

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011569.D
 Acq On : 23 Nov 2022 12:50
 Operator : KP/MD
 Sample : N5731-02RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RIGHT-SIDERE

Quant Time: Nov 24 00:37:29 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	73802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49032	65.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.860%
35) Dibromofluoromethane	7.716	113	45858	56.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.840%
50) Toluene-d8	10.179	98	160246	54.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.483	95	45336	41.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.020%

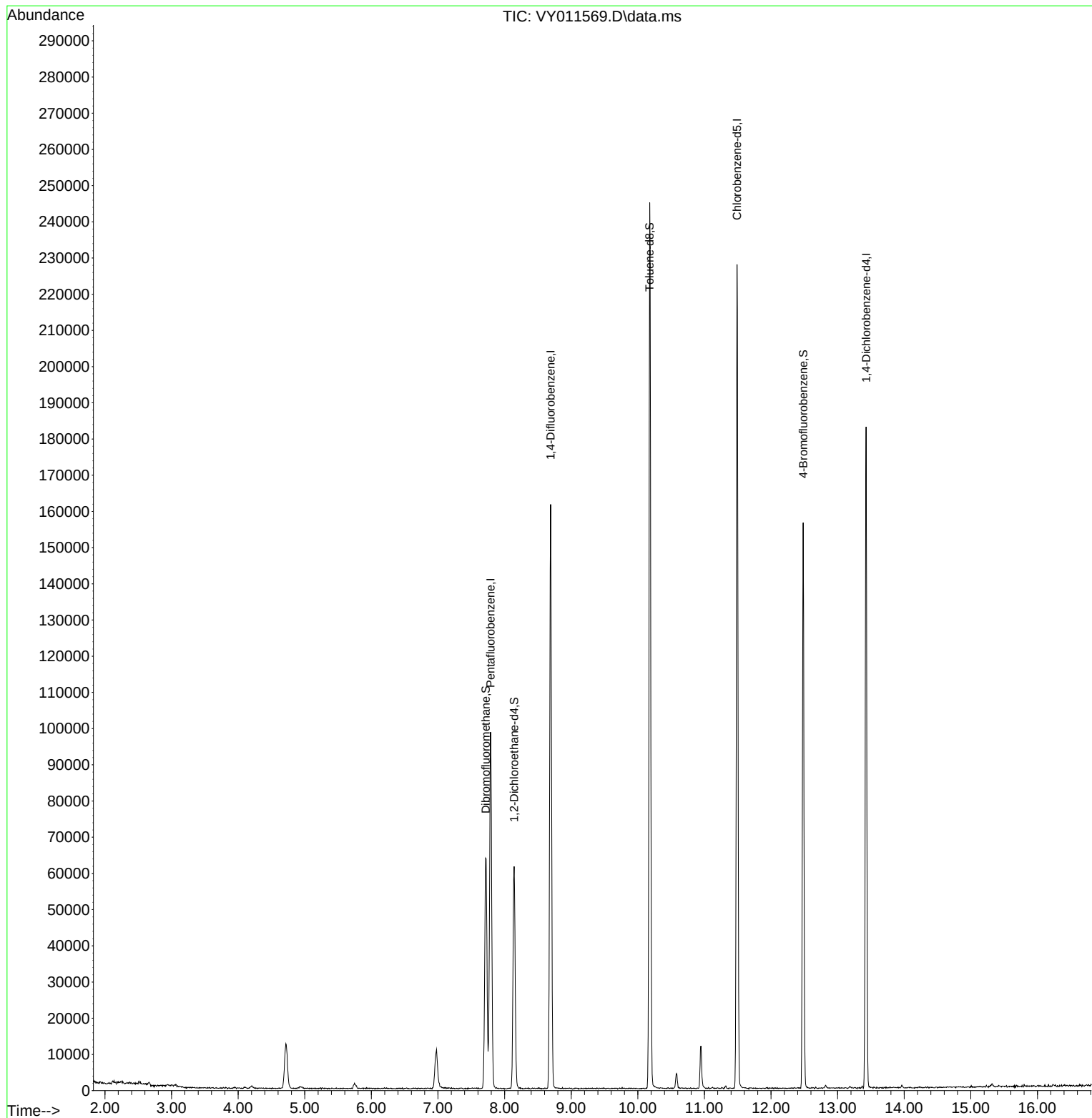
Target Compounds	Qvalue

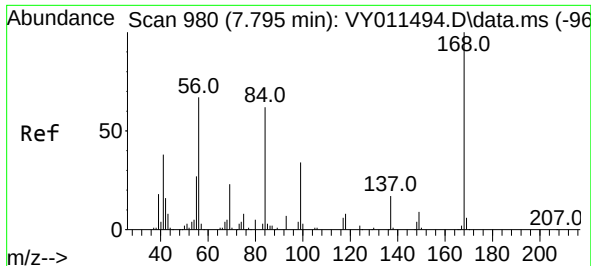
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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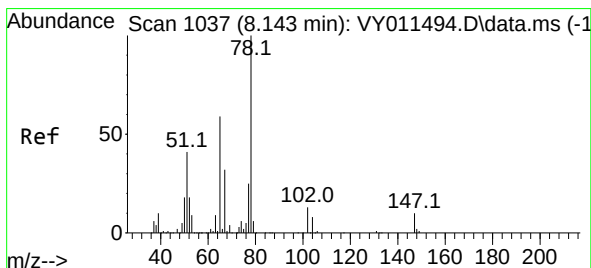
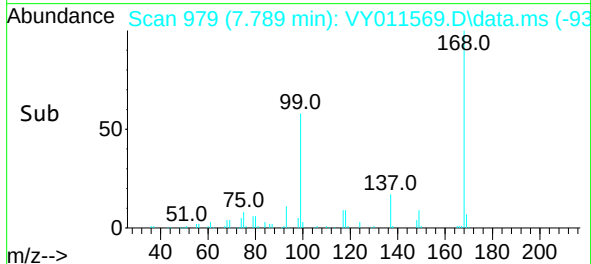
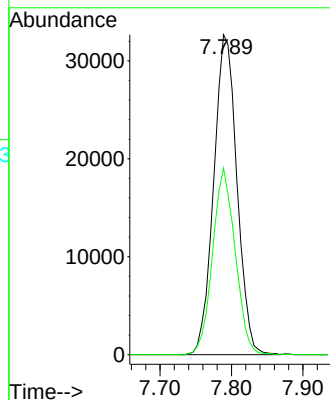
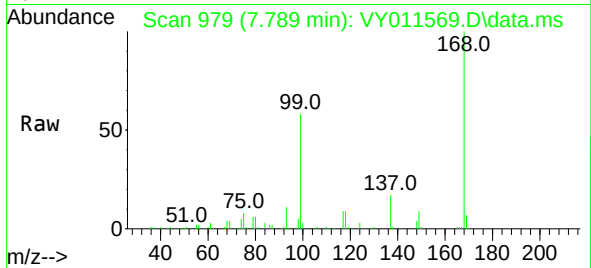




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

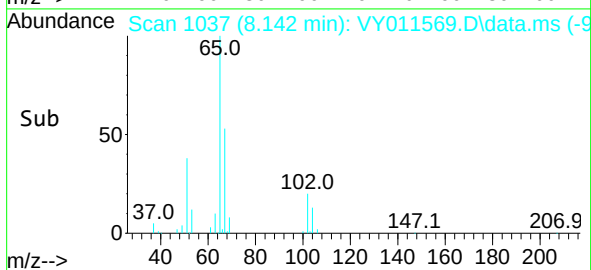
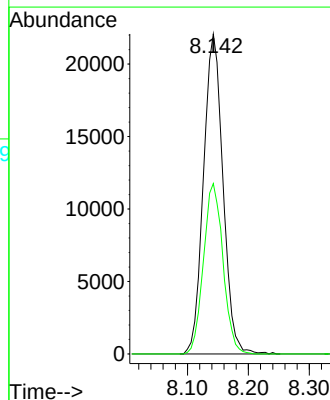
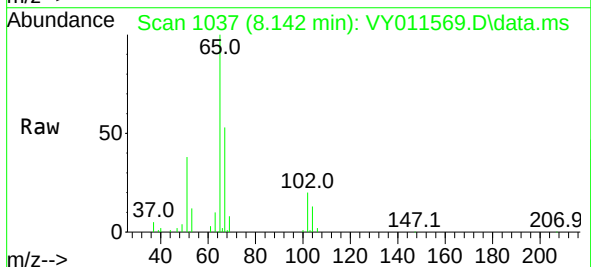
Instrument :
MSVOA_Y
ClientSampleId :
RIGHT-SIDERE

