

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013458.D
 Acq On : 25 Apr 2023 19:47
 Operator : KP/MD
 Sample : 02477-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-22)RE

Quant Time: Apr 26 02:54:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

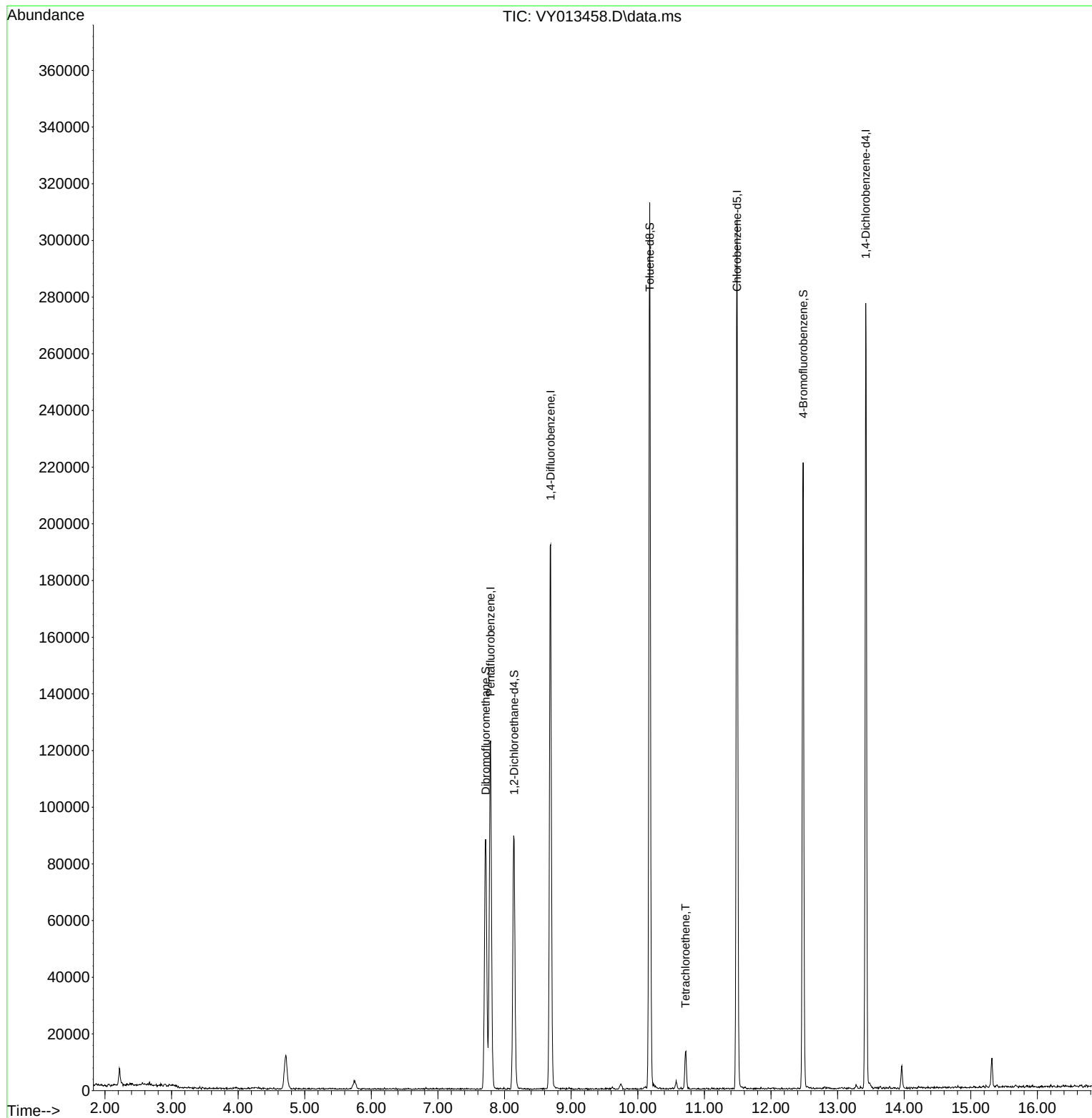
Internal Standards						
1) Pentafluorobenzene	7.789	168	94655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71220	68.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.280%
35) Dibromofluoromethane	7.716	113	61263	61.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.340%
50) Toluene-d8	10.179	98	201308	56.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.020%
62) 4-Bromofluorobenzene	12.483	95	62784	52.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.540%
Target Compounds						Qvalue
64) Tetrachloroethene	10.715	164	2874	2.364	ug/l	90

