

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018789.D
 Acq On : 12 Jul 2024 11:48
 Operator : SY/MD
 Sample : P3193-05
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:35:38 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)

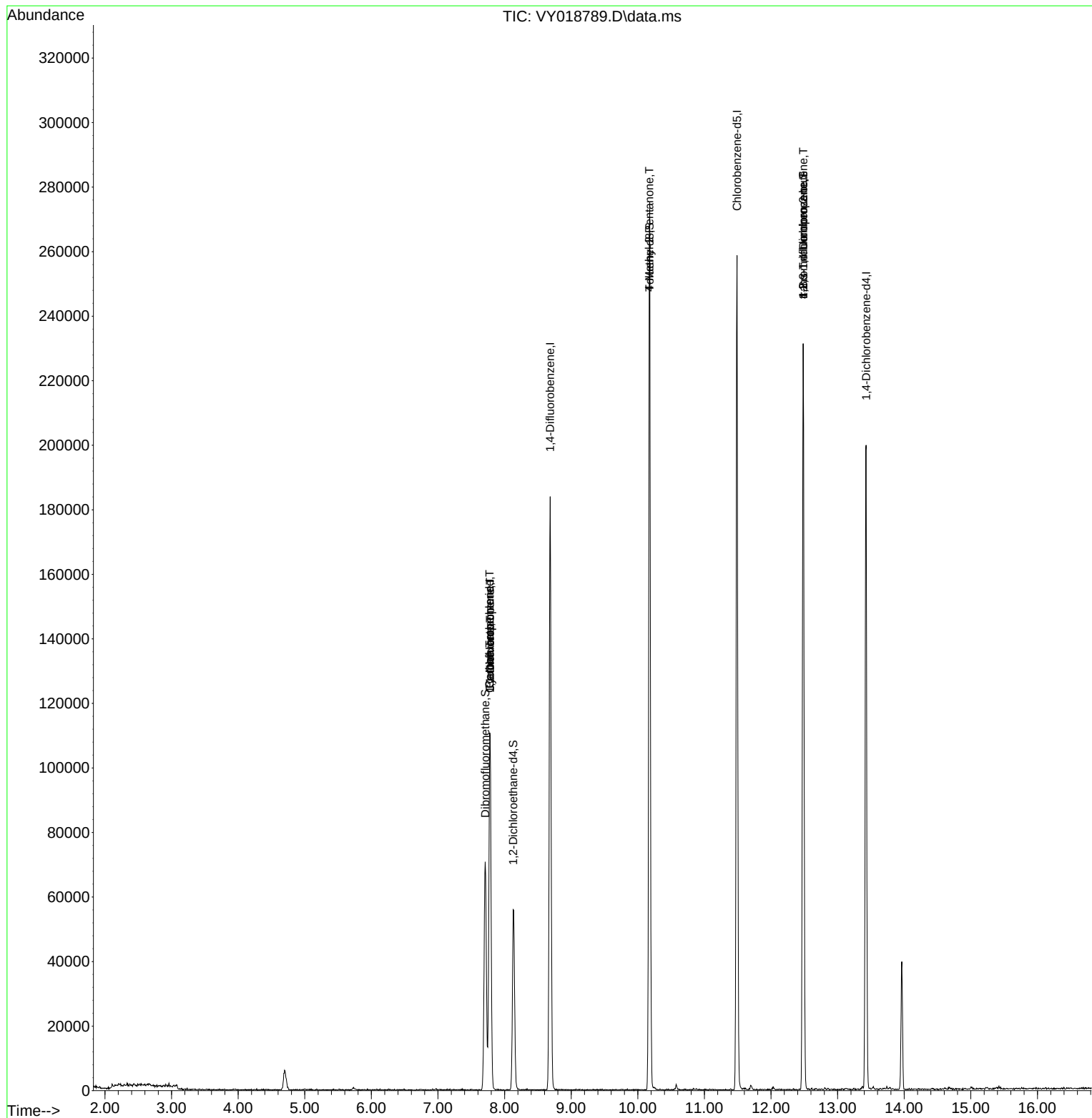
Internal Standards						
1) Pentafluorobenzene	7.777	168	87956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44569	51.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.980%			
35) Dibromofluoromethane	7.710	113	49188	49.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.100%			
50) Toluene-d8	10.179	98	177859	46.810	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.620%			
62) 4-Bromofluorobenzene	12.483	95	54966	42.361	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.720%			
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	4454	Below Cal		95
31) Cyclohexane	7.783	56	1902	1.430 ug/l #		42
36) 1,1-Dichloropropene	7.783	75	6276	4.535 ug/l #		51
38) Carbon Tetrachloride	7.777	117	8686	5.211 ug/l #		15
51) 4-Methyl-2-Pentanone	10.173	43	738	1.263 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	30050	73.433 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	30050	164.347 ug/l #		16