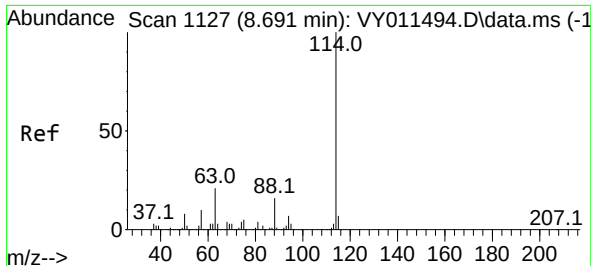
Tgt Ion:168 Resp: 73802
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.430 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 65 Resp: 49032
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

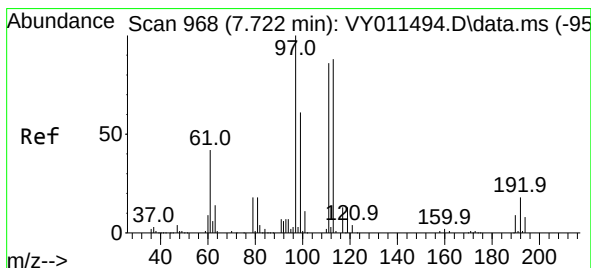
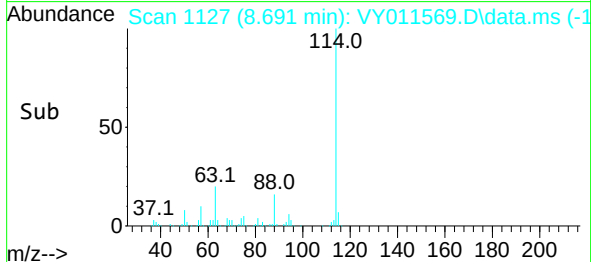
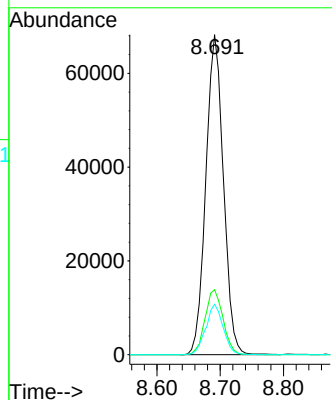
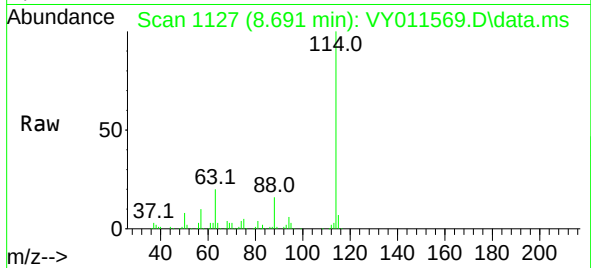