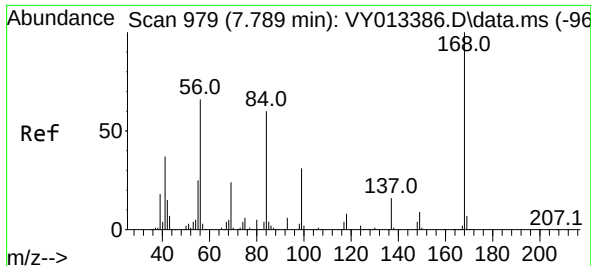
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013458.D
Acq On : 25 Apr 2023 19:47
Operator : KP/MD
Sample : 02477-02RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)RE

Quant Time: Apr 26 02:54:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

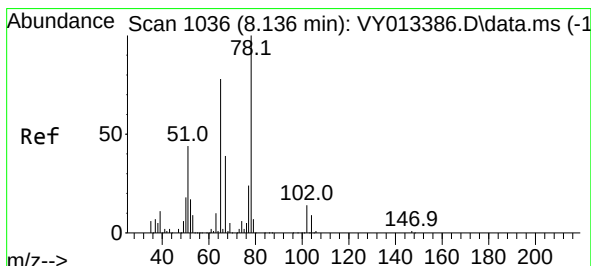
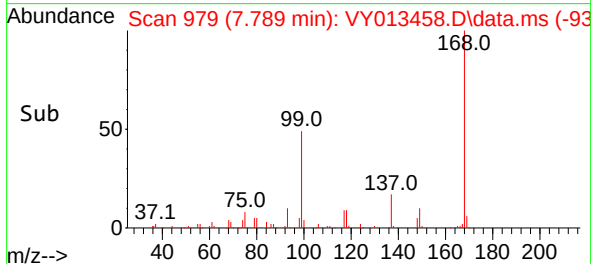
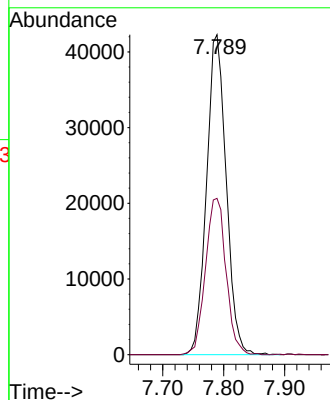
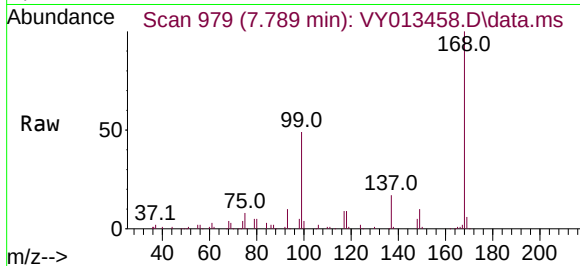




