

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018798.D
 Acq On : 12 Jul 2024 15:27
 Operator : SY/MD
 Sample : P3208-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-PADS

Quant Time: Jul 12 23:40:15 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)

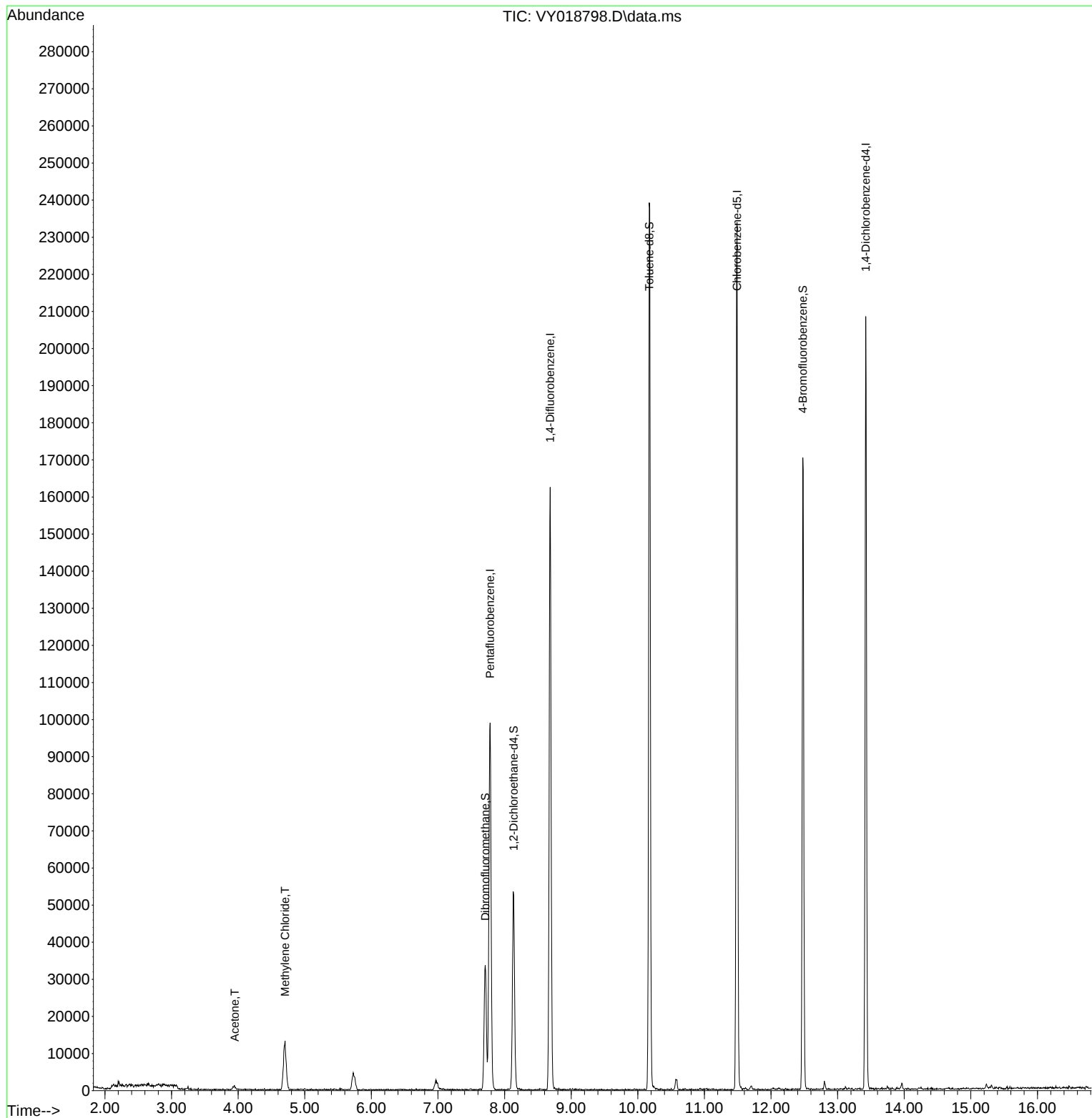
Internal Standards						
1) Pentafluorobenzene	7.783	168	80528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40045	50.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.710	113	23240	26.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.040%#	
50) Toluene-d8	10.173	98	160433	47.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.477	95	51522	44.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.180%	
Target Compounds						Qvalue
16) Acetone	3.948	43	1886	12.910	ug/l #	80
20) Methylene Chloride	4.704	84	9241	6.889	ug/l #	92

