

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018918.D
 Acq On : 25 Jul 2024 17:28
 Operator : SY/MD
 Sample : P3339-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 03:01:42 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)

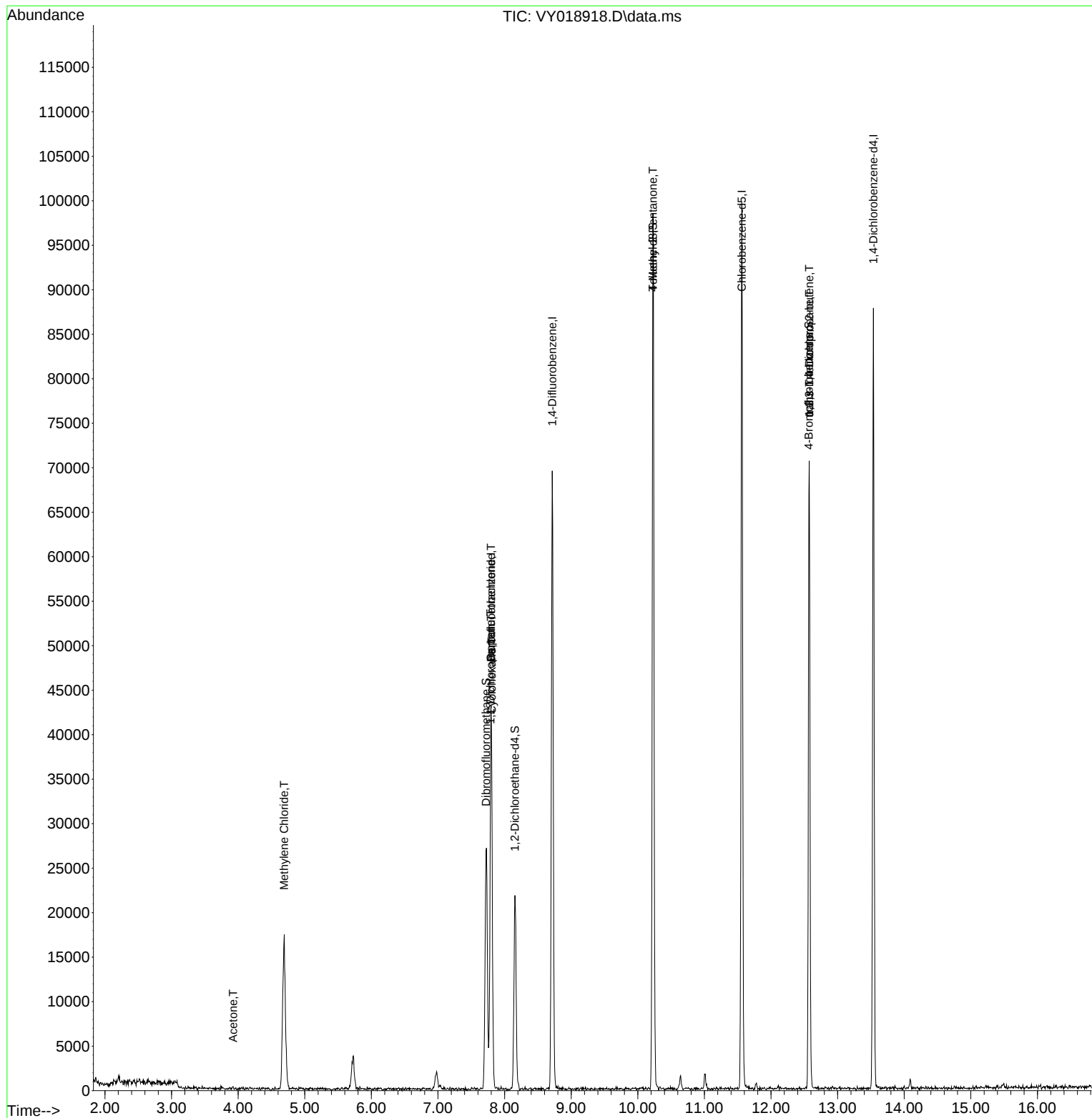
Internal Standards						
1) Pentafluorobenzene	7.795	168	35033	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	60391	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	56172	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	22518	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	17137	49.711	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.420%		
35) Dibromofluoromethane	7.722	113	19788	52.316	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.640%		
50) Toluene-d8	10.228	98	68041	47.481	ug/l	0.05
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.569	95	22000	44.955	ug/l	0.09
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.920%		
Target Compounds						Qvalue
16) Acetone	3.924	43	174	2.738	ug/l #	36
20) Methylene Chloride	4.692	84	12661	33.542	ug/l	94
31) Cyclohexane	7.807	56	751	1.418	ug/l #	61
36) 1,1-Dichloropropene	7.789	75	2714	5.199	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3374	5.367	ug/l #	22
51) 4-Methyl-2-Pentanone	10.228	43	289	1.311	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	11793	66.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11793	149.652	ug/l #	16

