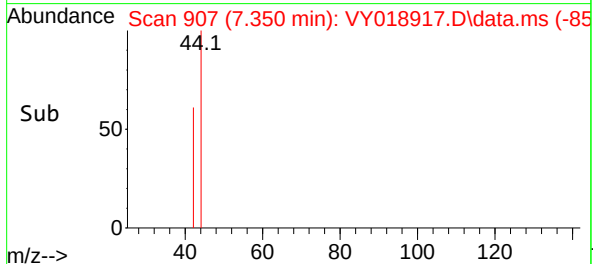
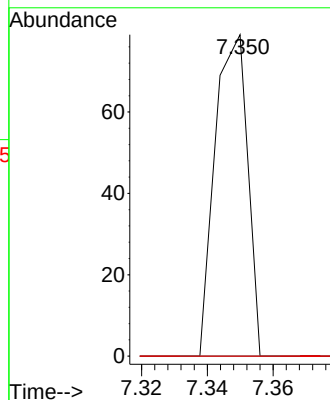
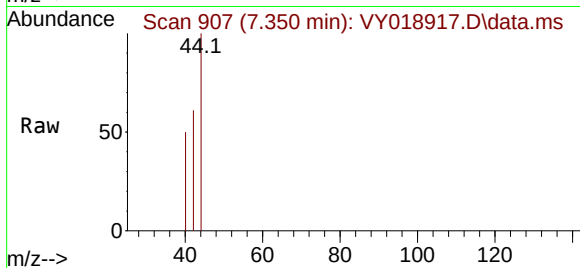
Acq: 25 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp:	54
Ion	Ratio	Lower Upper
42	100	
72	0.0	43.0 64.4#
71	0.0	40.8 61.2#



#31

Cyclohexane

Concen: 1.461 ug/l

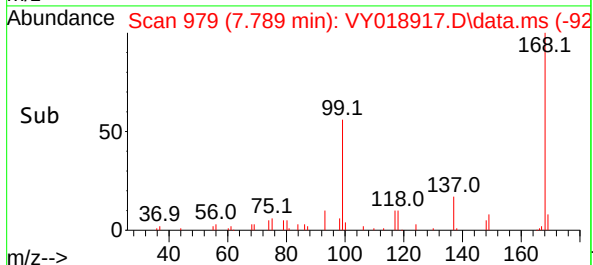
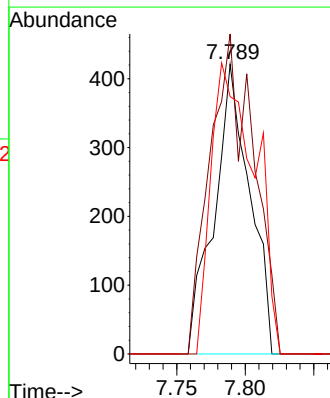
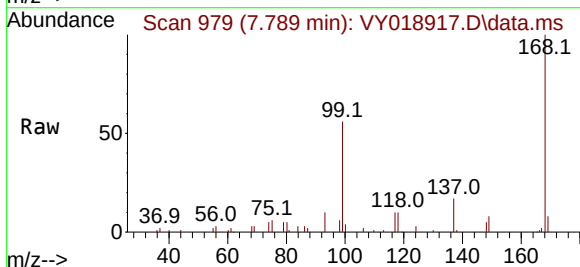
RT: 7.789 min Scan# 979

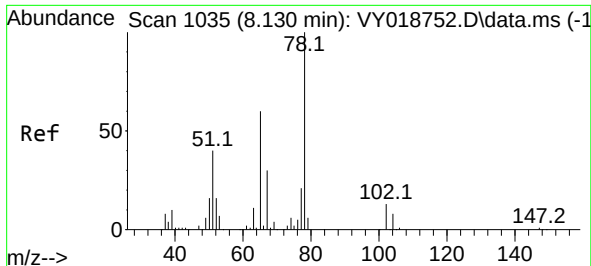
Delta R.T. 0.018 min

Lab File: VY018917.D

Acq: 25 Jul 2024 16:39

Tgt Ion: 56	Resp:	759
Ion	Ratio	Lower Upper
56	100	
69	110.5	28.7 43.1#
84	88.8	77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 50.765 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY018917.D