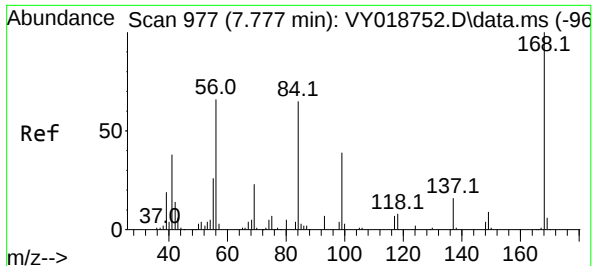
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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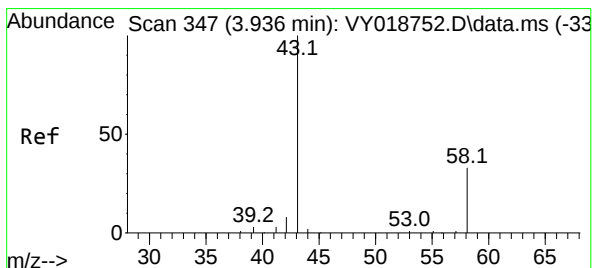
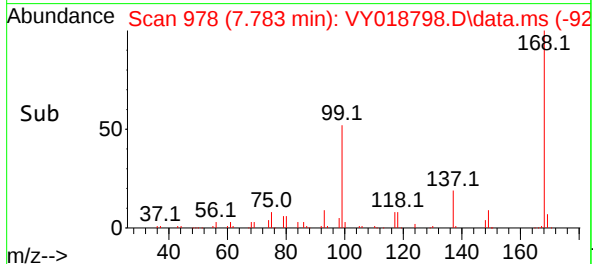
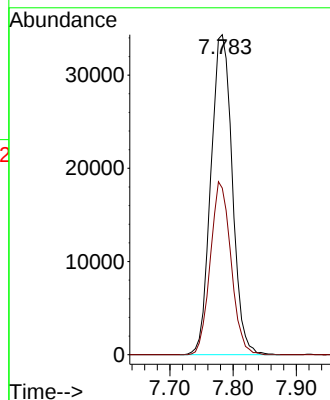
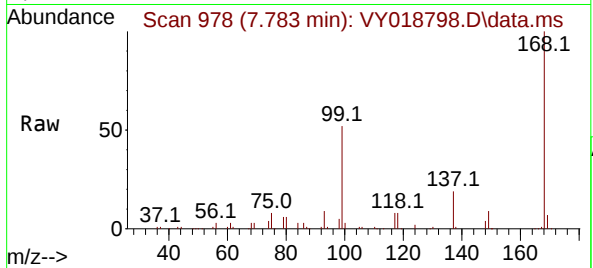




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

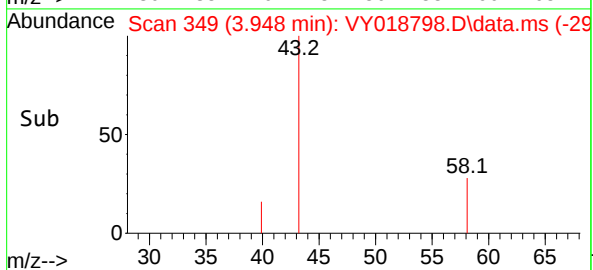
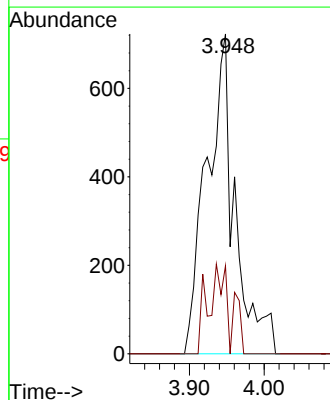
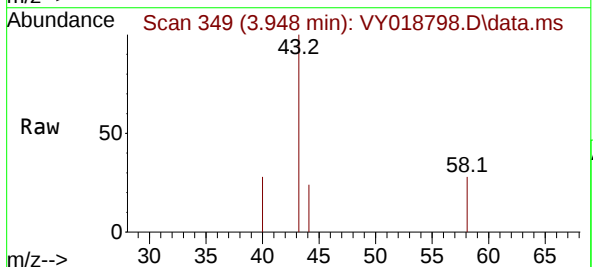
Instrument :
MSVOA_Y
ClientSampleId :
CONC-PADS