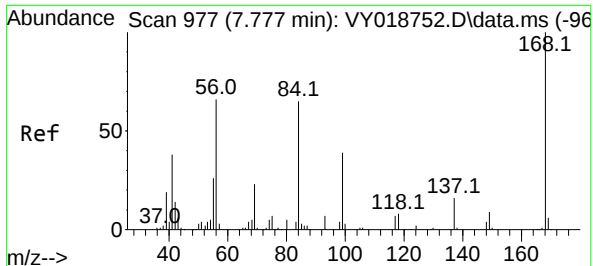
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 26 03:01:42 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

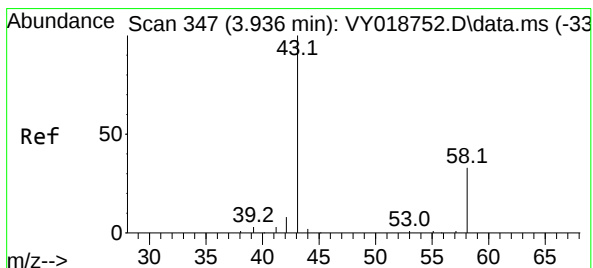
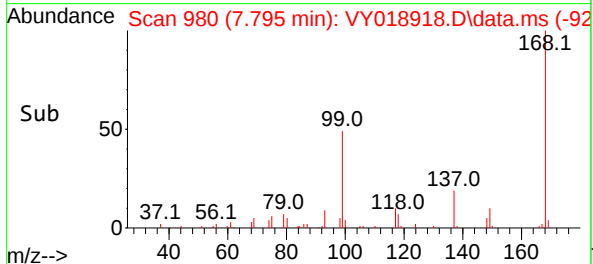
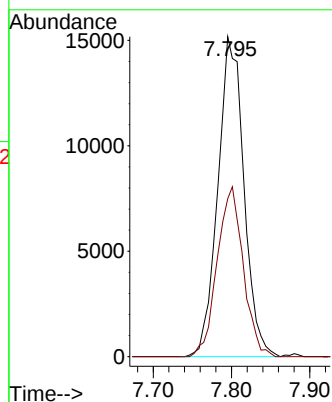
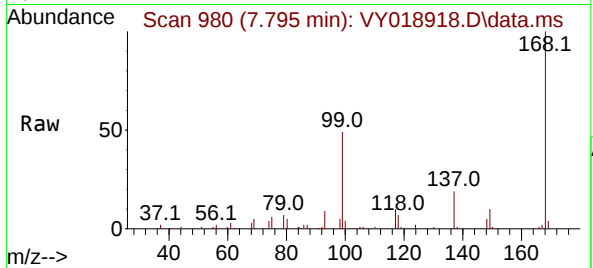




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

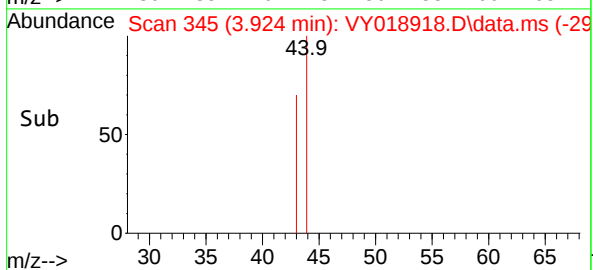
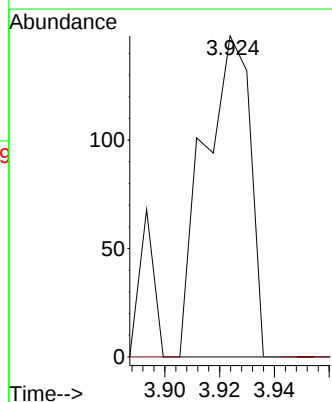
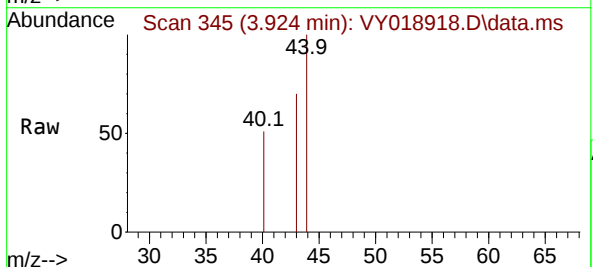
Instrument :
MSVOA_Y
ClientSampleId :

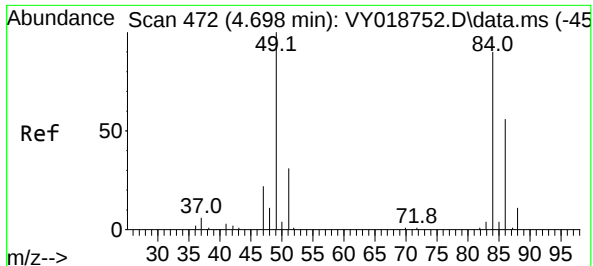
Tgt Ion:168 Resp: 35033
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#16
Acetone
Concen: 2.738 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