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

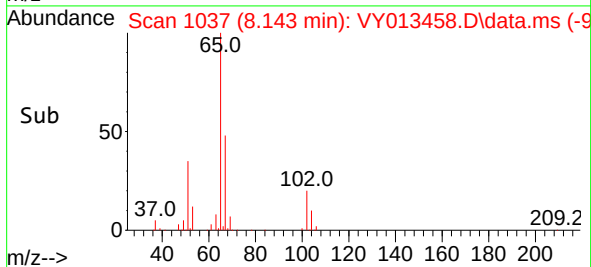
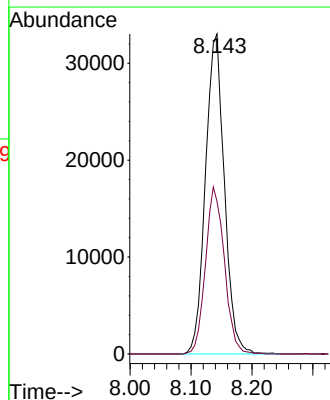
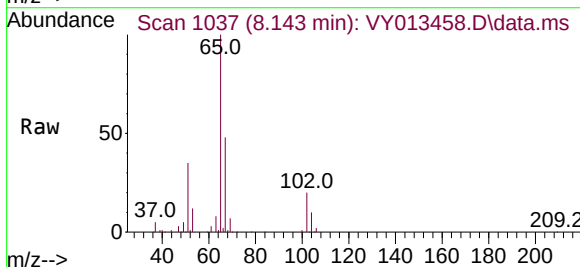
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)RE

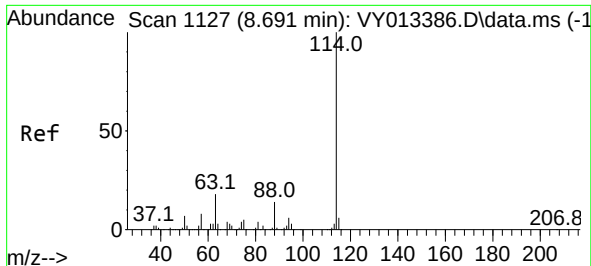
Tgt Ion:168 Resp: 94655
Ion Ratio Lower Upper
168 100
99 48.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 68.637 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

Tgt Ion: 65 Resp: 71220
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

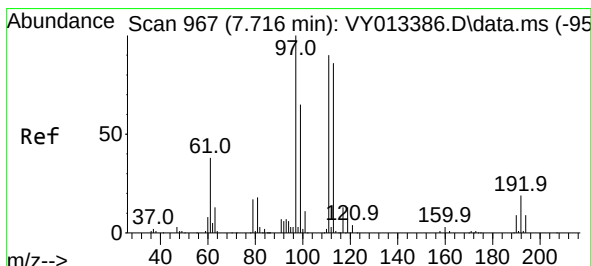
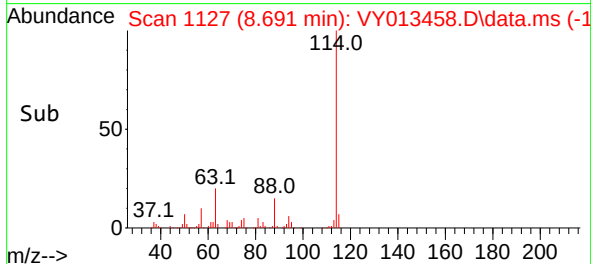
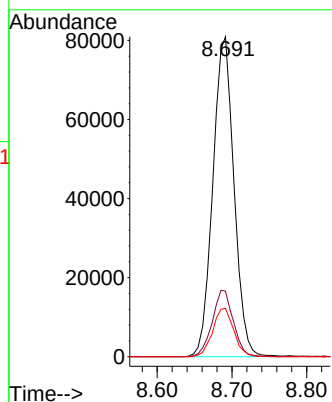
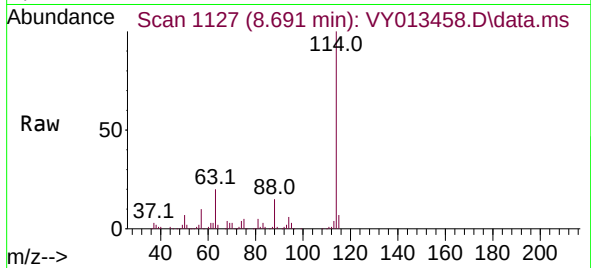