Acq: 25 Jul 2024 16:39

Instrument :

MSVOA_Y

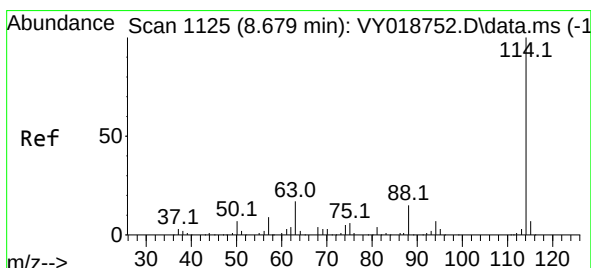
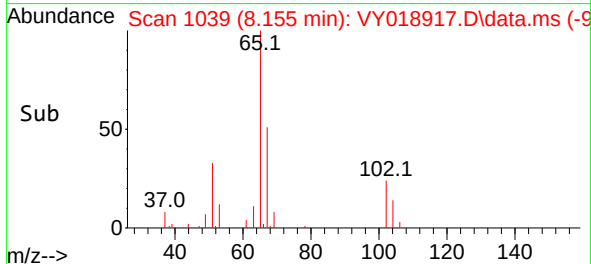
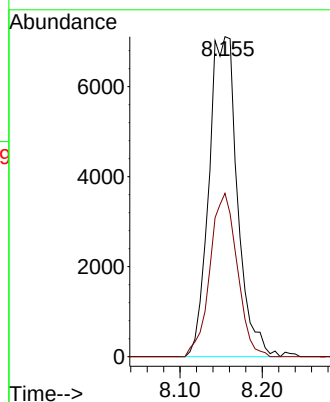
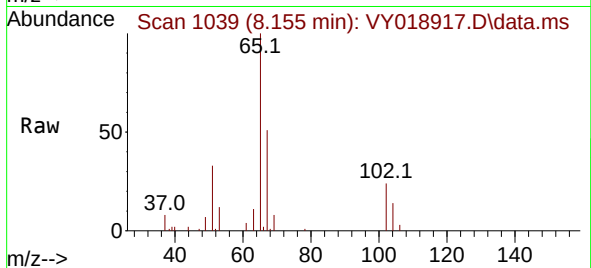
ClientSampleId :

Tgt Ion: 65 Resp: 17163

Ion Ratio Lower Upper

65 100

67 48.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018917.D

Acq: 25 Jul 2024 16:39

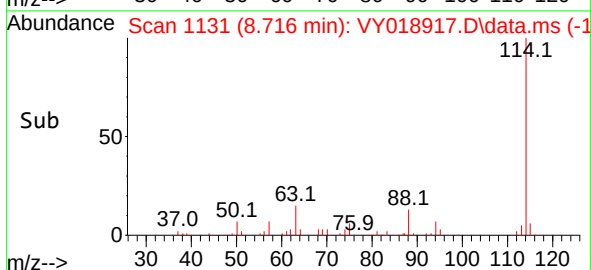
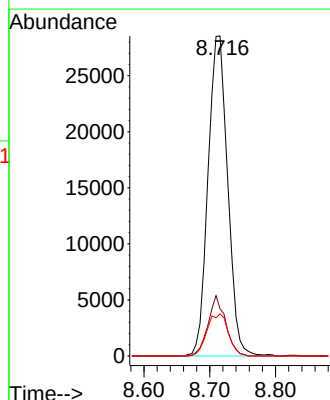
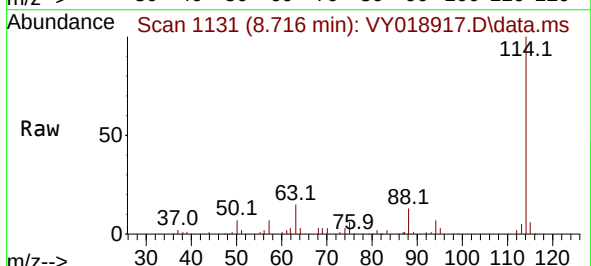
Tgt Ion: 114 Resp: 59308