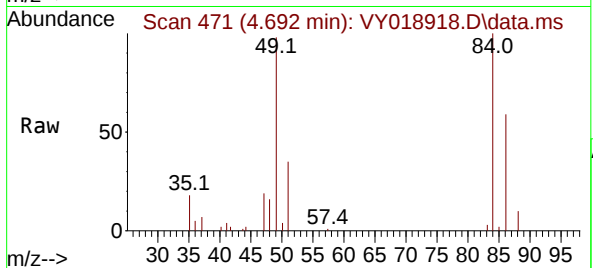
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





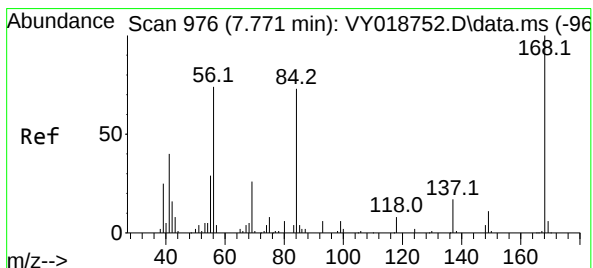
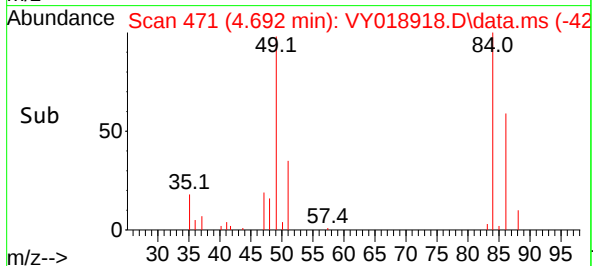
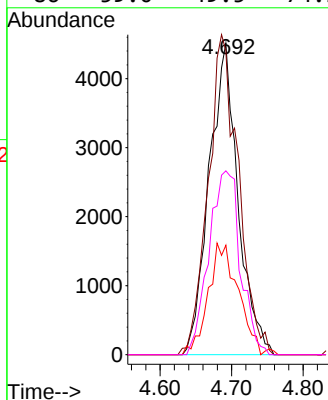
#20
Methylene Chloride
Concen: 33.542 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12661

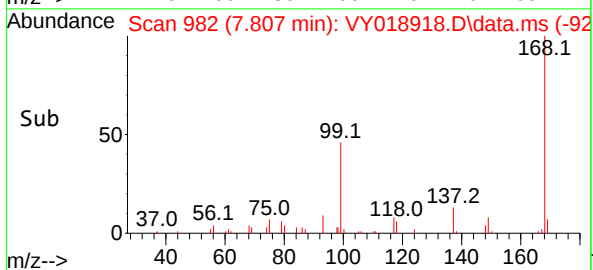
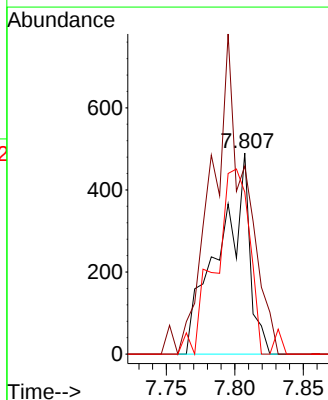
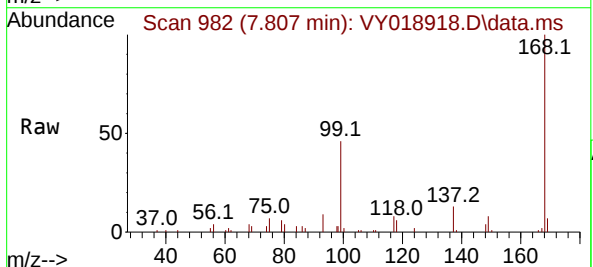
Ion	Ratio	Lower	Upper
84	100		
49	97.6	84.4	126.6
51	35.2	26.0	39.0
86	59.0	49.5	74.3

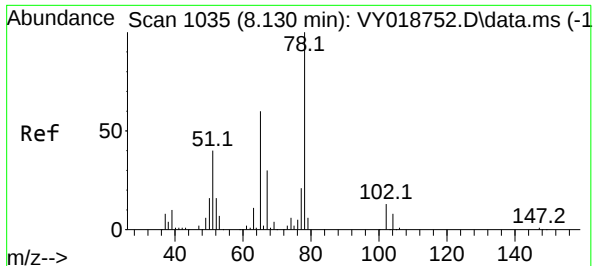


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.037 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion: 56 Resp: 751

Ion	Ratio	Lower	Upper
56	100		
69	93.5	28.7	43.1#
84	80.6	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 49.711 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

Instrument :