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

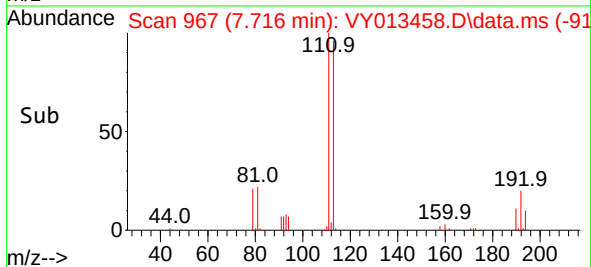
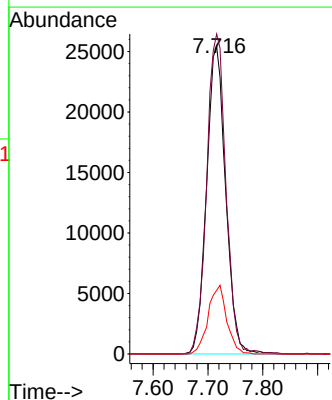
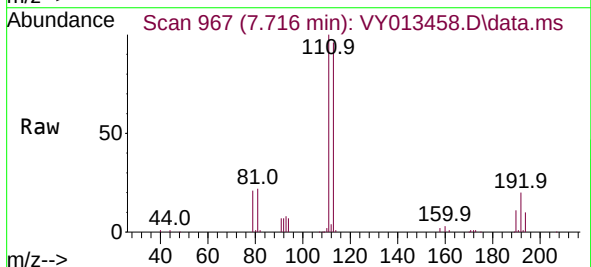
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)RE

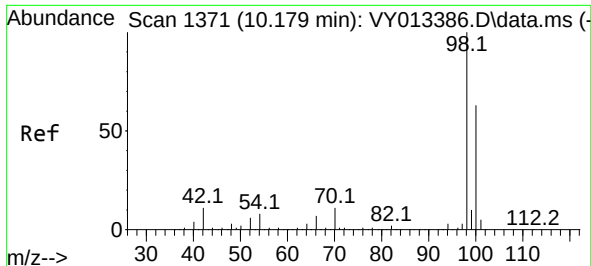
Tgt Ion:114 Resp: 159228
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.6
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 61.173 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

Tgt Ion:113 Resp: 61263
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 21.8 16.7 25.1

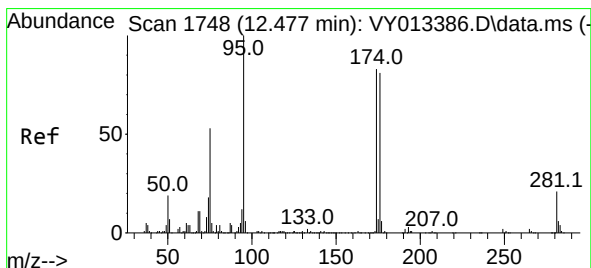
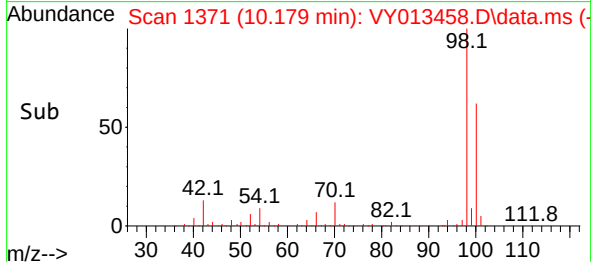
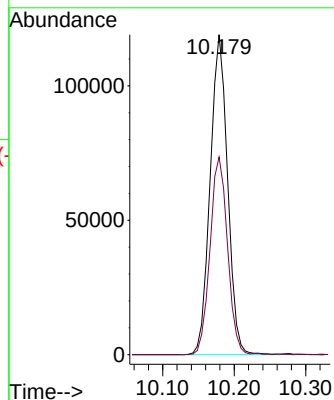
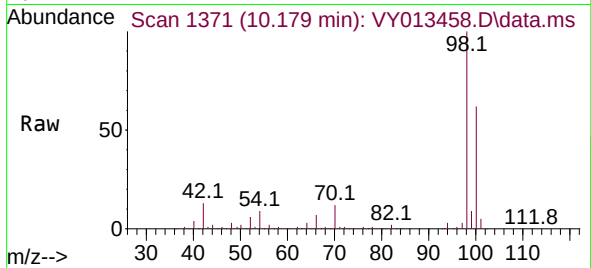