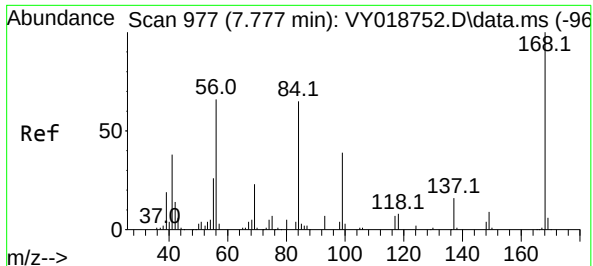
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

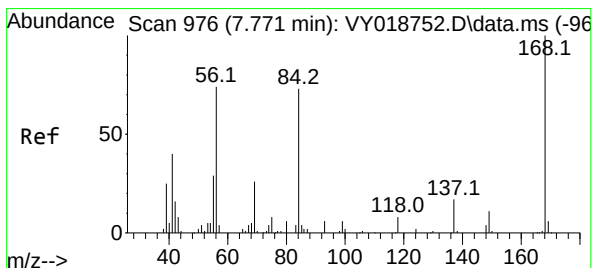
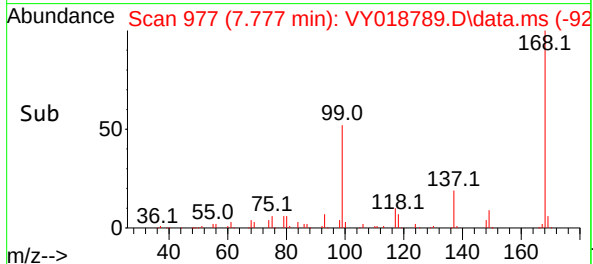
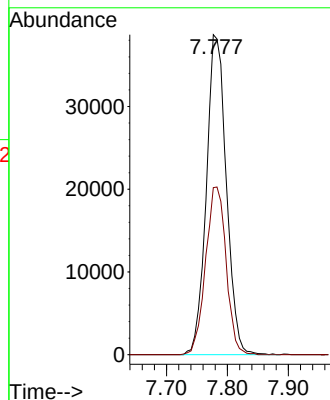
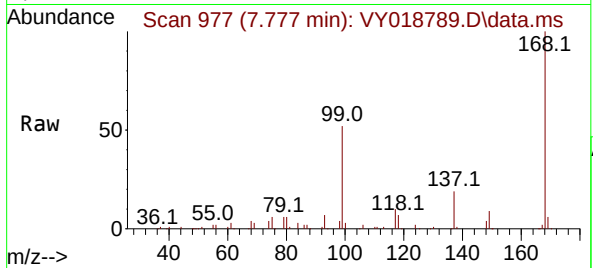




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

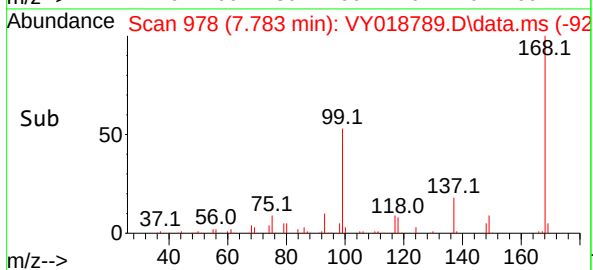
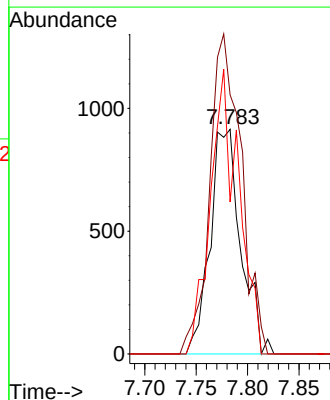
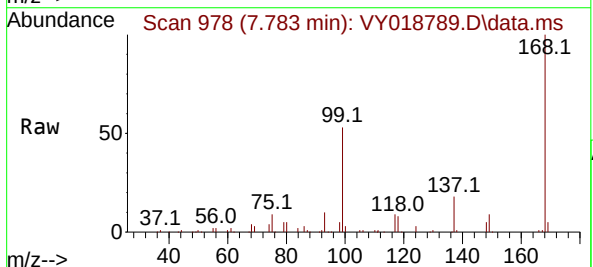
Instrument :
MSVOA_Y
ClientSampleId :