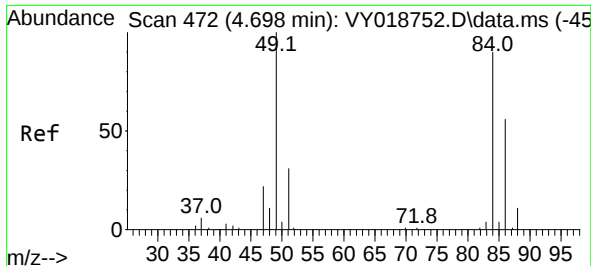
Tgt Ion:168 Resp: 80528
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#16
Acetone
Concen: 12.910 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#





#20

Methylene Chloride

Concen: 6.889 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

CONC-PADS

Tgt Ion: 84 Resp: 9241

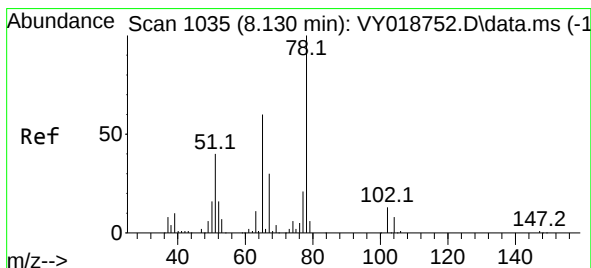
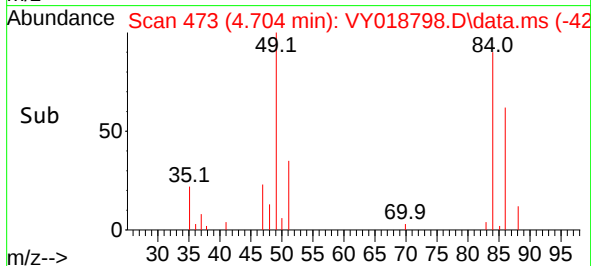
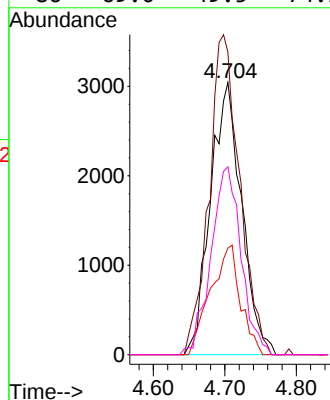
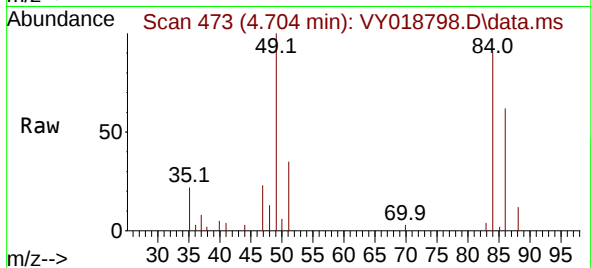
Ion Ratio Lower Upper

84 100

49 111.2 84.4 126.6

51 39.2 26.0 39.0#

86 69.0 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 50.536 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY018798.D