#50
Toluene-d8
Concen: 56.505 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

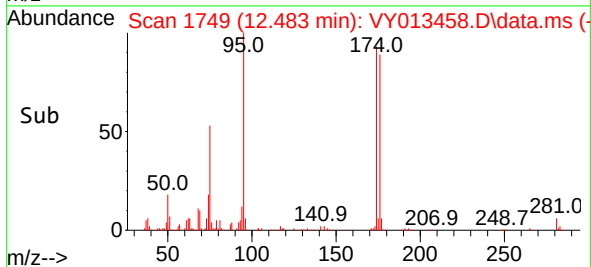
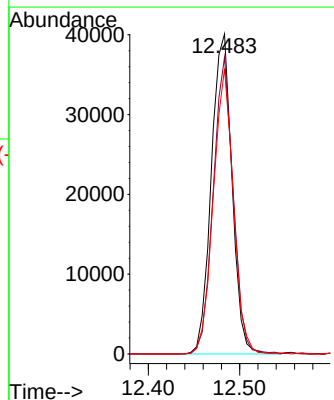
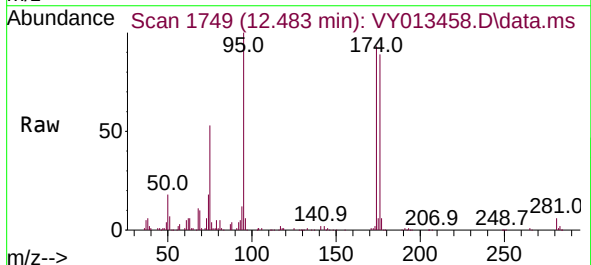
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)RE

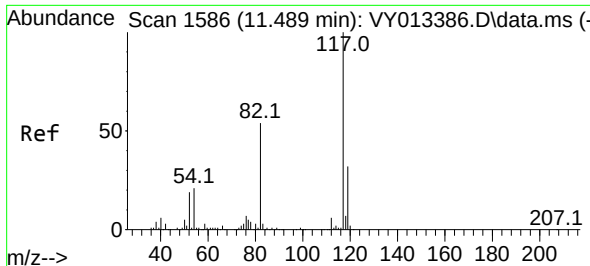
Tgt Ion: 98 Resp: 201308
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

Tgt Ion: 95 Resp: 62784
Ion Ratio Lower Upper
95 100
174 89.8 0.0 182.0
176 86.8 0.0 175.4

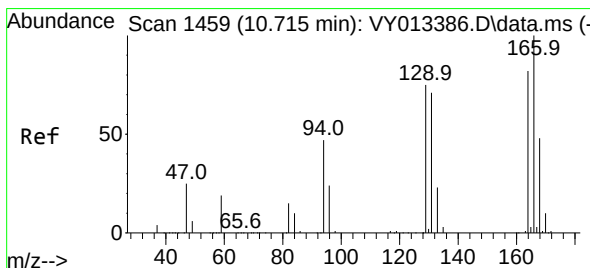
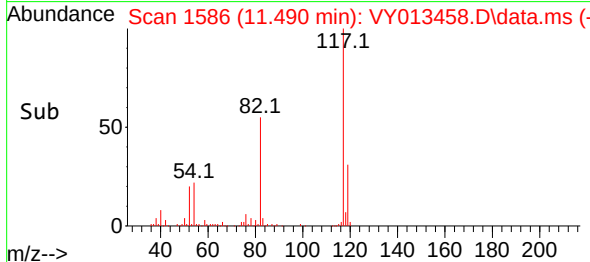
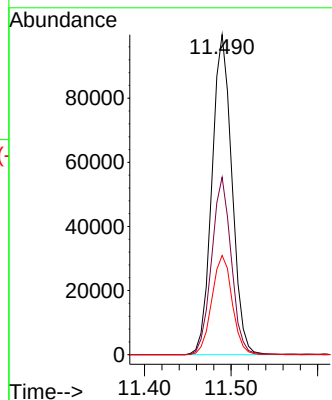
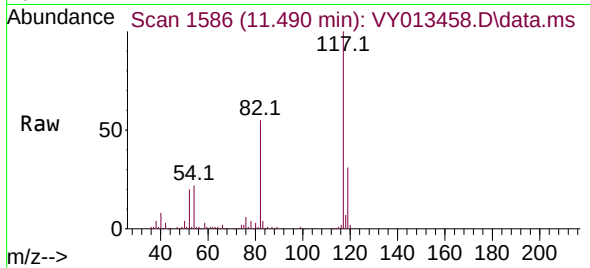