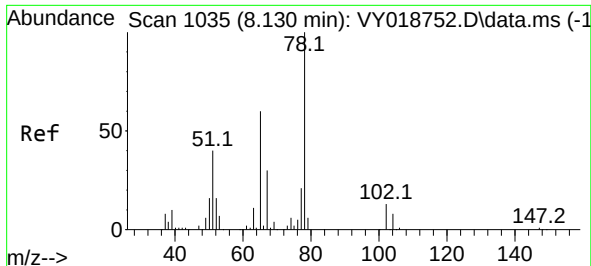
Tgt Ion:168 Resp: 87956
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Tgt Ion: 56 Resp: 1902
Ion Ratio Lower Upper
56 100
69 115.3 28.7 43.1#
84 67.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.495 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

Instrument :

MSVOA_Y

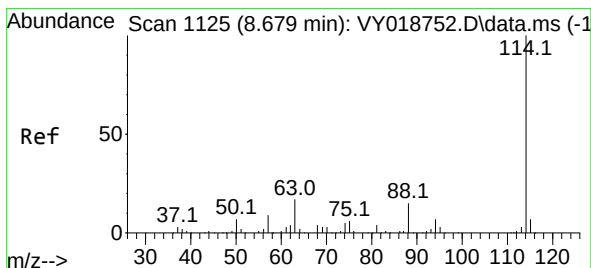
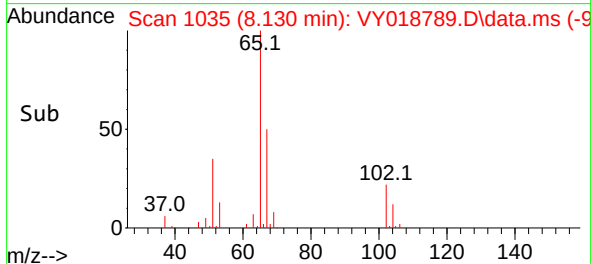
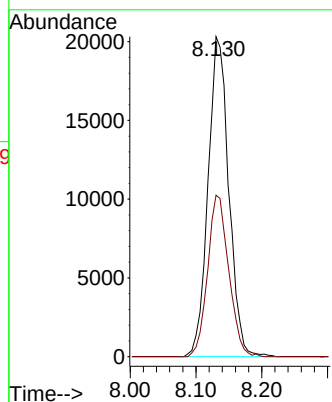
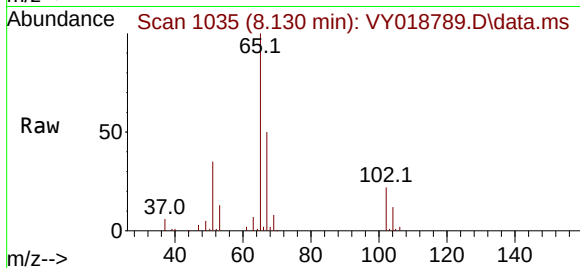
ClientSampleId :