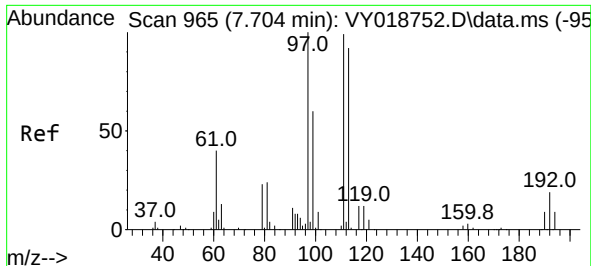
Ion Ratio Lower Upper

114 100

63 14.8 0.0 35.0

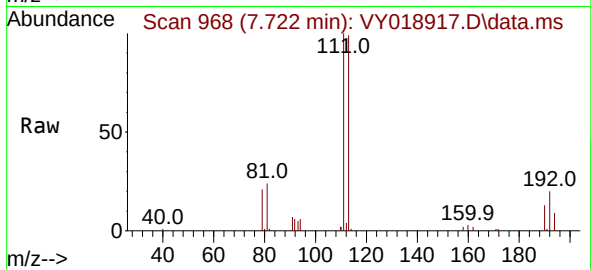
88 13.2 0.0 27.2



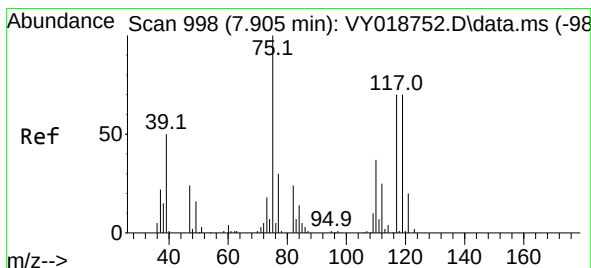
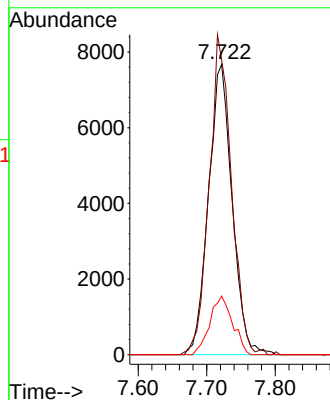
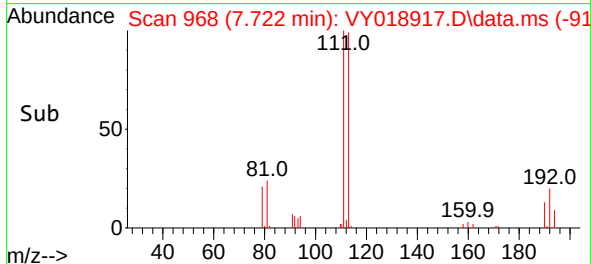


#35
Dibromofluoromethane
Concen: 49.494 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

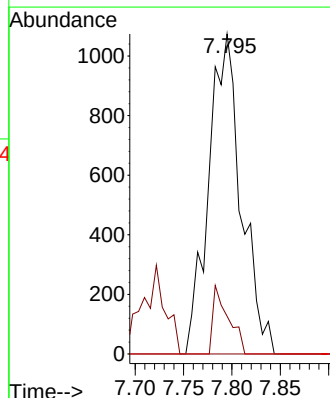
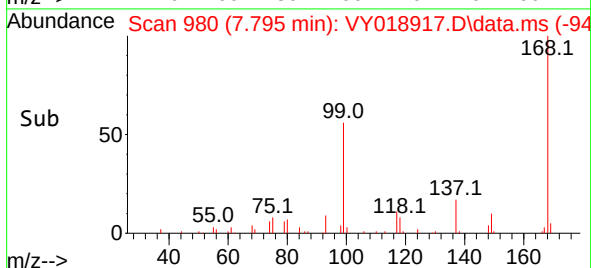
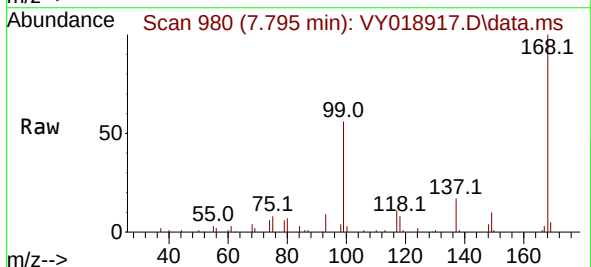