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

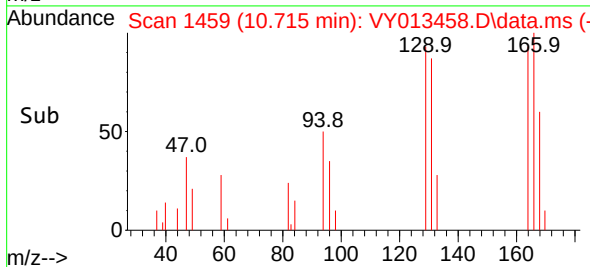
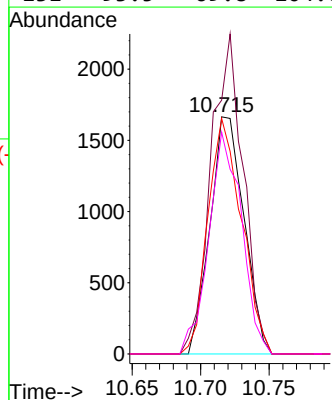
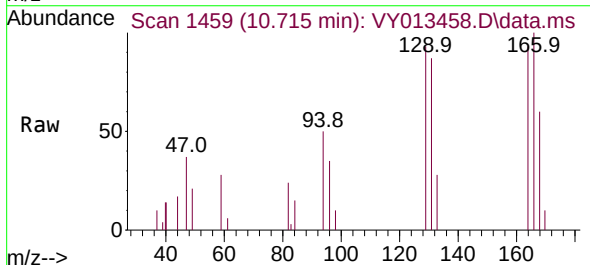
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)RE

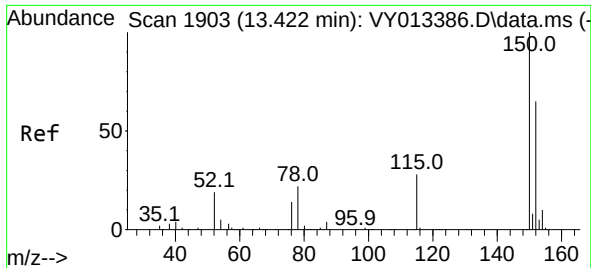
Tgt Ion:	117	Resp:	159913
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.6
119	31.0	25.5	38.3



#64
Tetrachloroethene
Concen: 2.364 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013458.D
Acq: 25 Apr 2023 19:47

Tgt Ion:	164	Resp:	2874
Ion	Ratio	Lower	Upper
164	100		
166	107.0	97.5	146.3
129	99.3	72.6	109.0
131	93.5	69.8	104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013458.D

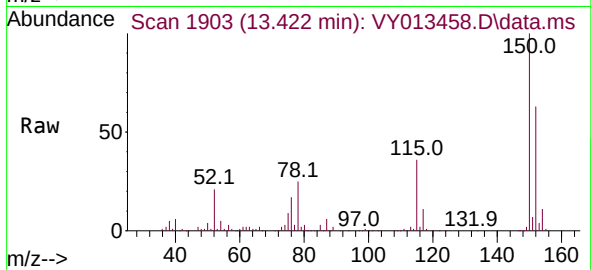
Acq: 25 Apr 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-22)RE



Tgt Ion:152 Resp: 71330

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.2

150 155.9 0.0 352.0