Tgt Ion: 65 Resp: 44569

Ion Ratio Lower Upper

65 100

67 51.3 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: VY018789.D

Acq: 12 Jul 2024 11:48

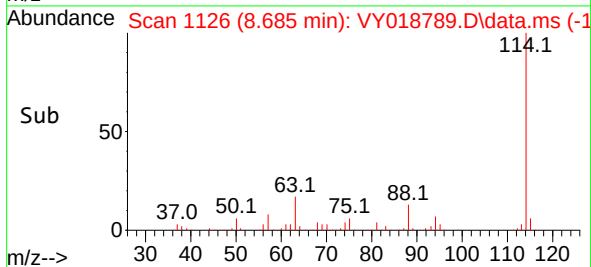
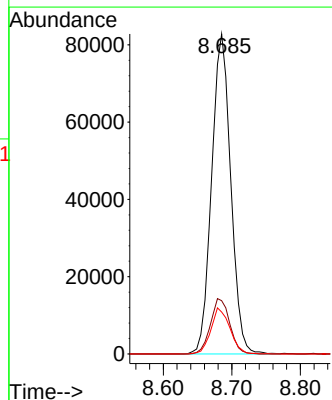
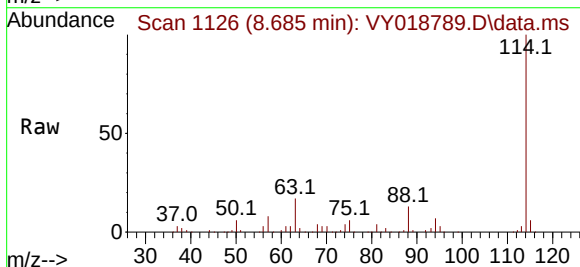
Tgt Ion: 114 Resp: 160125

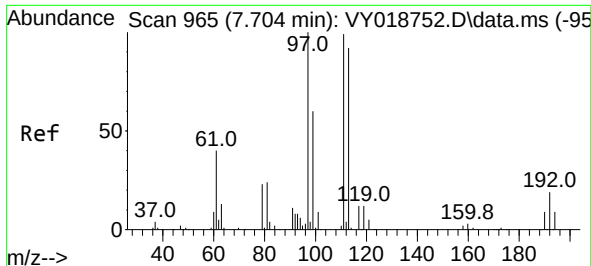
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

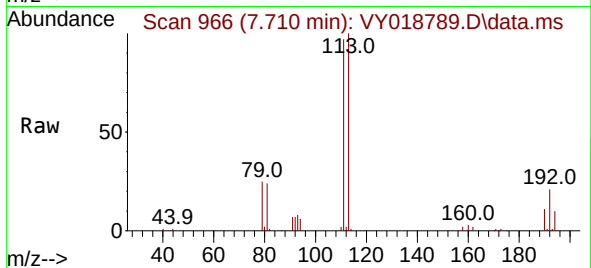
88 13.1 0.0 27.2



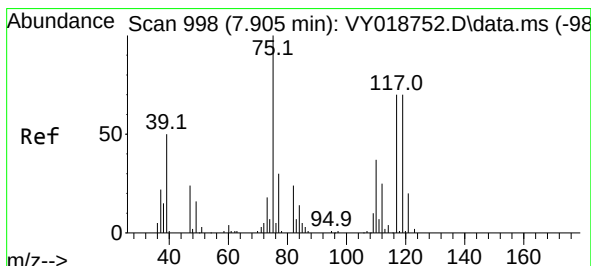
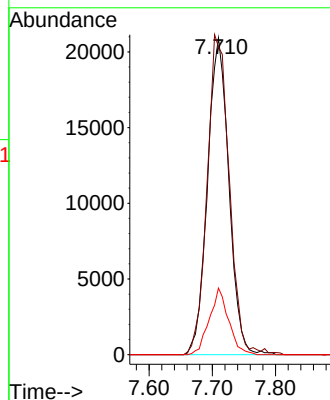
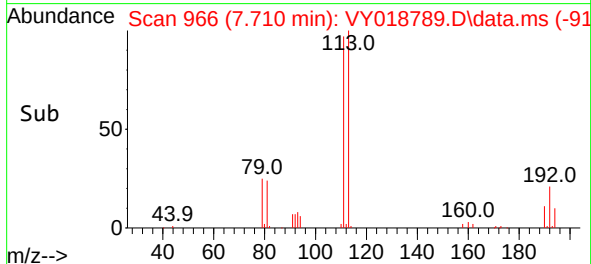


#35
Dibromofluoromethane
Concen: 49.046 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Instrument :
MSVOA_Y
ClientSampleId :

