

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018790.D
 Acq On : 12 Jul 2024 12:12
 Operator : SY/MD
 Sample : P3193-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 FILL-MATERIAL-2

Quant Time: Jul 12 23:36:02 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	76042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39378	52.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.260%
35) Dibromofluoromethane	7.710	113	42151	49.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.173	98	150634	46.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.477	95	48632	43.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.420%

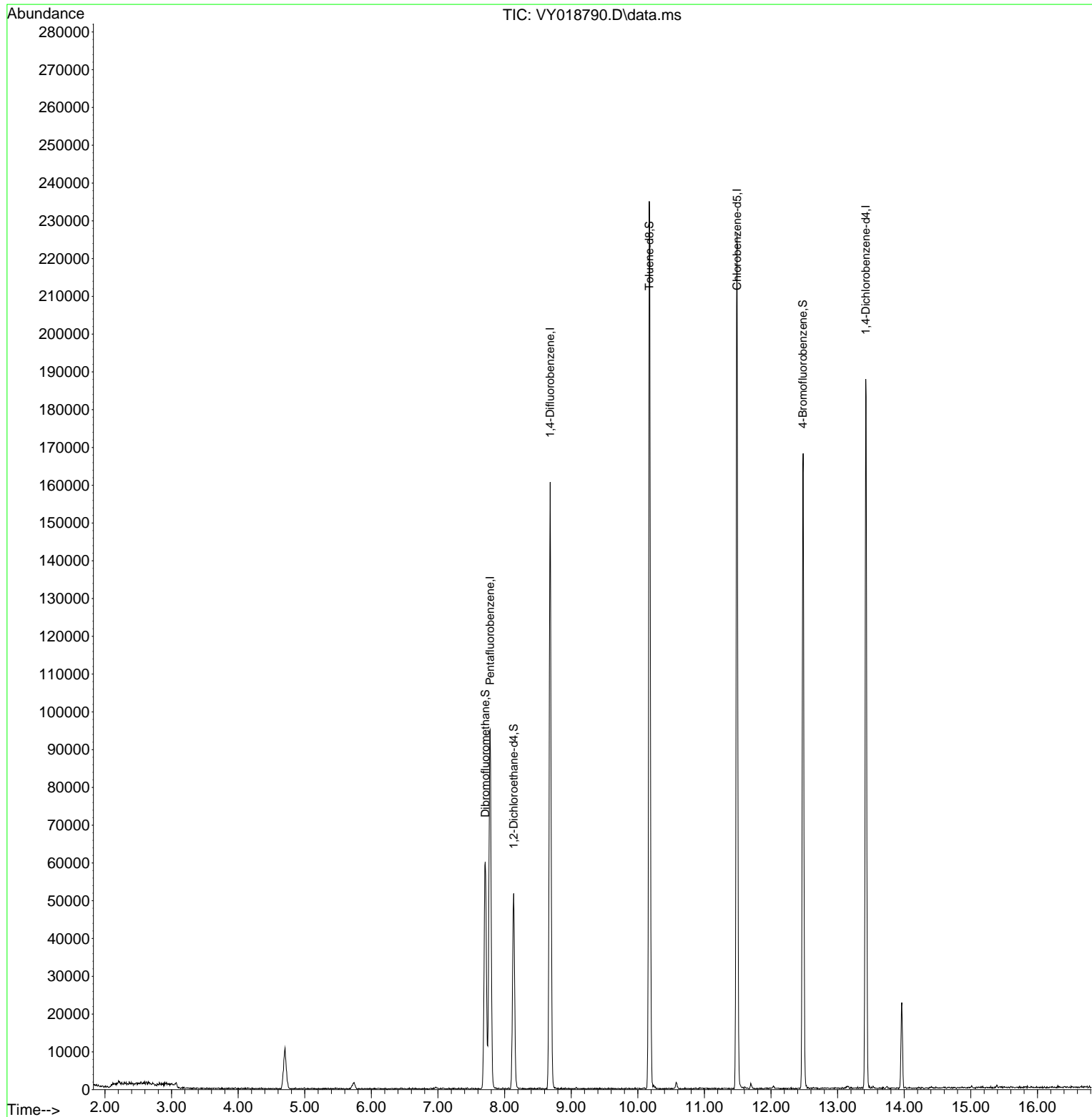
Target Compounds Qvalue

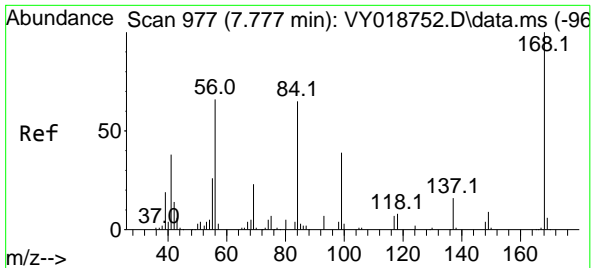
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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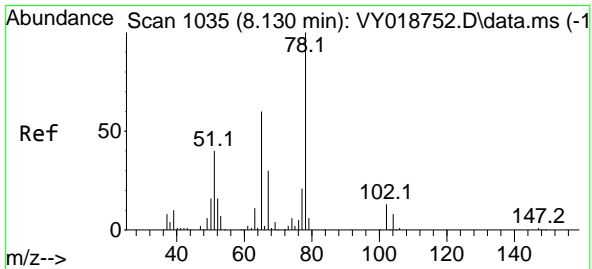
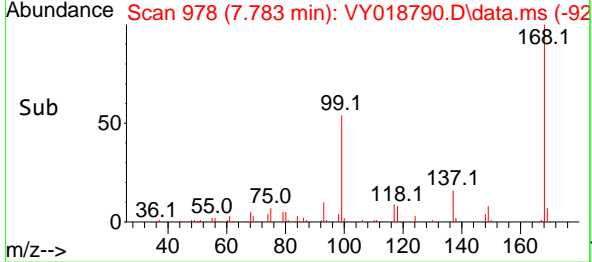
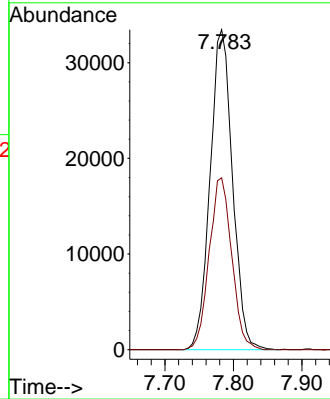
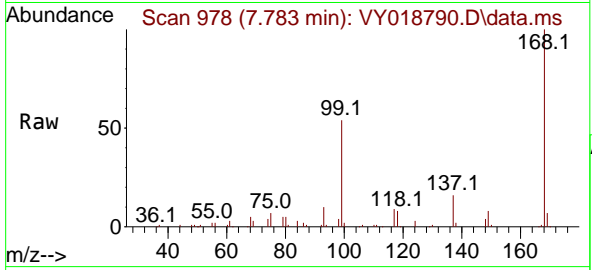




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

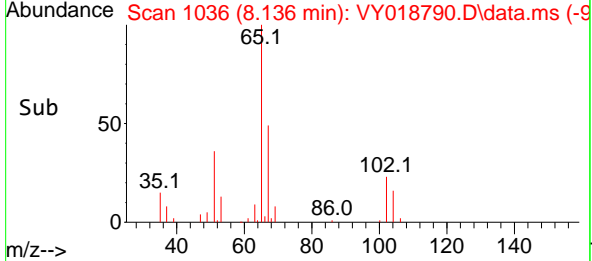
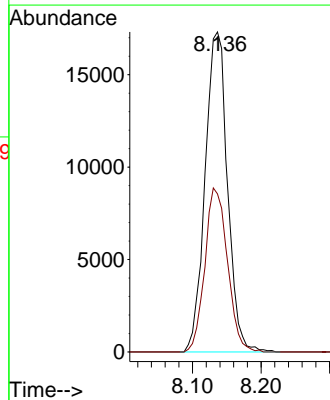
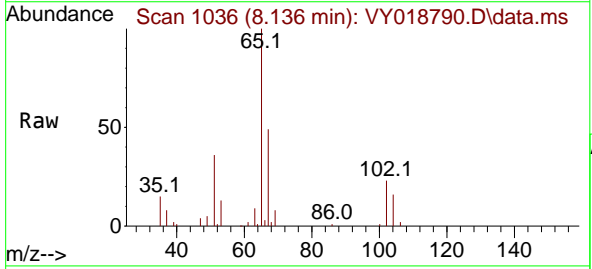
Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-2