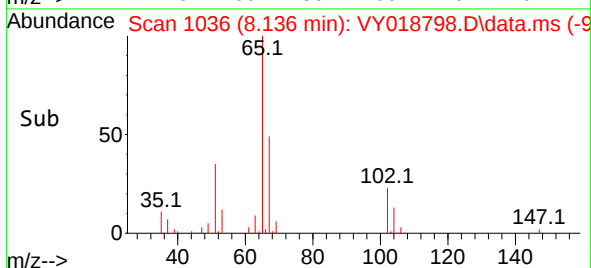
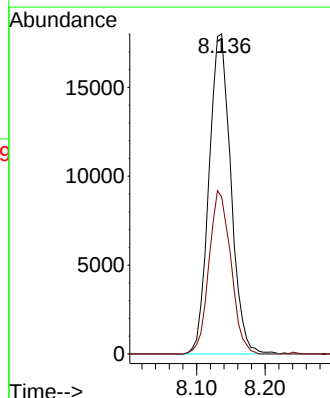
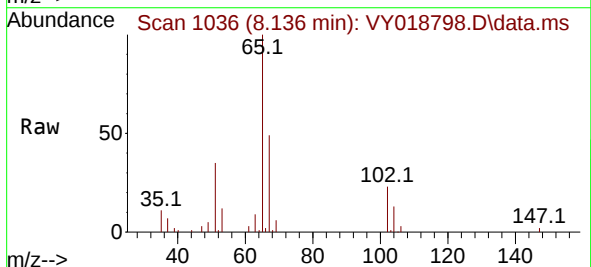
Acq: 12 Jul 2024 15:27

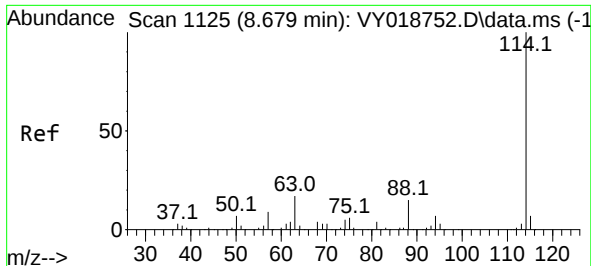
Tgt Ion: 65 Resp: 40045

Ion Ratio Lower Upper

65 100

67 50.9 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: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

CONC-PADS

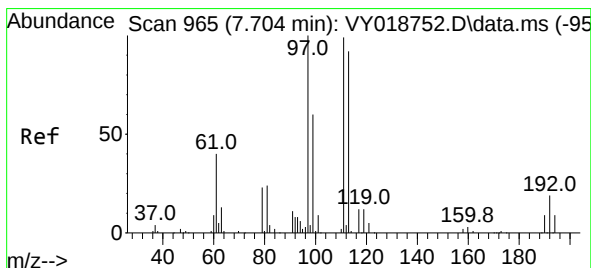
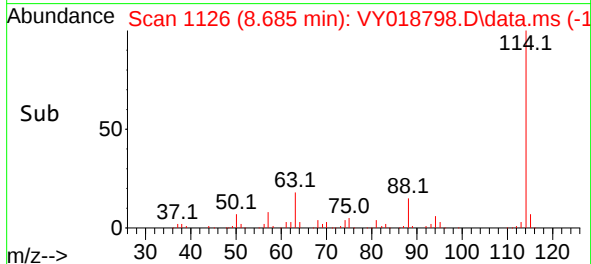
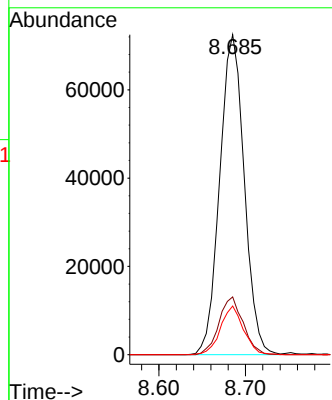
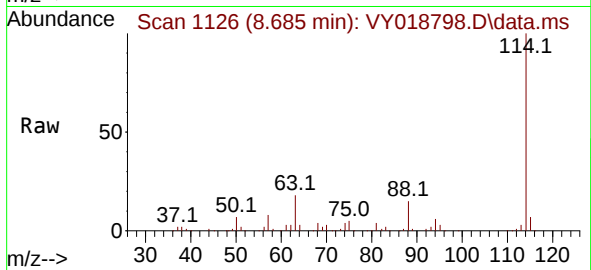
Tgt Ion:114 Resp: 142581

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 26.024 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