MSVOA_Y

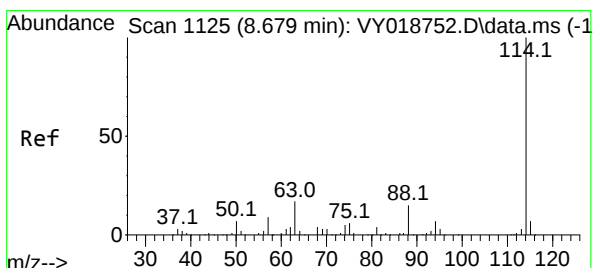
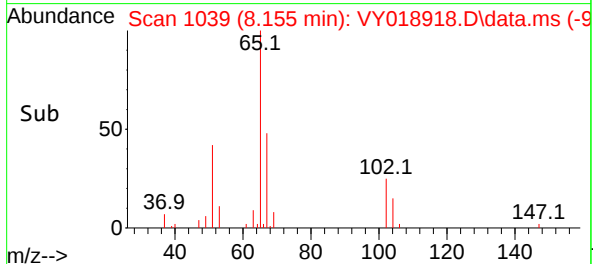
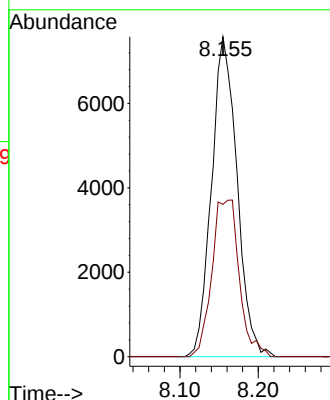
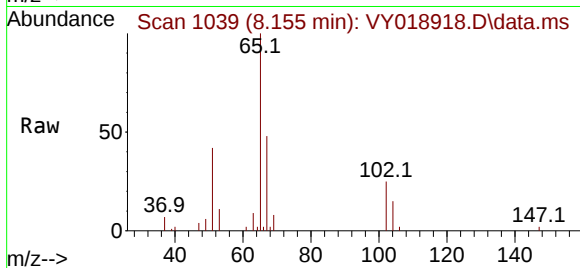
ClientSampleId :

Tgt Ion: 65 Resp: 17137

Ion Ratio Lower Upper

65 100

67 52.6 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: VY018918.D

Acq: 25 Jul 2024 17:28

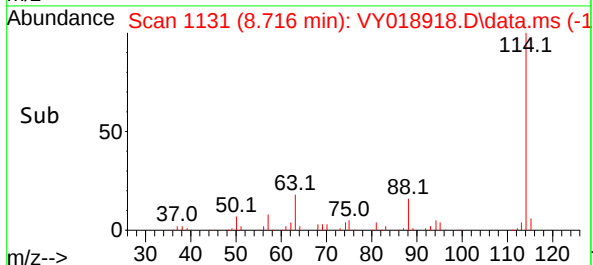
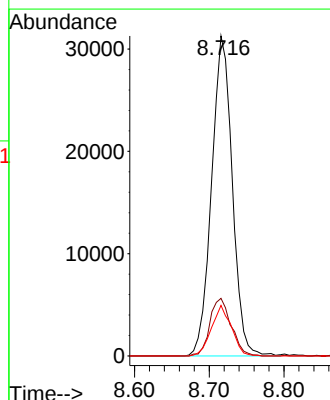
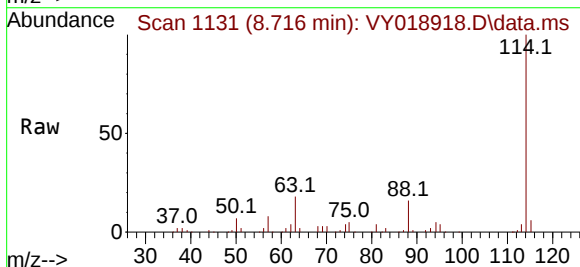
Tgt Ion: 114 Resp: 60391

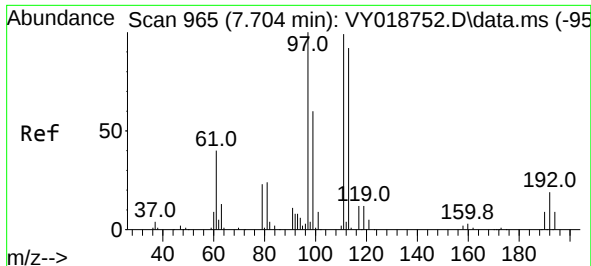
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.316 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.018 min

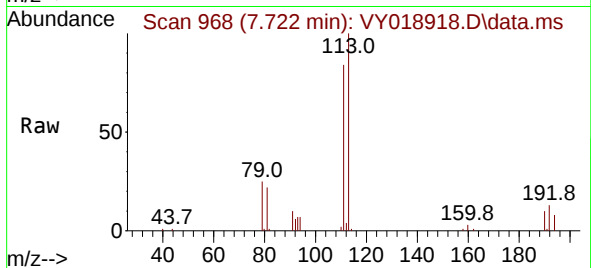
Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :