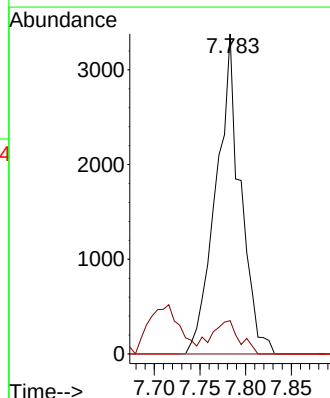
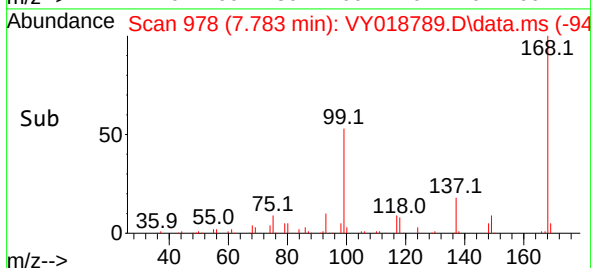
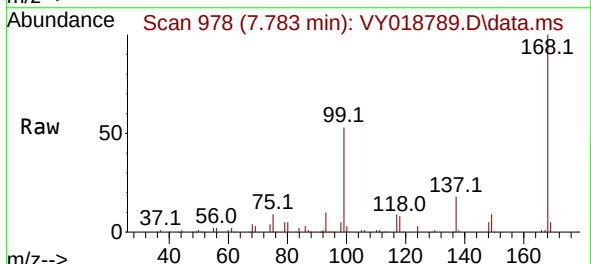


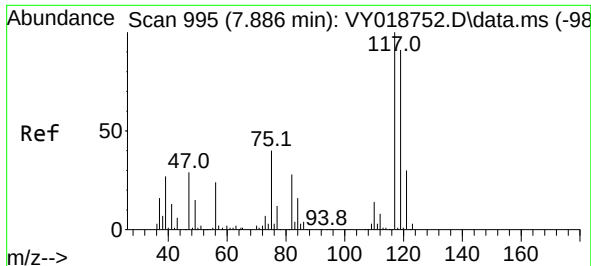
Tgt Ion:113 Resp: 49188
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

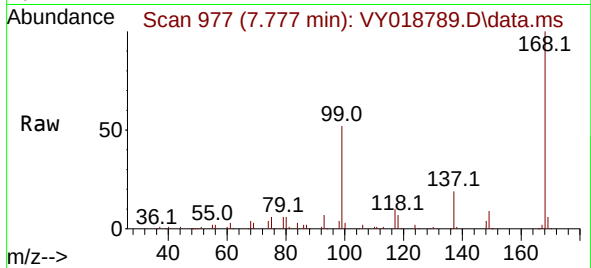
Tgt Ion: 75 Resp: 6276
Ion Ratio Lower Upper
75 100
110 12.0 19.0 57.0#
77 0.0 25.3 37.9#



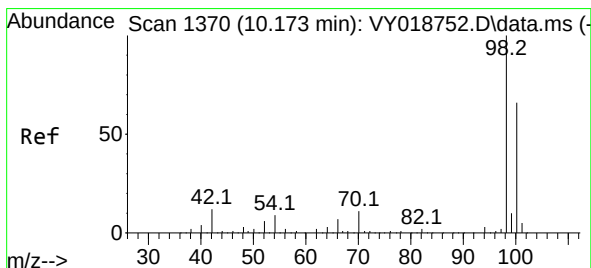
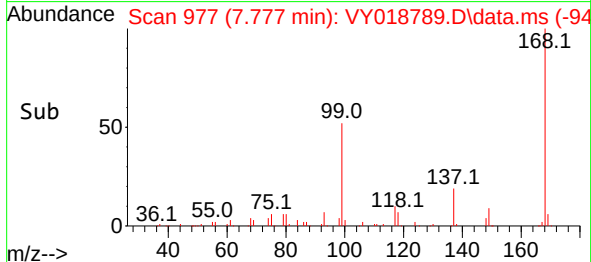
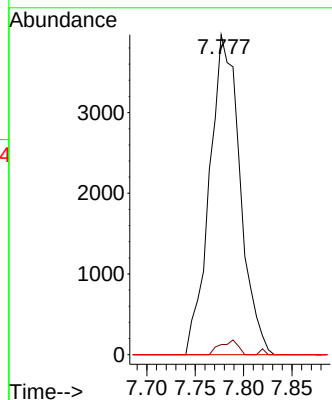


#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Instrument :
MSVOA_Y
ClientSampleId :