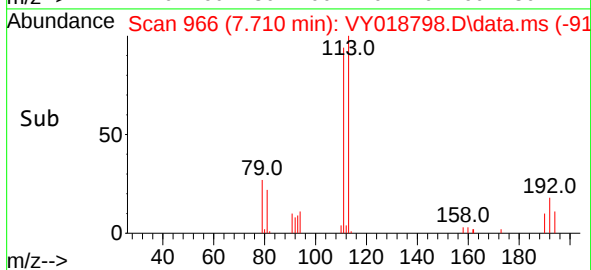
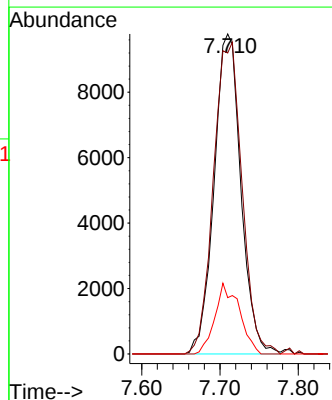
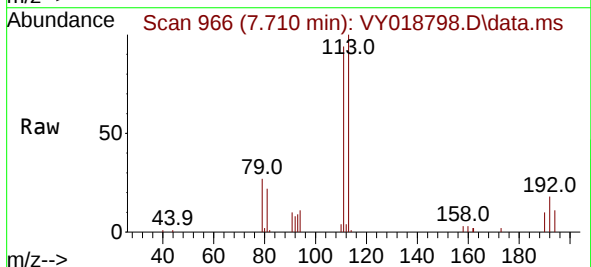
Tgt Ion:113 Resp: 23240

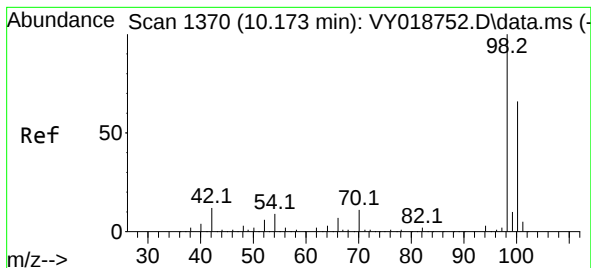
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.2 15.9 23.9

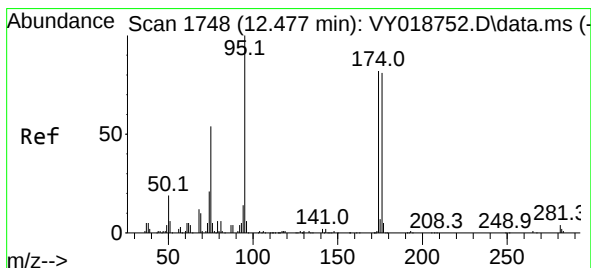
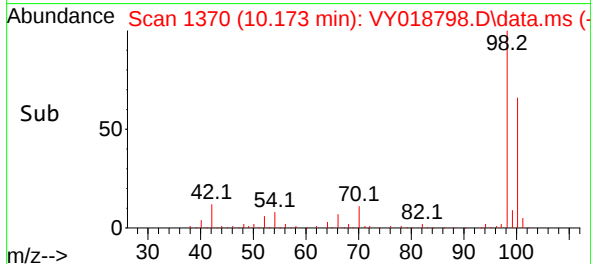
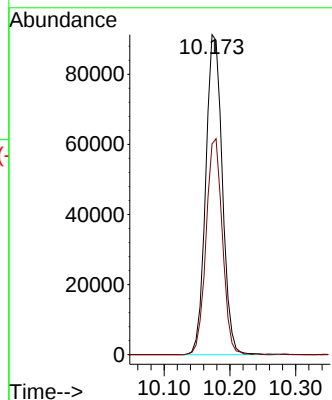
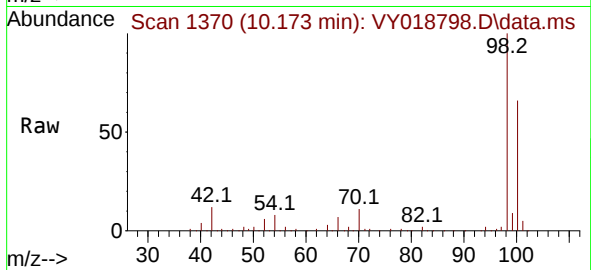




#50
Toluene-d8
Concen: 47.420 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