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

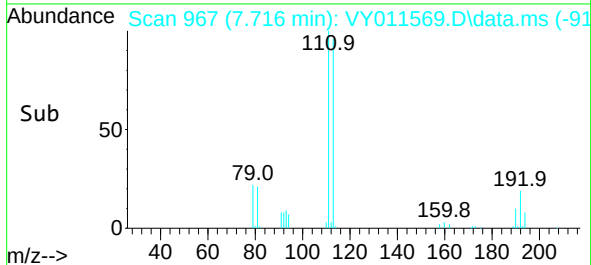
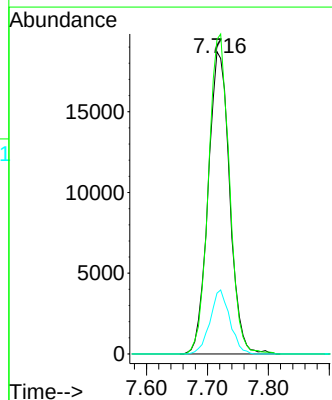
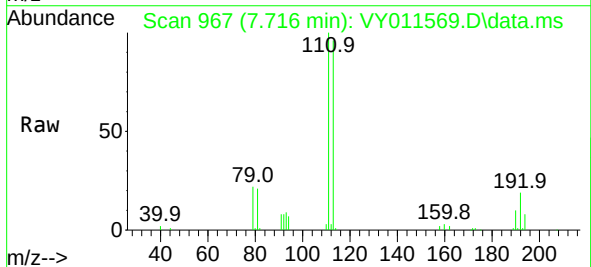
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ClientSampleId :
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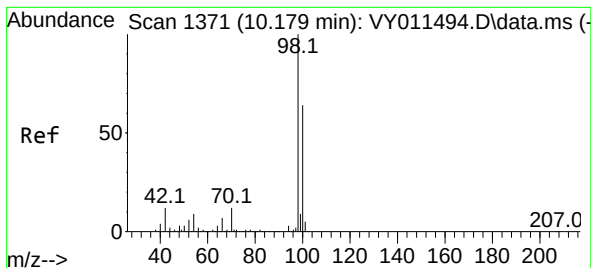
Tgt Ion:114 Resp: 132046
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.415 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion:113 Resp: 45858
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.5 17.6 26.4

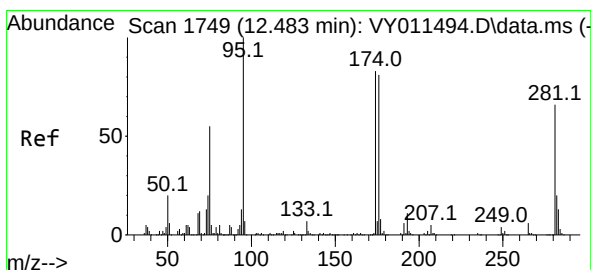
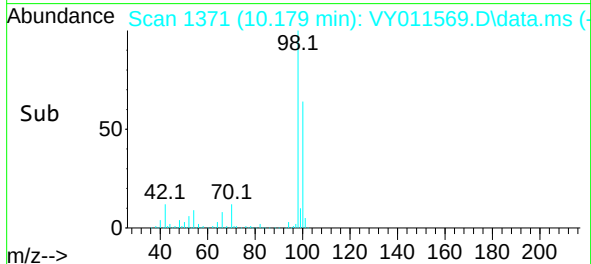
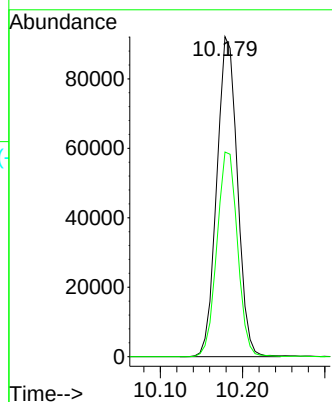
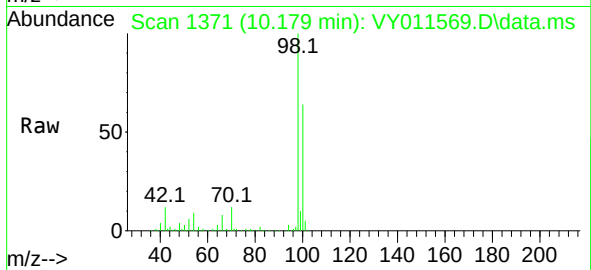