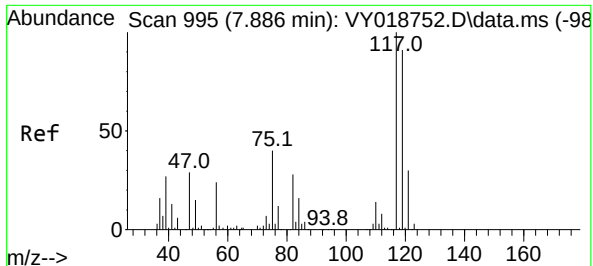
Tgt Ion:113 Resp: 18385
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

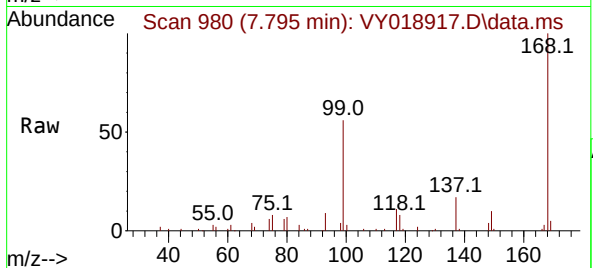
Tgt Ion: 75 Resp: 2520
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



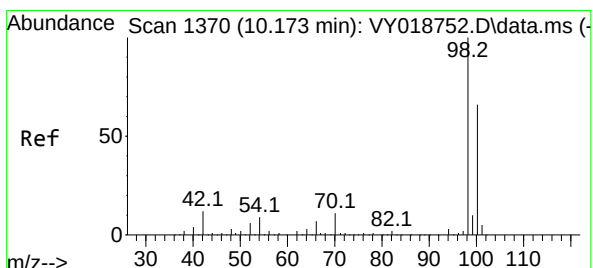
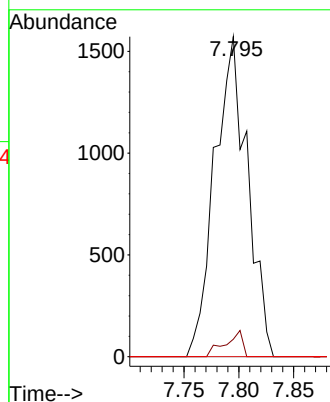
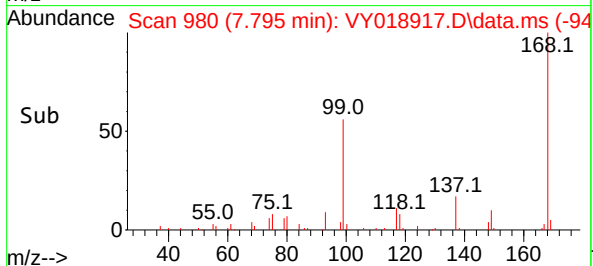


#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

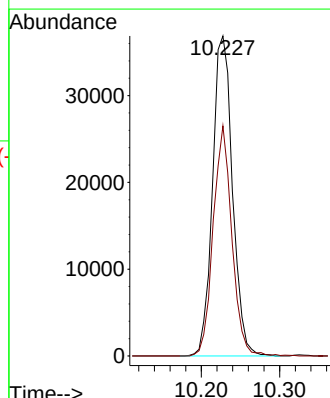
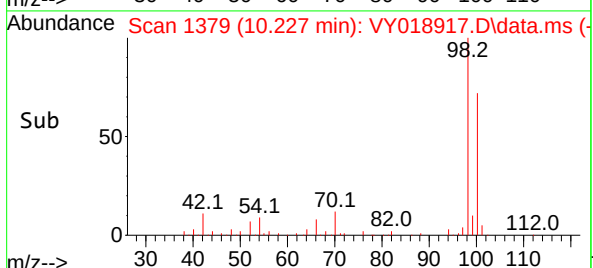
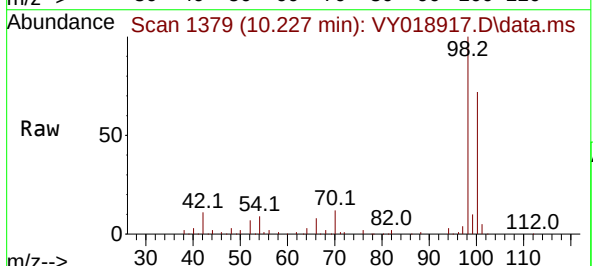