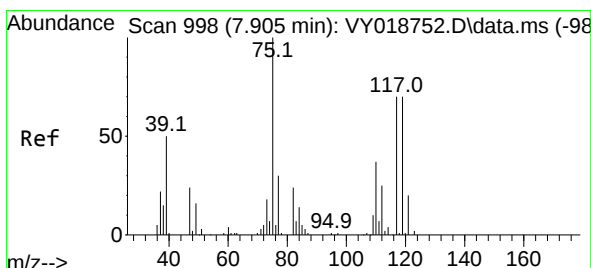
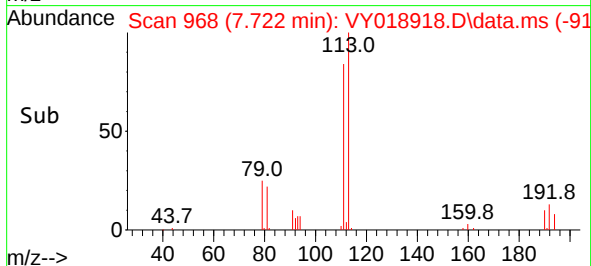
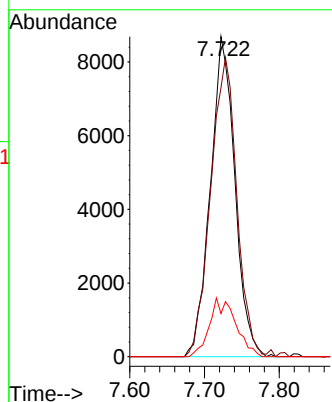
Tgt Ion:113 Resp: 19788

Ion Ratio Lower Upper

113 100

111 99.6 82.2 123.4

192 19.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.199 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY018918.D

Acq: 25 Jul 2024 17:28

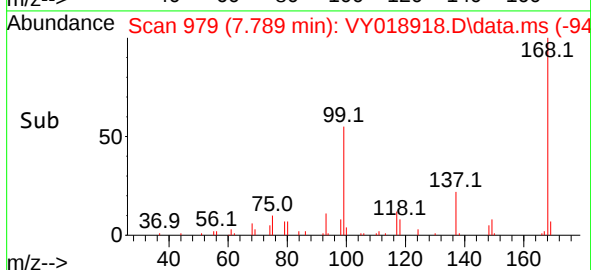
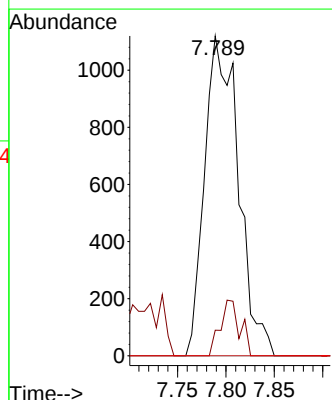
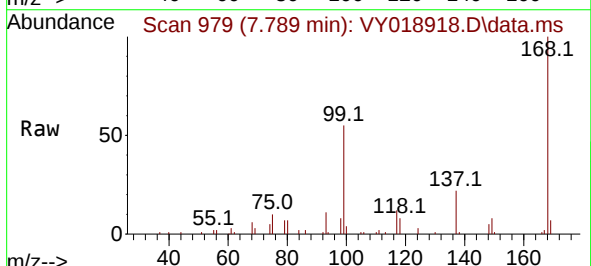
Tgt Ion: 75 Resp: 2714

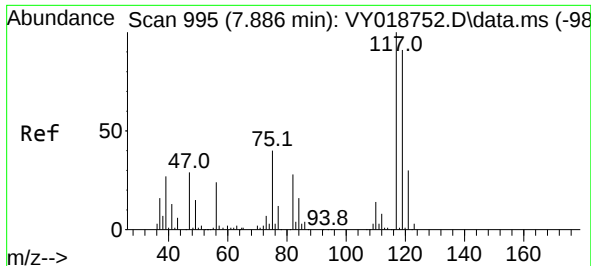
Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