#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

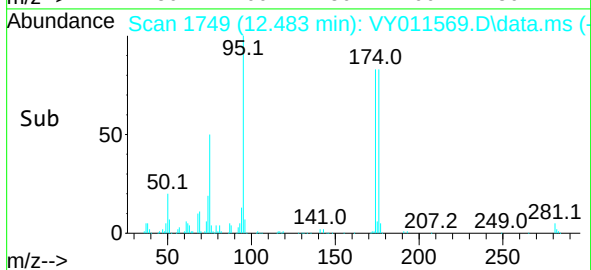
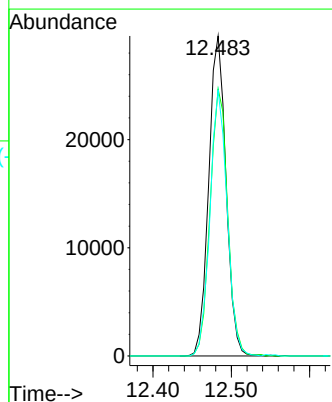
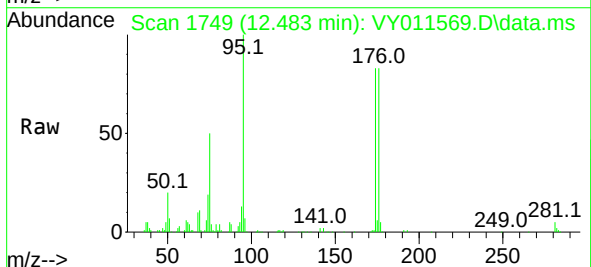
Instrument :
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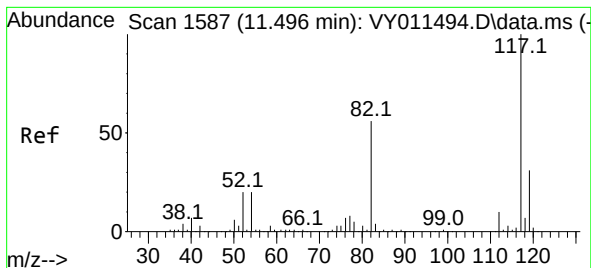
Tgt Ion: 98 Resp: 160246
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 95 Resp: 45336
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.4 0.0 175.8

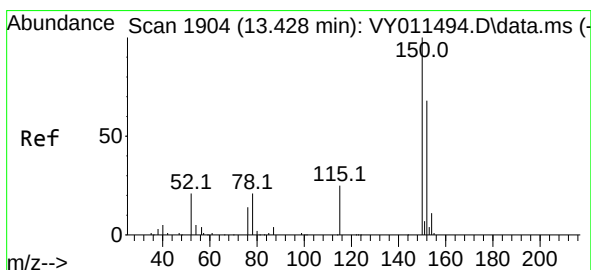
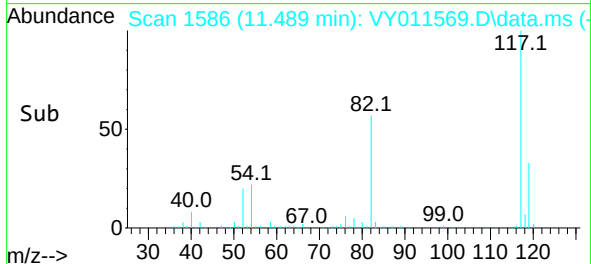
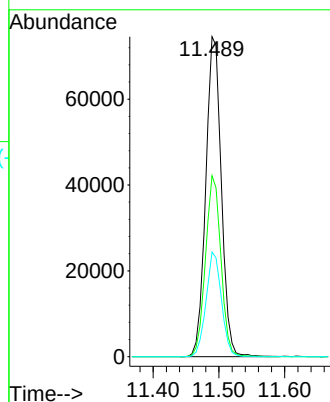
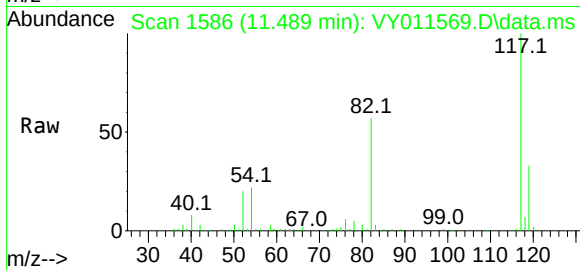




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
RIGHT-SIDERE

Tgt Ion:117 Resp: 122725
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.7 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: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion:152 Resp: 46729
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.5 0.0 347.6