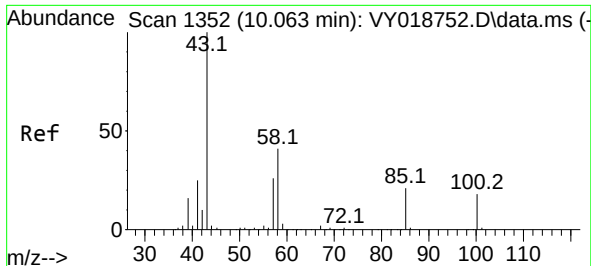
Tgt Ion:117 Resp: 3264
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.274 ug/l
RT: 10.227 min Scan# 1379
Delta R.T. 0.055 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Tgt Ion: 98 Resp: 65121
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

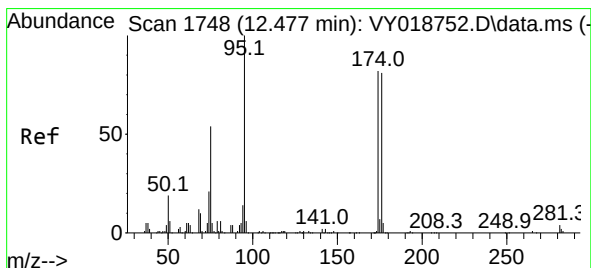
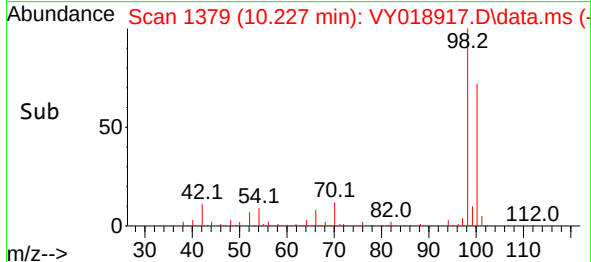
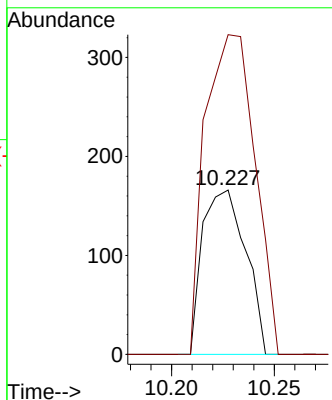
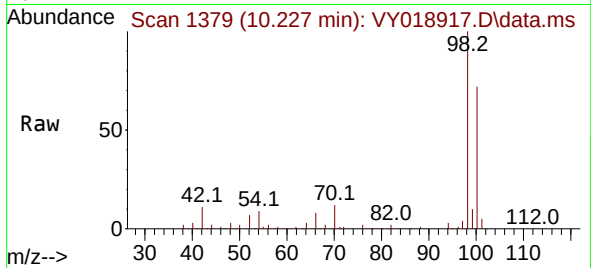




#51
4-Methyl-2-Pentanone
Concen: 1.118 ug/l
RT: 10.227 min Scan# 11
Delta R.T. 0.164 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

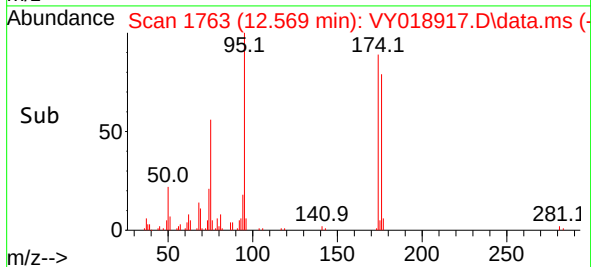
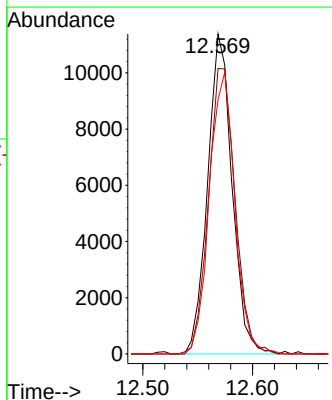
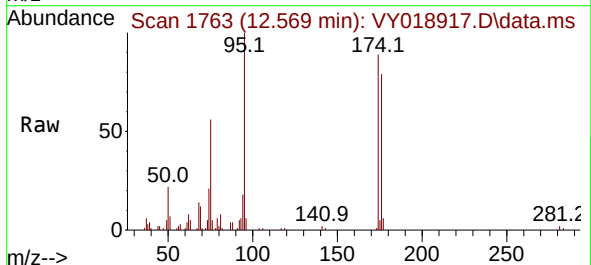
Instrument :
MSVOA_Y
ClientSampleId :