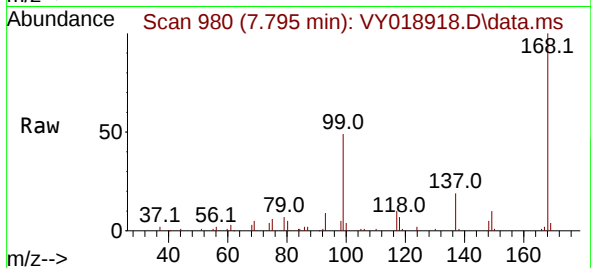
77 0.0 25.3 37.9#



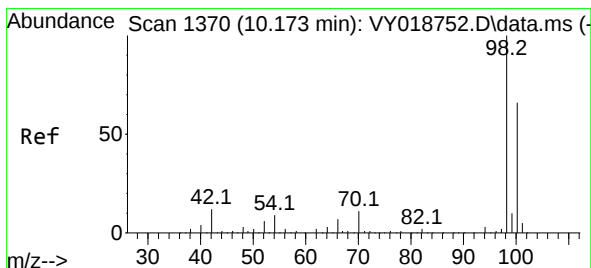
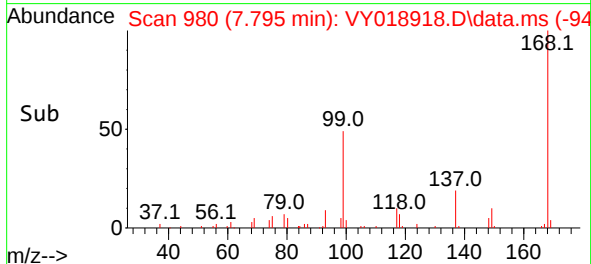
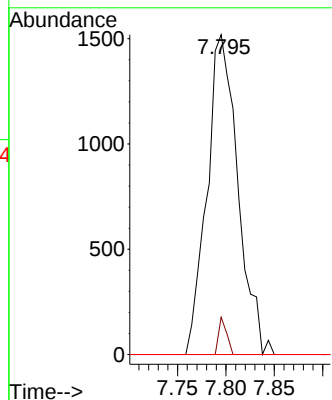


#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :

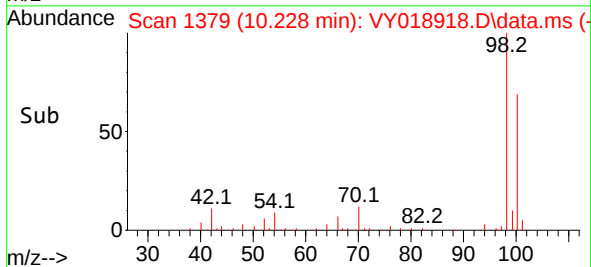
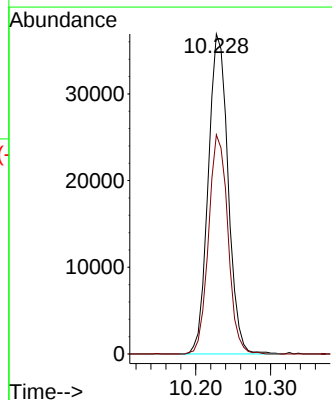
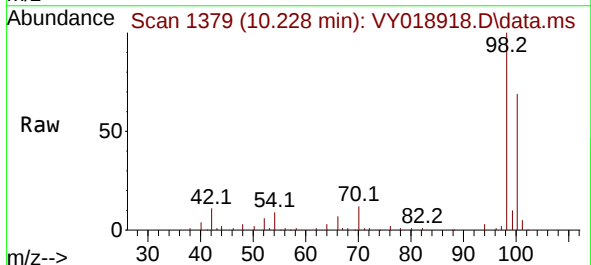


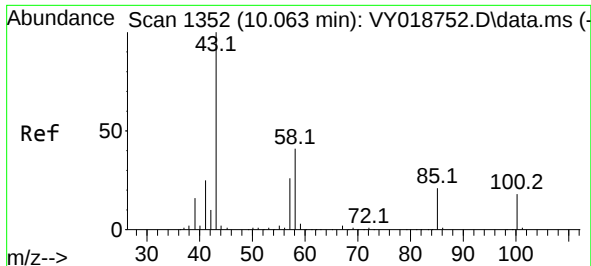
Tgt Ion:117 Resp: 3374
Ion Ratio Lower Upper
117 100
119 11.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.481 ug/l
RT: 10.228 min Scan# 1379
Delta R.T. 0.055 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion: 98 Resp: 68041
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

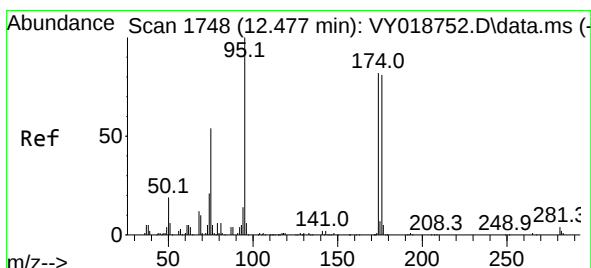
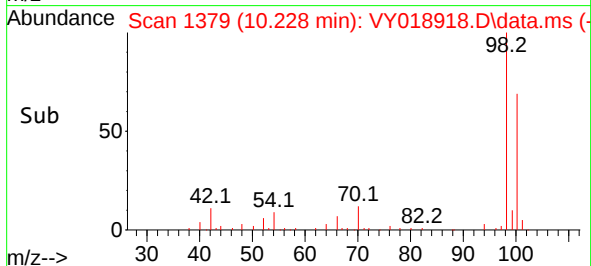
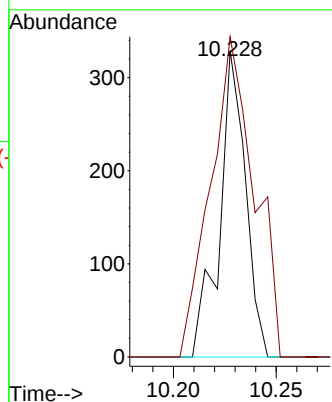
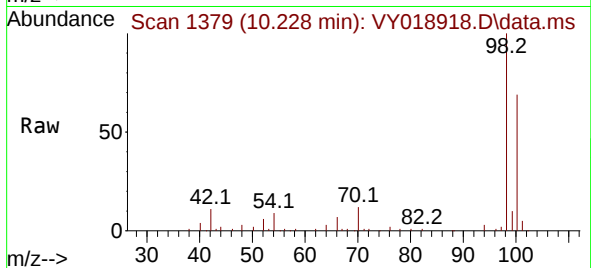