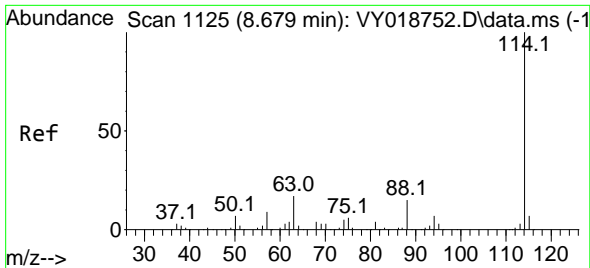
Tgt Ion:168 Resp: 76042
 Ion Ratio Lower Upper
 168 100
 99 53.7 39.1 58.7



#33
 1,2-Dichloroethane-d4
 Concen: 52.626 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Tgt Ion: 65 Resp: 39378
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 109.6



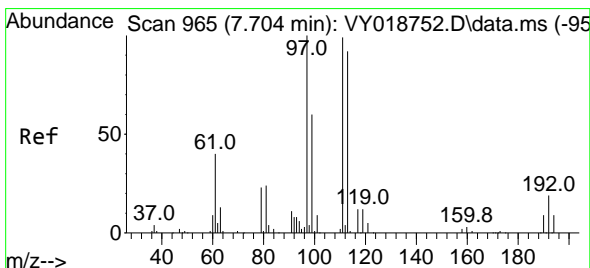
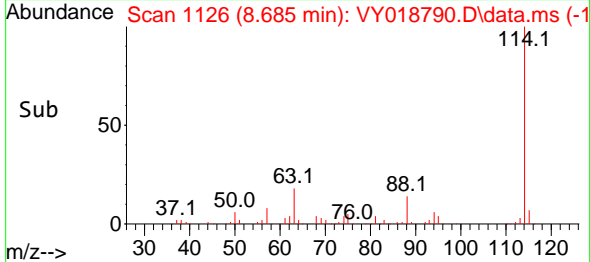
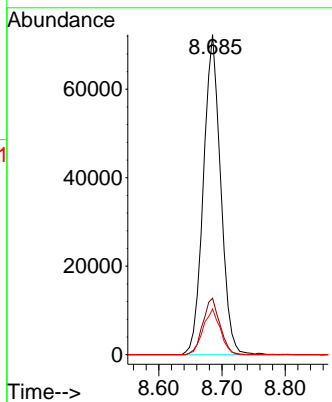
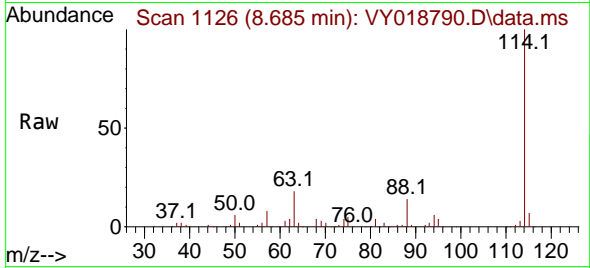


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Instrument : MSVOA_Y
 ClientSampleId : VY018790.D
 FILL-MATERIAL-2

Tgt Ion:114 Resp: 137288

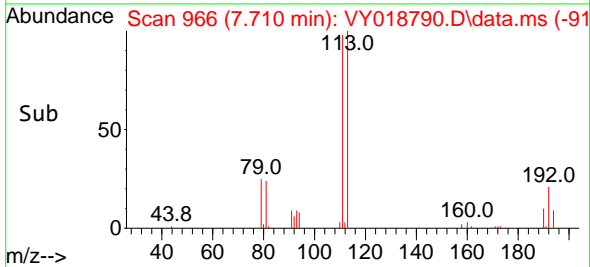
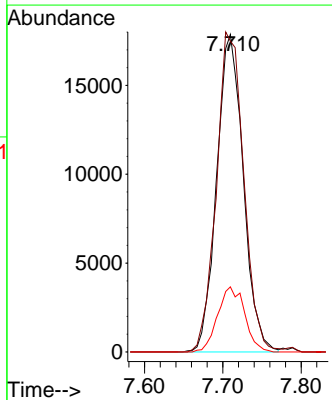
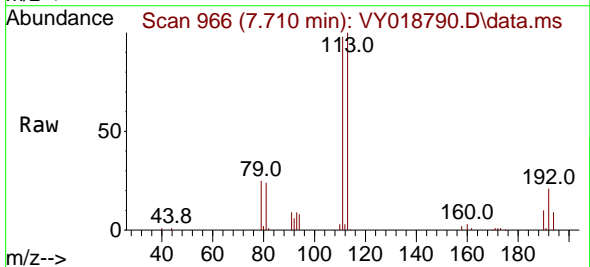
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	14.3	0.0	27.2