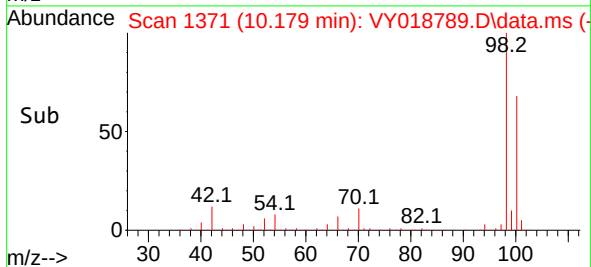
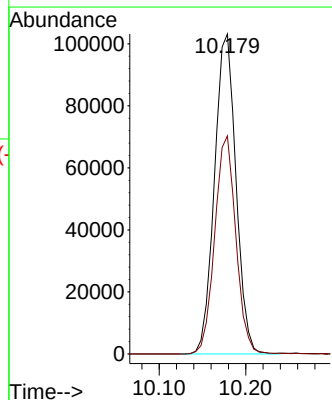
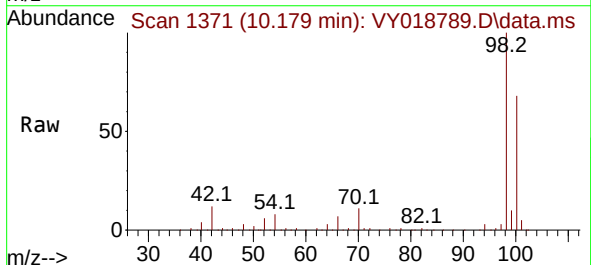


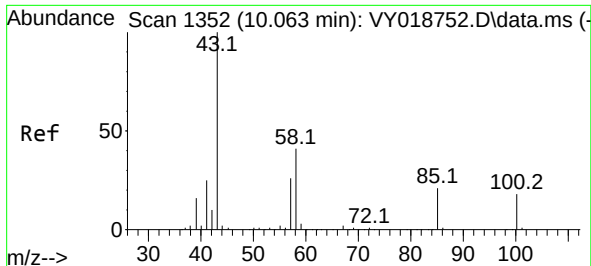
Tgt Ion:117 Resp: 8686
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.810 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Tgt Ion: 98 Resp: 177859
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

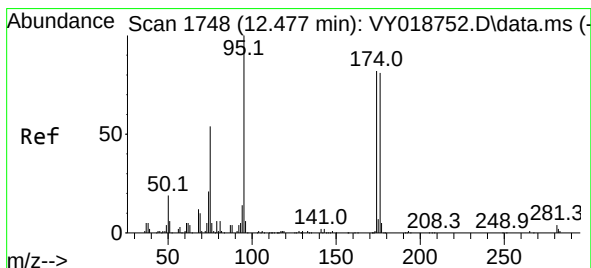
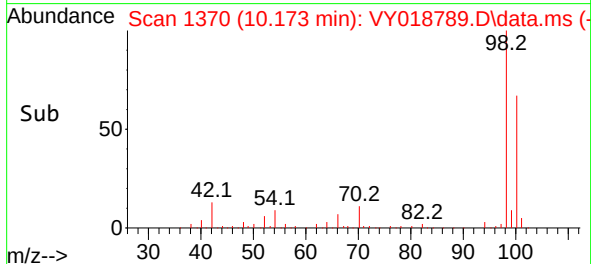
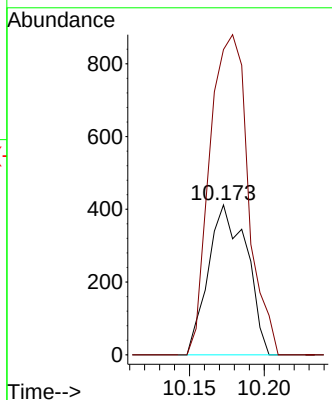
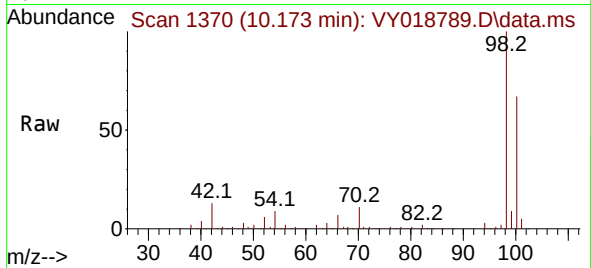




#51
4-Methyl-2-Pentanone
Concen: 1.263 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

