

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011526.D
 Acq On : 21 Nov 2022 16:02
 Operator : KP/MD
 Sample : N5678-03RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-02RE

Quant Time: Nov 22 01:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129725	72.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.580%
35) Dibromofluoromethane	7.716	113	112246	52.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.179	98	421992	54.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.480%
62) 4-Bromofluorobenzene	12.483	95	136838	48.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%

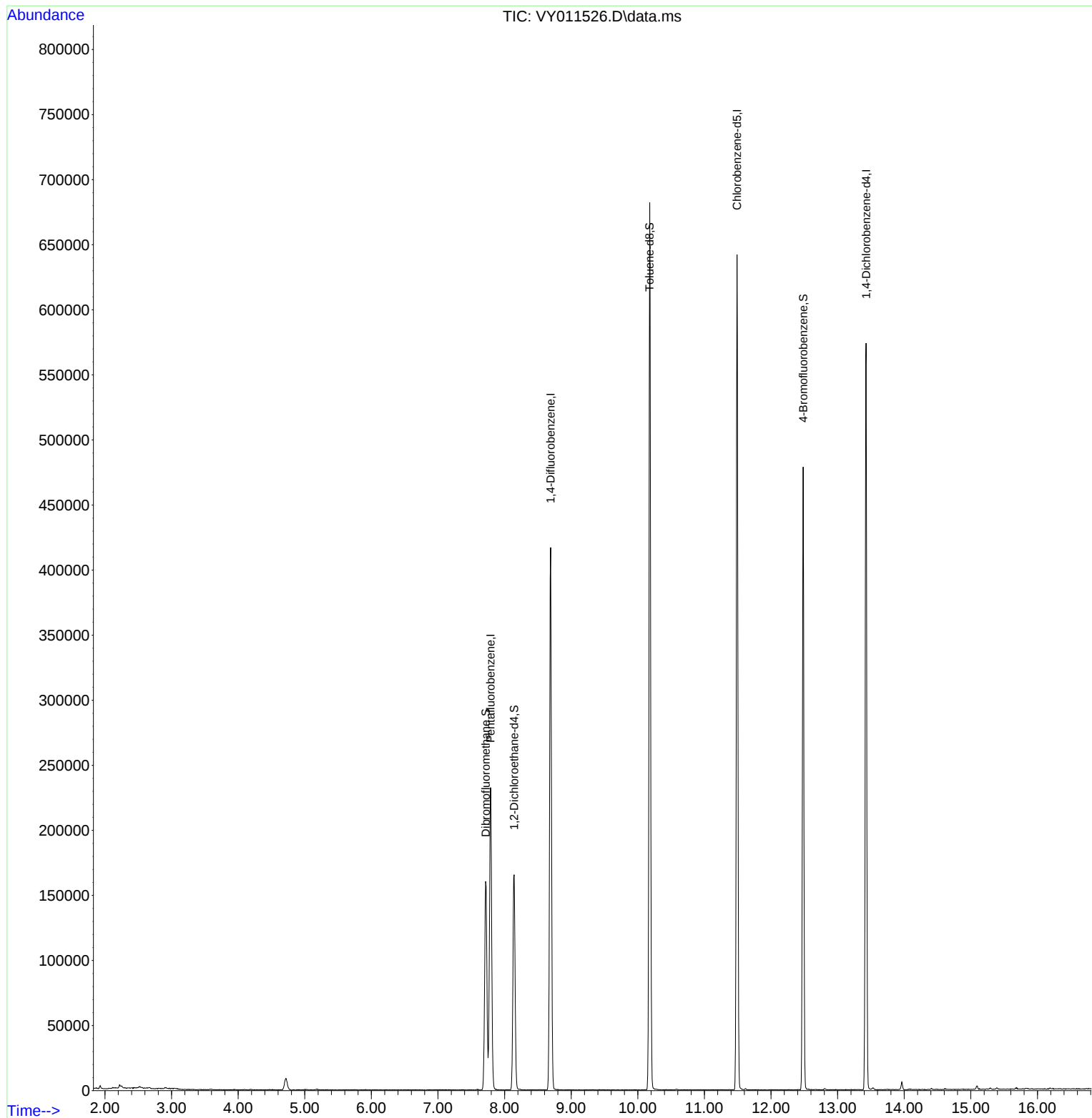
Target Compounds	Qvalue

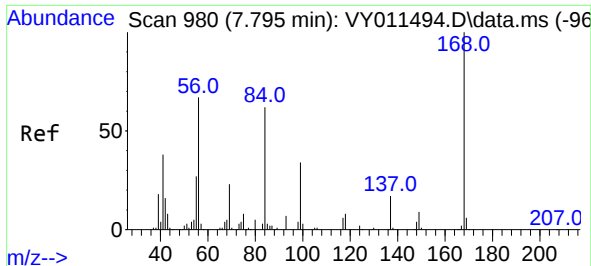
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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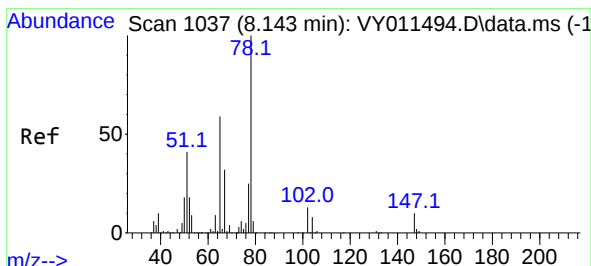
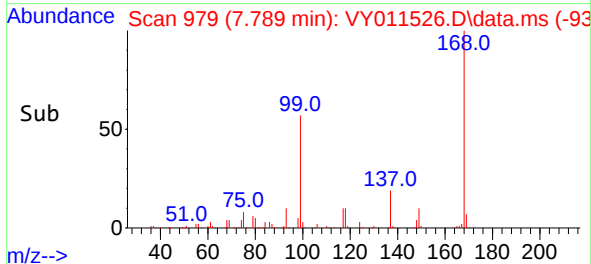
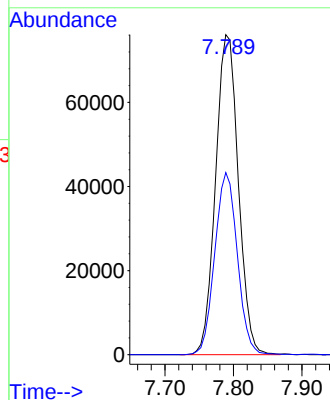
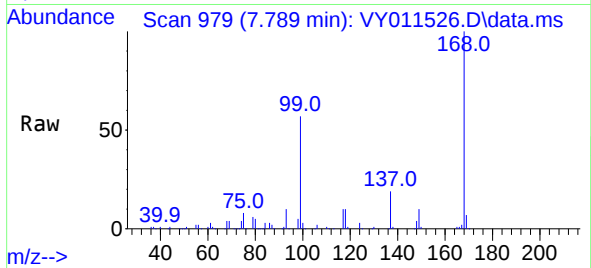




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

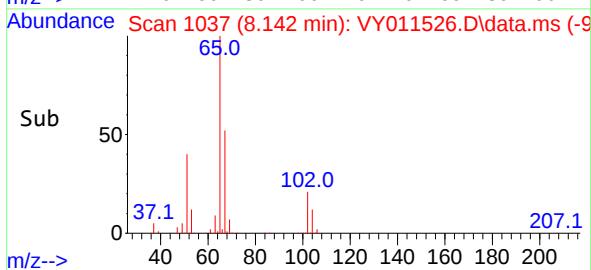
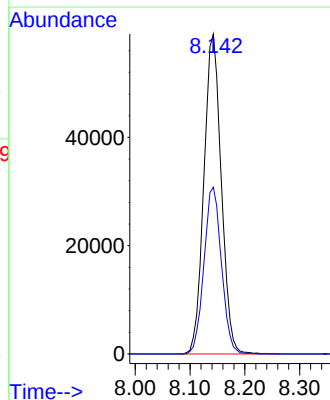
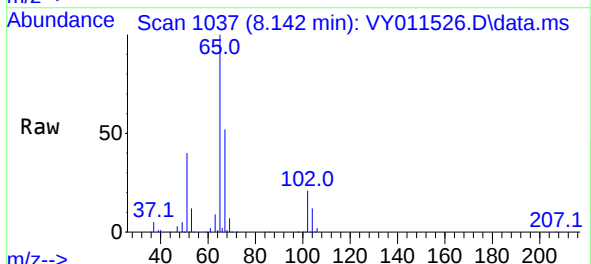
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-02RE