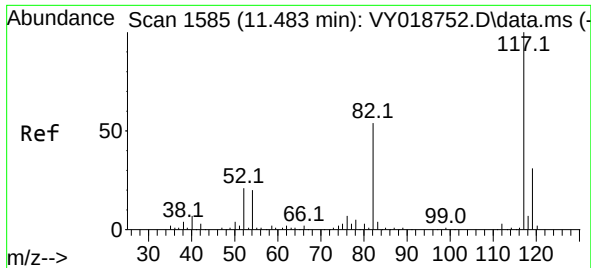
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 224.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 36.783 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.091 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

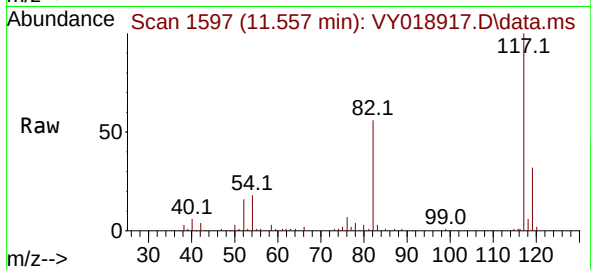
Tgt Ion: 95 Resp: 17678
Ion Ratio Lower Upper
95 100
174 97.1 0.0 175.6
176 91.5 0.0 171.4



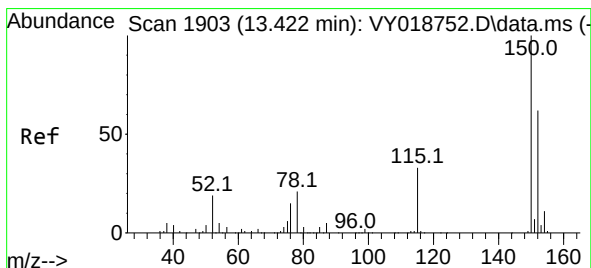
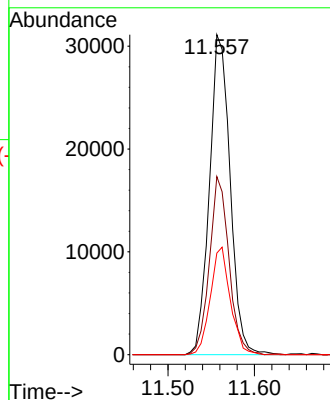
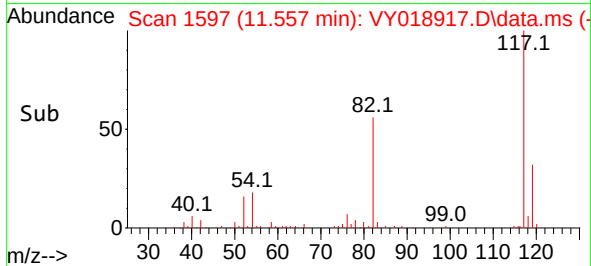


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.557 min Scan# 11
Delta R.T. 0.073 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