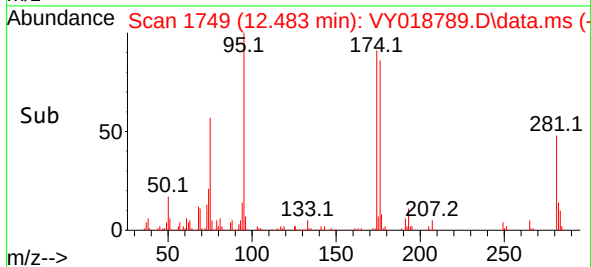
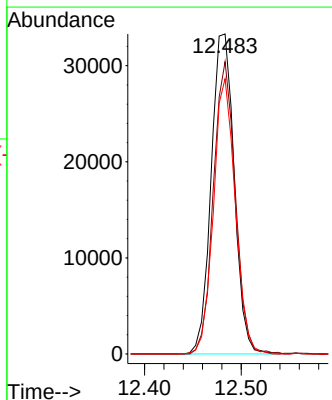
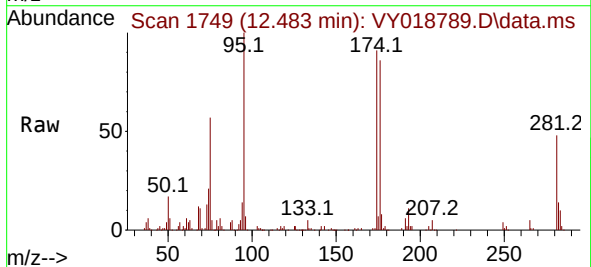
Instrument :
MSVOA_Y
ClientSampleId :

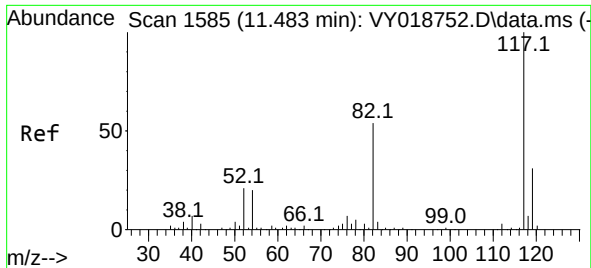
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 212.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Tgt Ion: 95 Resp: 54966
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 81.7 0.0 171.4

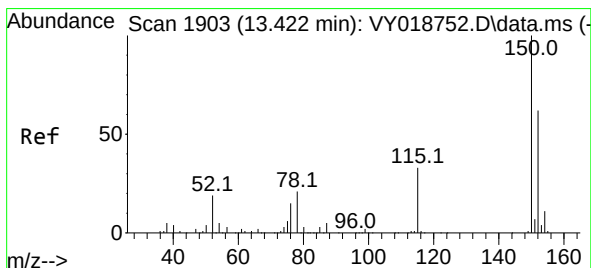
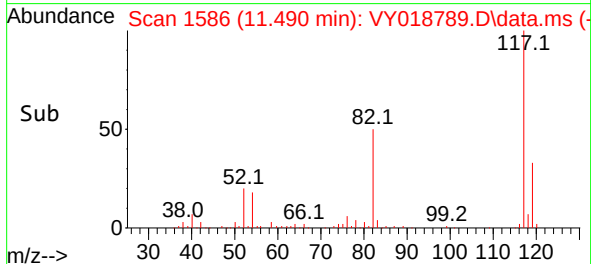
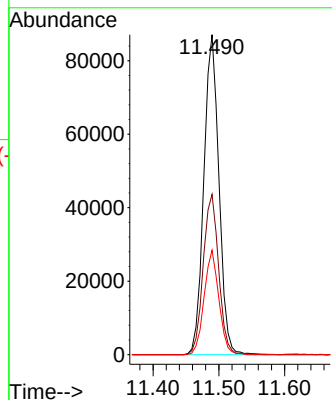
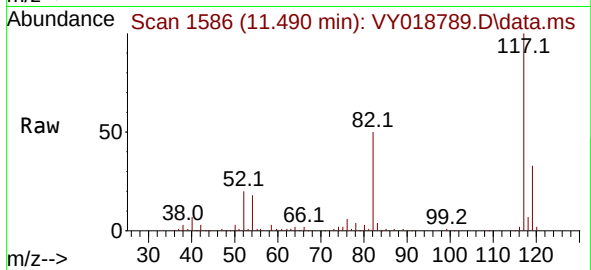