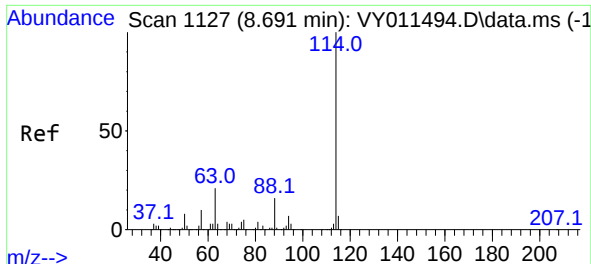
Tgt Ion:168 Resp: 175504
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.795 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion: 65 Resp: 129725
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011526.D

Acq: 21 Nov 2022 16:02

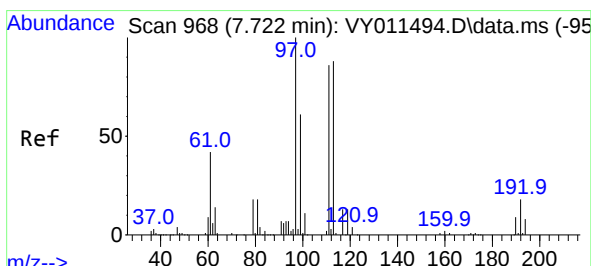
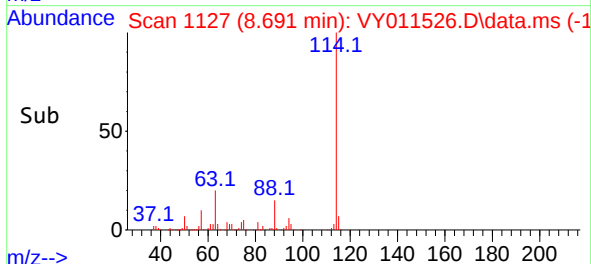
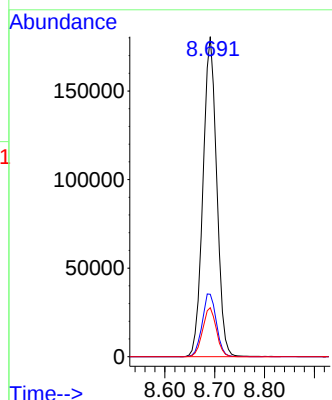
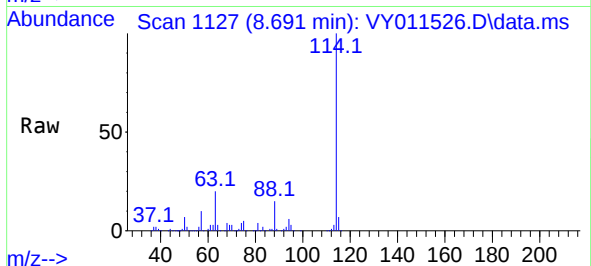
Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-02RE

Tgt Ion:114	Resp:	344634
Ion	Ratio	Lower Upper
114	100	
63	19.5	0.0 43.2
88	15.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 52.908 ug/l

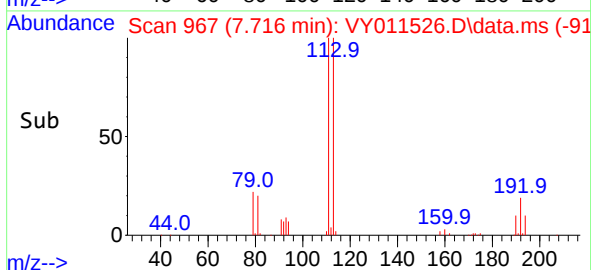
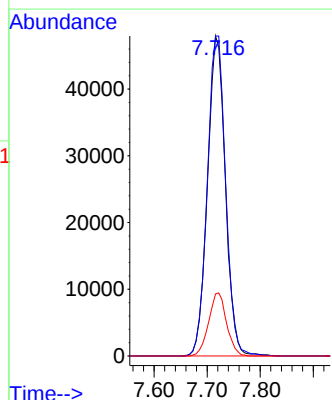
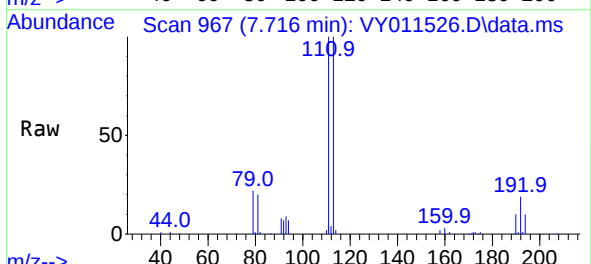
RT: 7.716 min Scan# 967