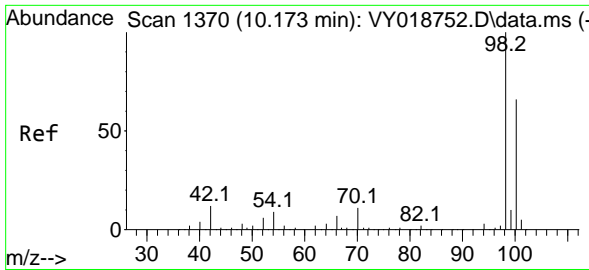


#35
 Dibromofluoromethane
 Concen: 49.021 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. 0.006 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Tgt Ion:113 Resp: 42151

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	20.8	15.9	23.9

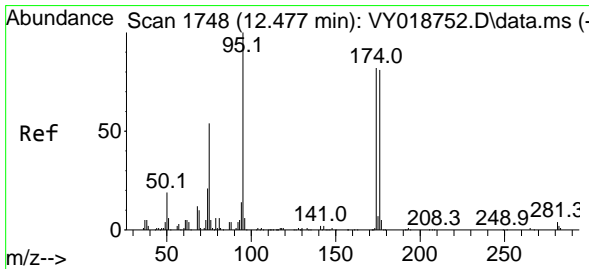
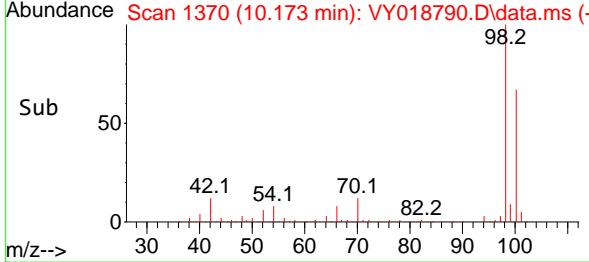
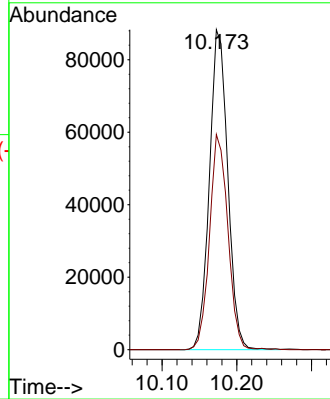
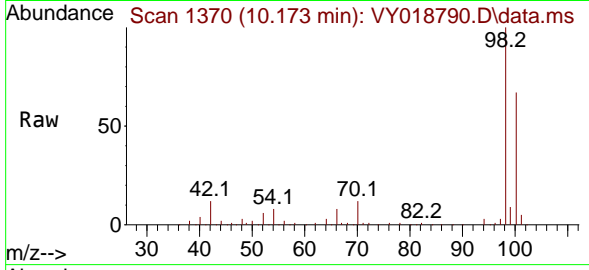




#50
 Toluene-d8
 Concen: 46.240 ug/l
 RT: 10.173 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