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

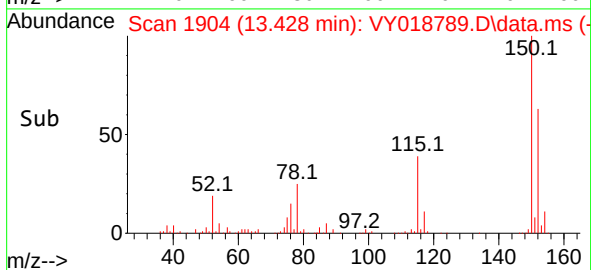
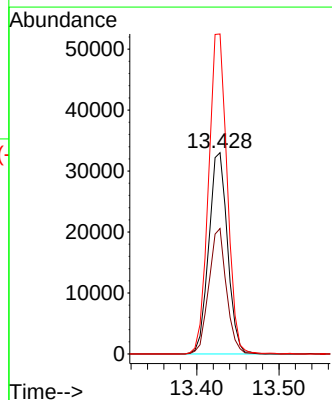
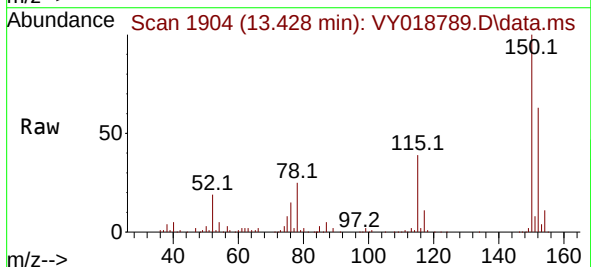
Instrument :
MSVOA_Y
ClientSampleId :

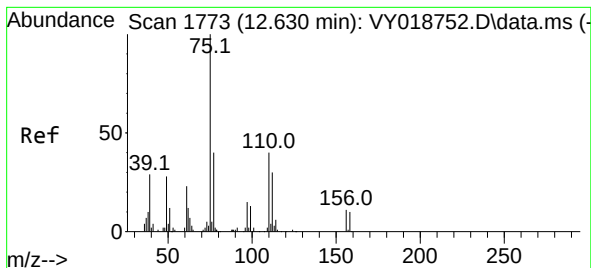
Tgt Ion:117 Resp: 139249
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Tgt Ion:152 Resp: 52248
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 73.433 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

Instrument :

MSVOA_Y

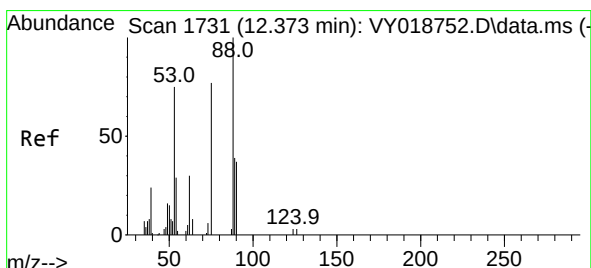
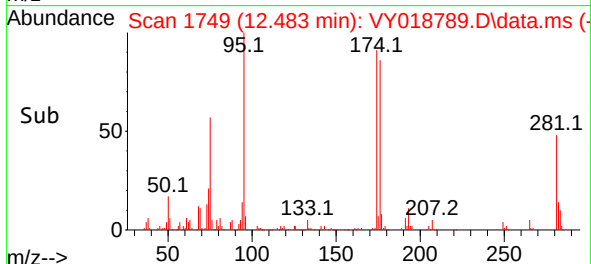
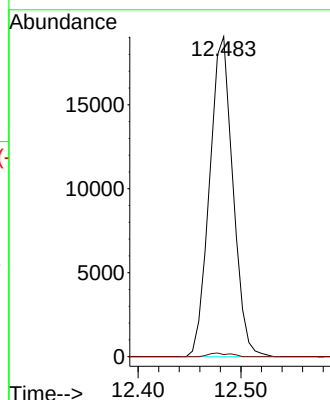
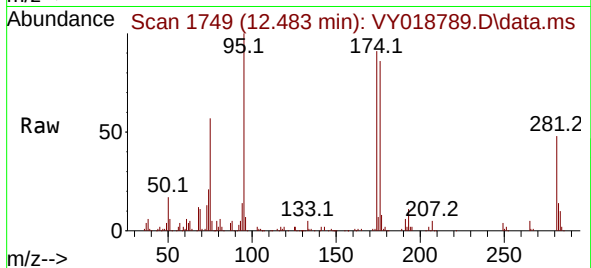
ClientSampleId :

Tgt Ion: 75 Resp: 30050

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 164.347 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

Tgt Ion: 75 Resp: 30050

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