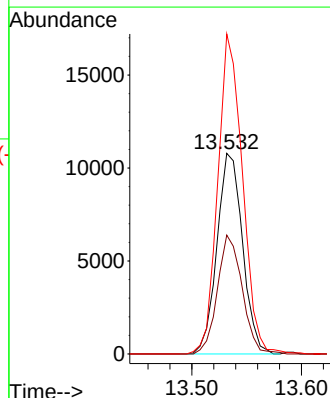
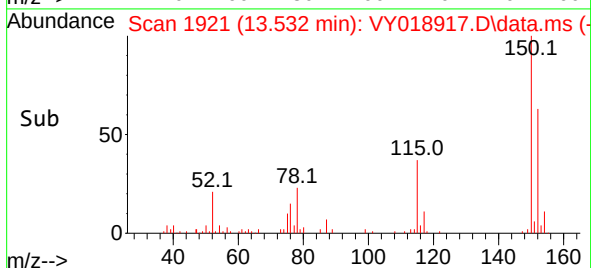
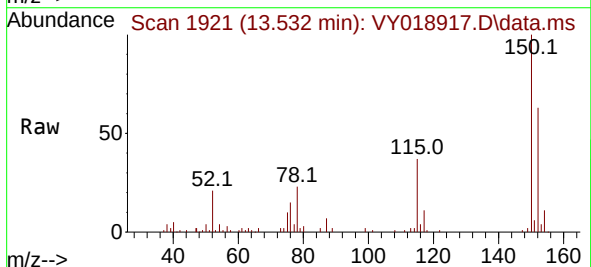


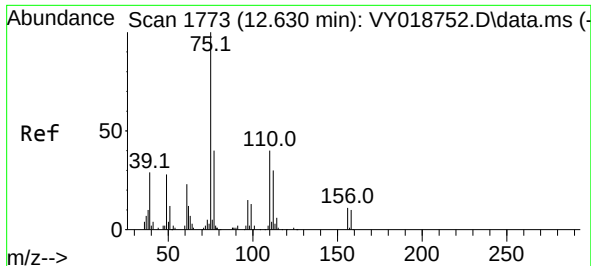
Tgt Ion:117 Resp: 51740
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.532 min Scan# 1921
Delta R.T. 0.110 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Tgt Ion:152 Resp: 17495
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 154.0 0.0 345.6

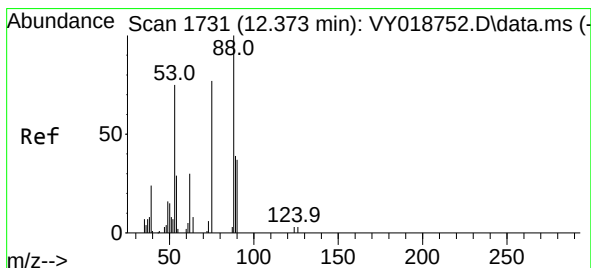
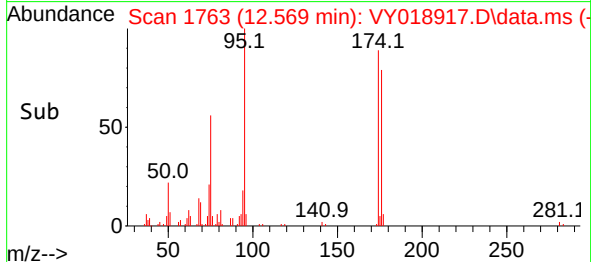
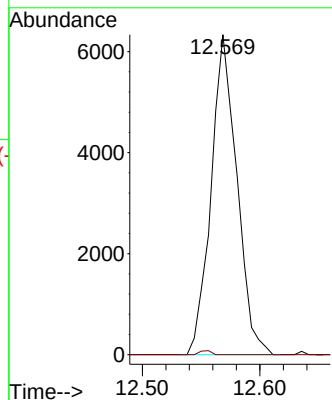
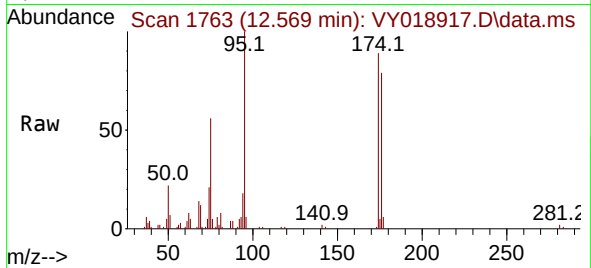




#76
1,2,3-Trichloropropane
Concen: 70.564 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.062 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.927 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.195 min
Lab File: VY018917.D
Acq: 25 Jul 2024 16:39

Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