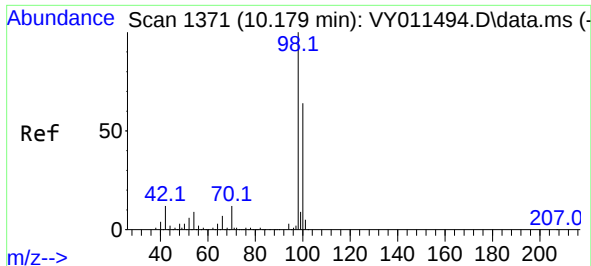
Delta R.T. -0.006 min

Lab File: VY011526.D

Acq: 21 Nov 2022 16:02

Tgt Ion:113	Resp:	112246
Ion	Ratio	Lower Upper
113	100	
111	102.6	82.6 124.0
192	19.7	17.6 26.4

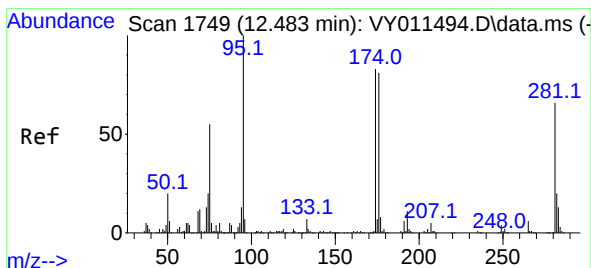
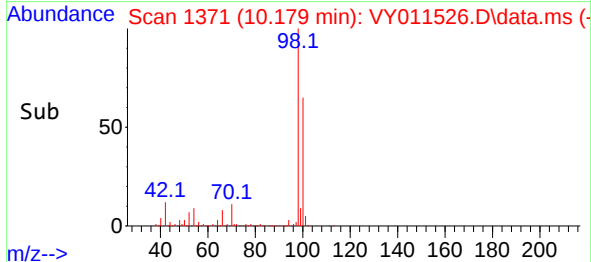
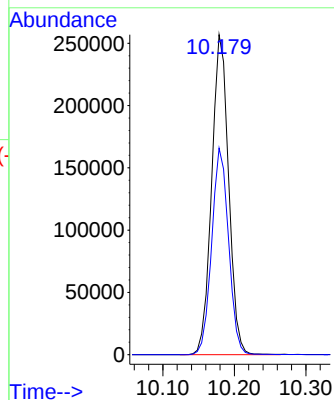
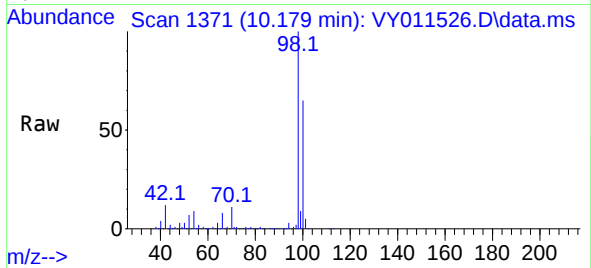




#50
Toluene-d8
Concen: 54.737 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