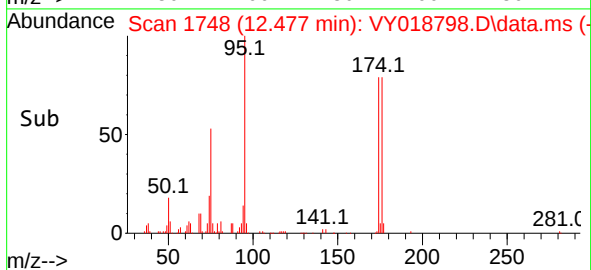
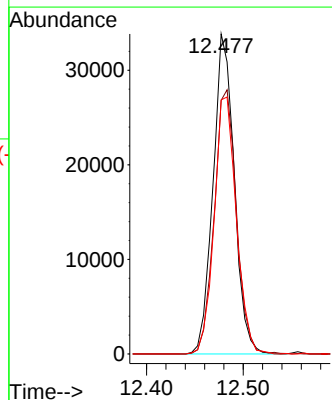
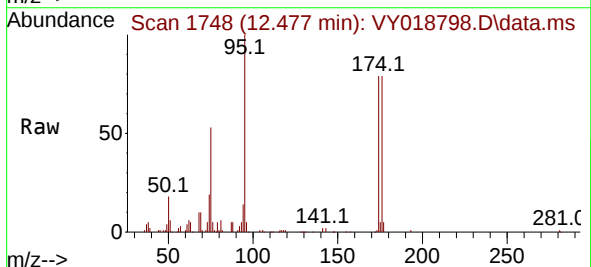
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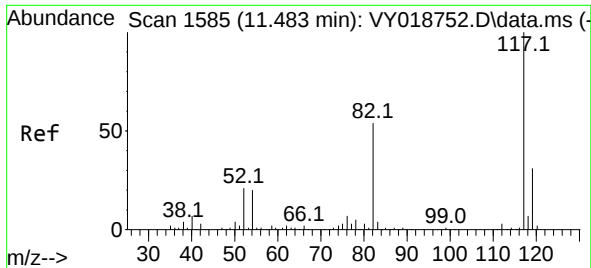
Tgt Ion: 98 Resp: 160433
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.592 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 95 Resp: 51522
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 83.8 0.0 171.4

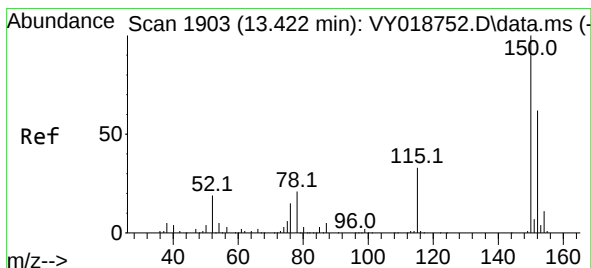
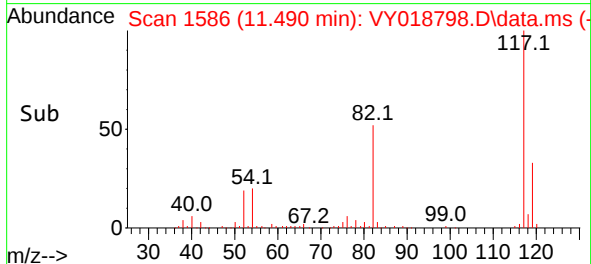
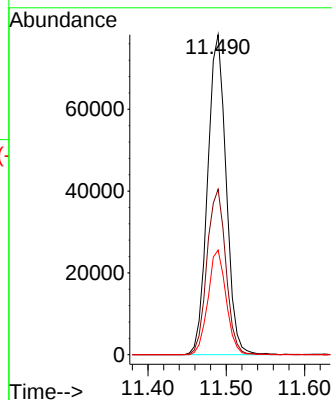
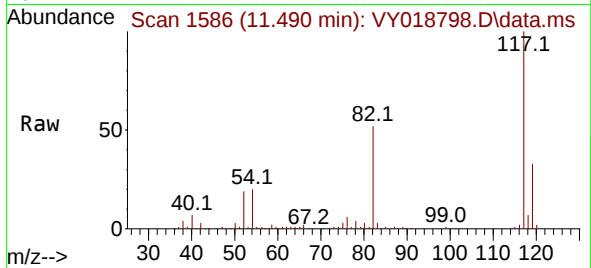




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Instrument :
MSVOA_Y
ClientSampleId :
CONC-PADS

Tgt Ion:117 Resp: 128133
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.7 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: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion:152 Resp: 52414
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 158.6 0.0 345.6