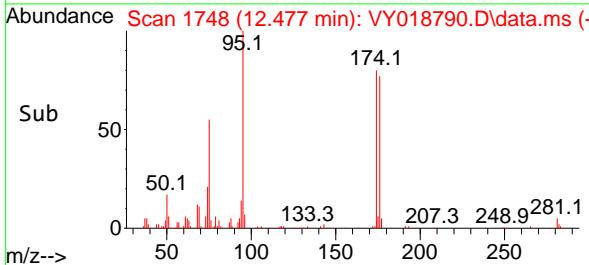
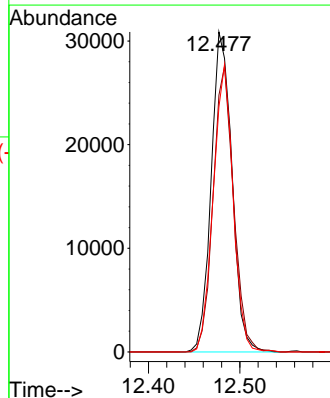
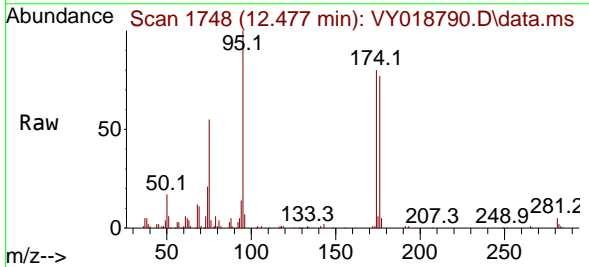
Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-2

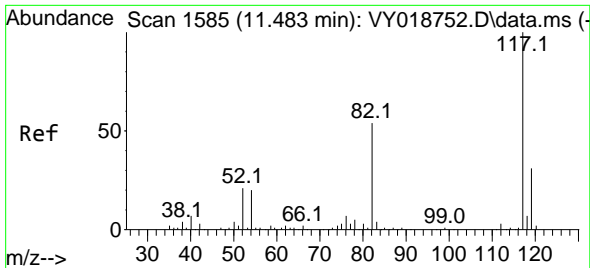
Tgt Ion: 98 Resp: 150634
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.0 78.0



#62
 4-Bromofluorobenzene
 Concen: 43.714 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.000 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Tgt Ion: 95 Resp: 48632
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 175.6
 176 85.8 0.0 171.4

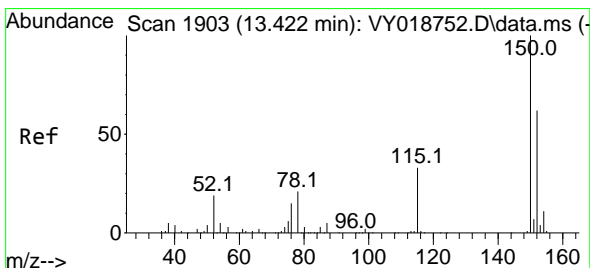
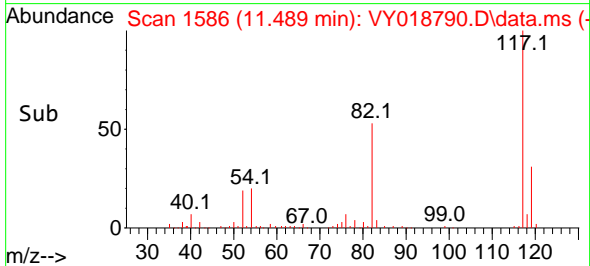
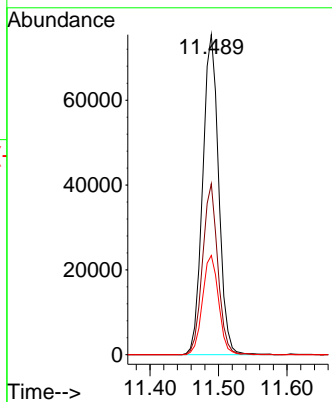
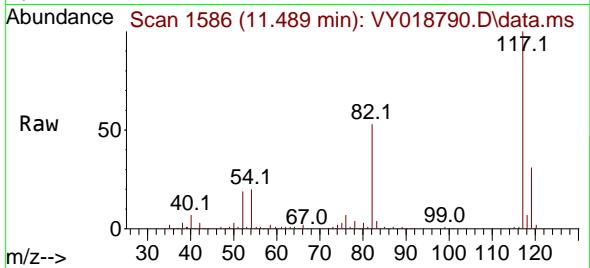




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-2

Tgt Ion	Resp	Lower	Upper
117	122505		
82	53.4	42.4	63.6
119	31.0	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: VY018790.D
 Acq: 12 Jul 2024 12:12

Tgt Ion	Resp	Lower	Upper
152	50041		
115	56.8	28.2	84.7
150	153.2	0.0	345.6