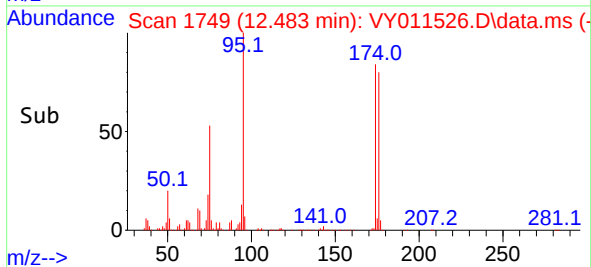
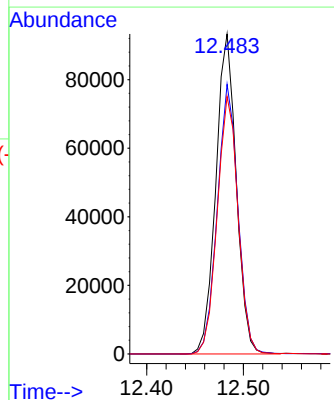
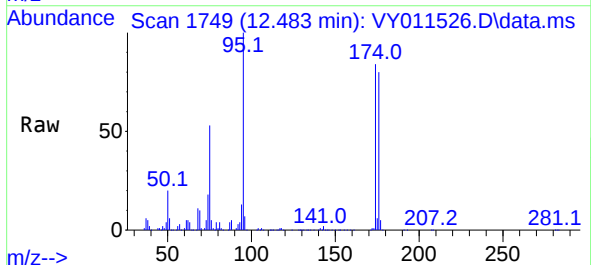
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-02RE

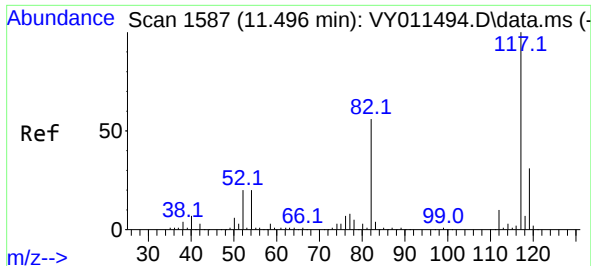
Tgt Ion: 98 Resp: 421992
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion: 95 Resp: 136838
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.9 0.0 175.8

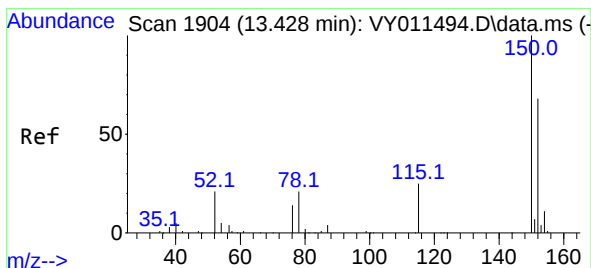
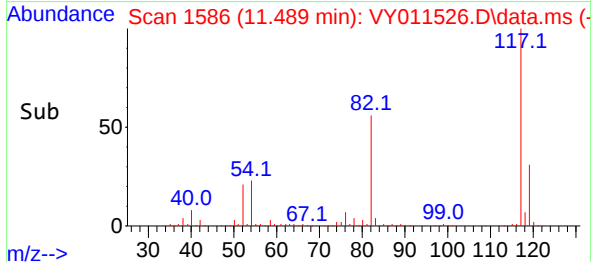
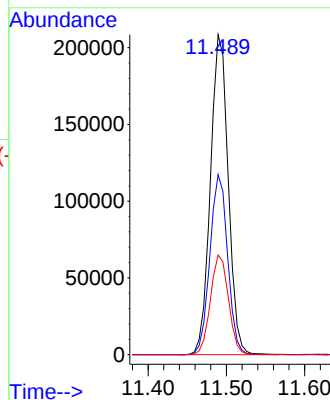
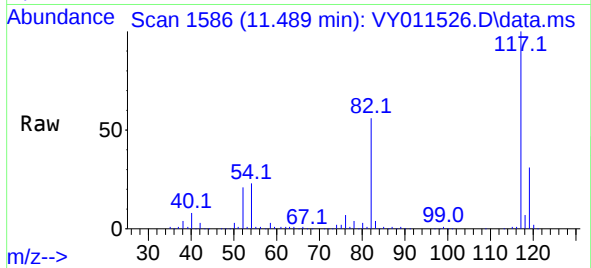




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-02RE

Tgt Ion:117 Resp: 328752
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion:152 Resp: 145608
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 155.7 0.0 347.6