#51
4-Methyl-2-Pentanone
Concen: 1.311 ug/l
RT: 10.228 min Scan# 11
Delta R.T. 0.165 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

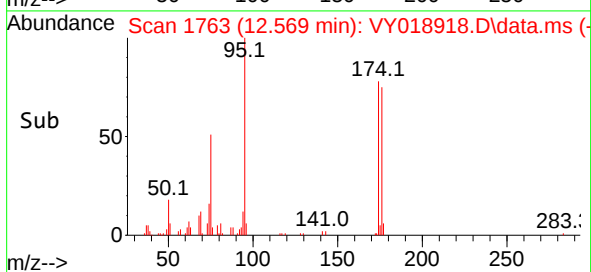
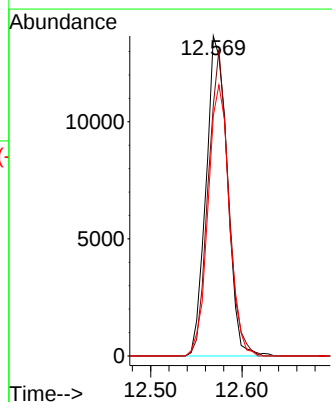
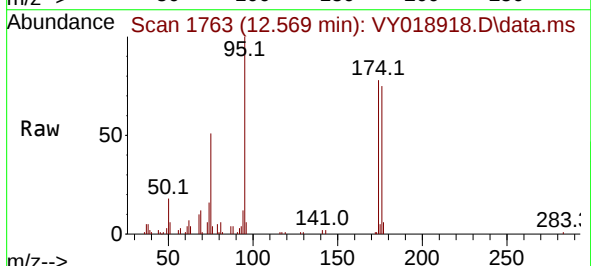
Instrument :
MSVOA_Y
ClientSampleId :

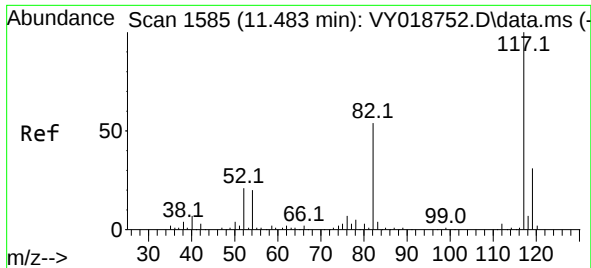
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
58 175.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 44.955 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.091 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion: 95 Resp: 22000
Ion Ratio Lower Upper
95 100
174 91.2 0.0 175.6
176 84.8 0.0 171.4

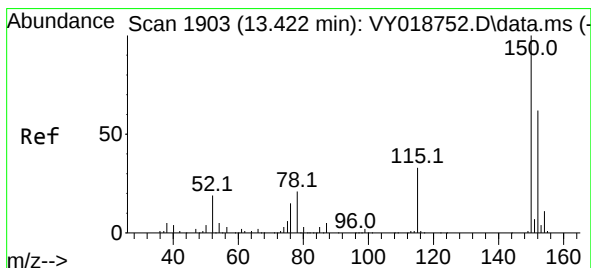
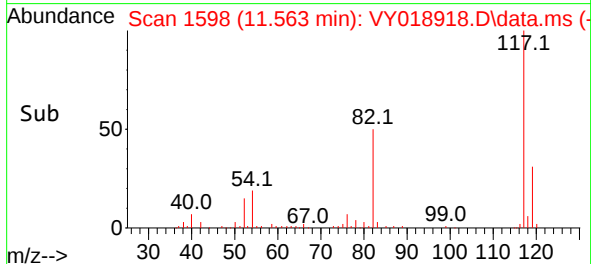
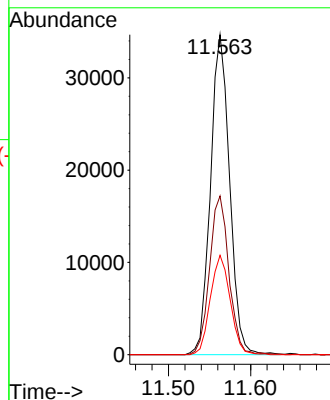
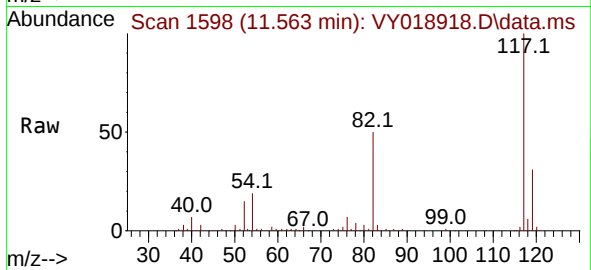




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 11
Delta R.T. 0.079 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

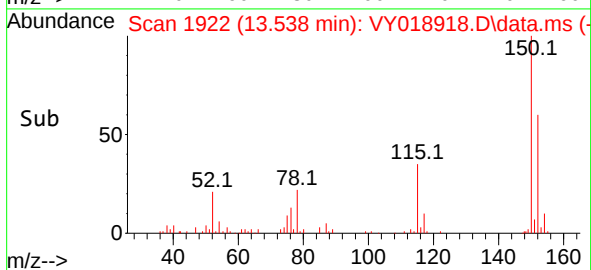
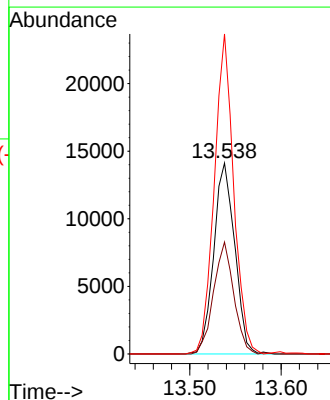
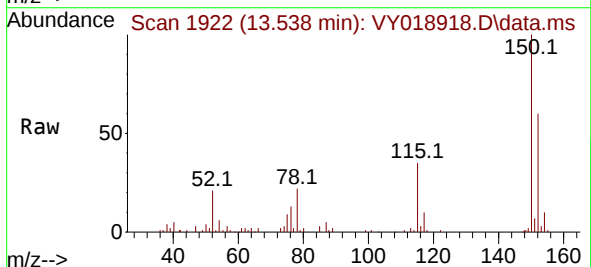
Instrument :
MSVOA_Y
ClientSampleId :

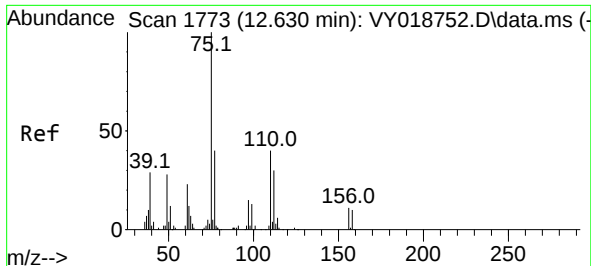
Tgt Ion:117 Resp: 56172
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.538 min Scan# 1922
Delta R.T. 0.116 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion:152 Resp: 22518
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.0 0.0 345.6

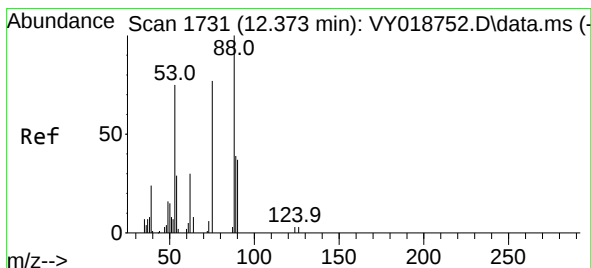
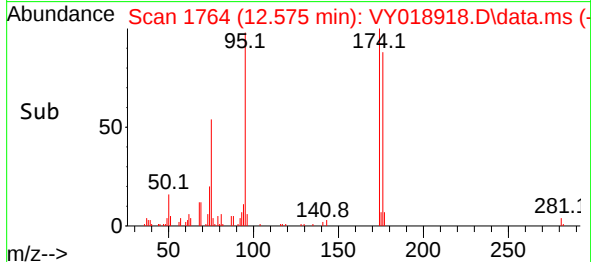
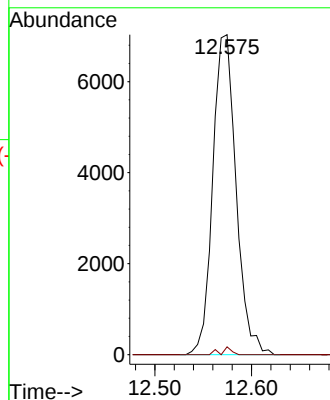
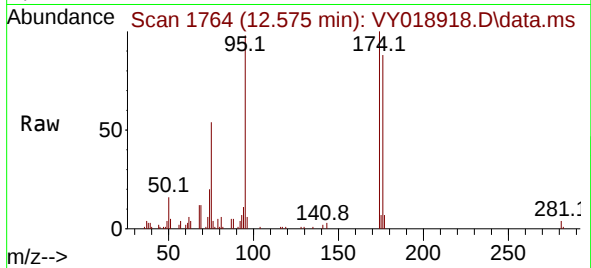




#76
1,2,3-Trichloropropane
Concen: 66.867 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.055 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11793
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.652 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.201 min
Lab File: VY018918.D
Acq: 25 Jul 2024 17:28

Tgt Ion: 75 Resp: 11793
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

