

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011549.D
 Acq On : 22 Nov 2022 15:38
 Operator : KP/MD
 Sample : N5731-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LEFT-SIDE

Quant Time: Nov 23 04:07:54 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	32119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	56984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27140	83.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.440%#
35) Dibromofluoromethane	7.722	113	22194	62.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.240%
50) Toluene-d8	10.179	98	71547	55.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.200%
62) 4-Bromofluorobenzene	12.483	95	21675	45.151	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.300%

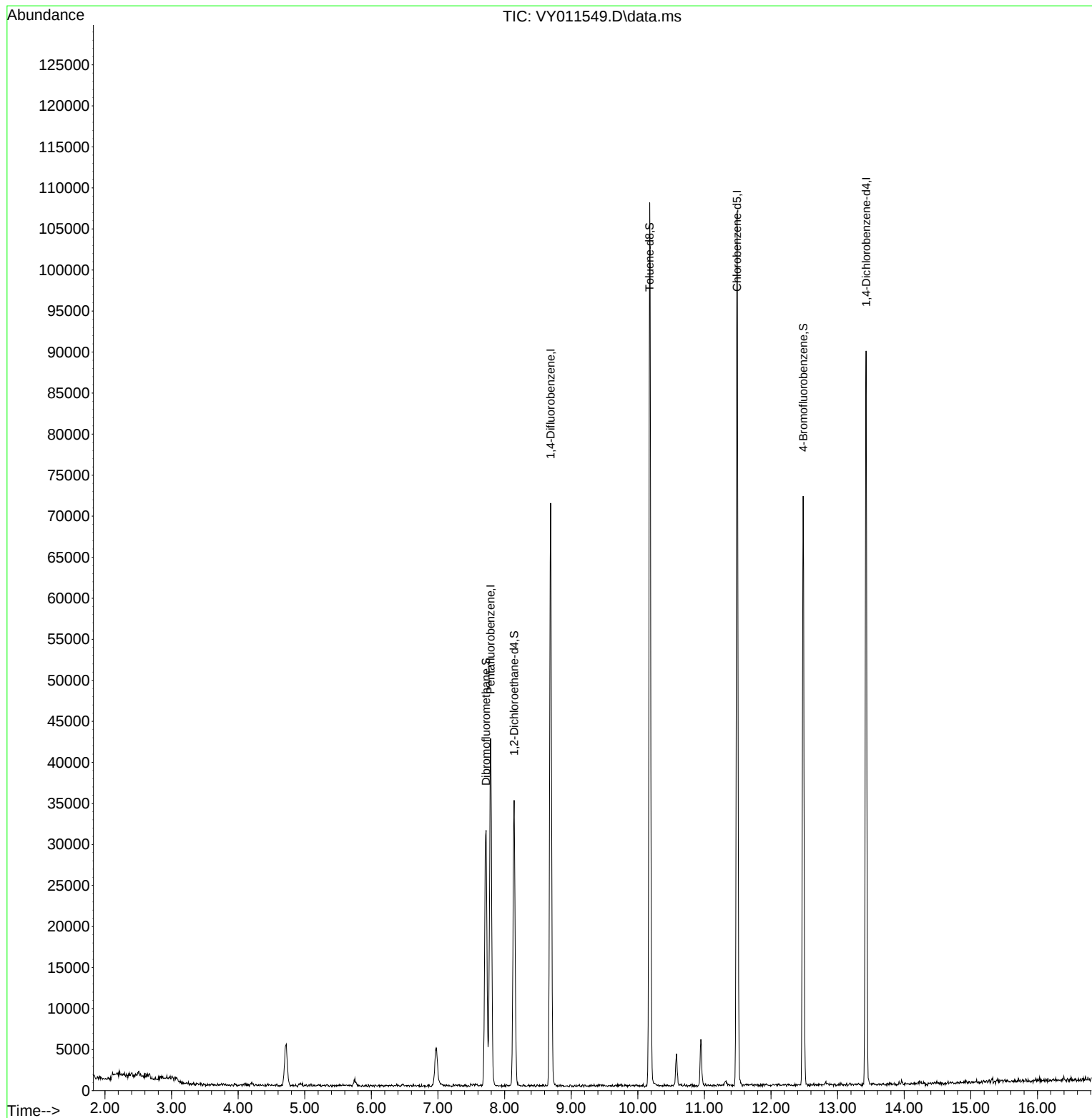
Target Compounds	Qvalue

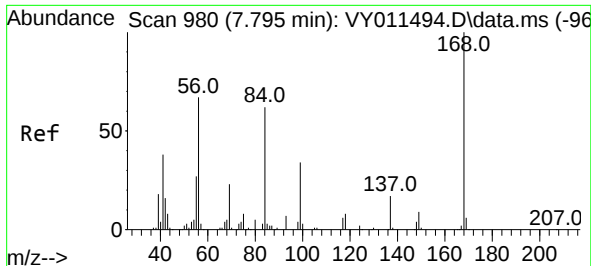
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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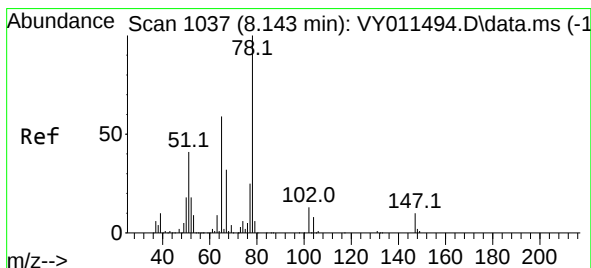
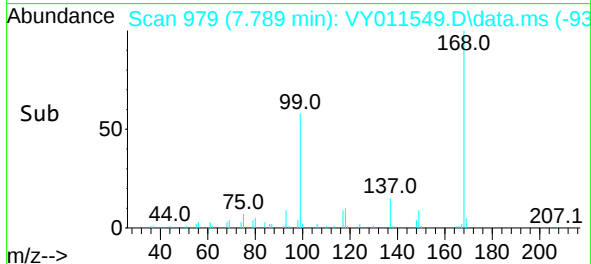
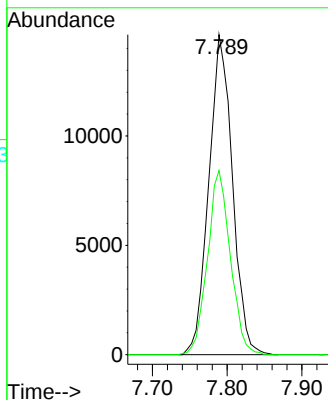
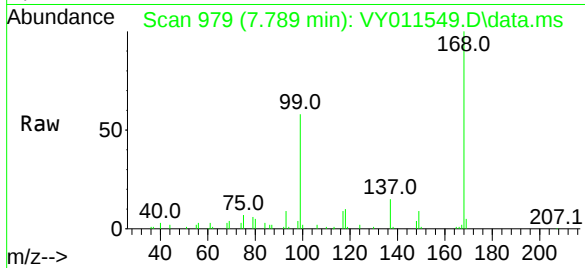




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

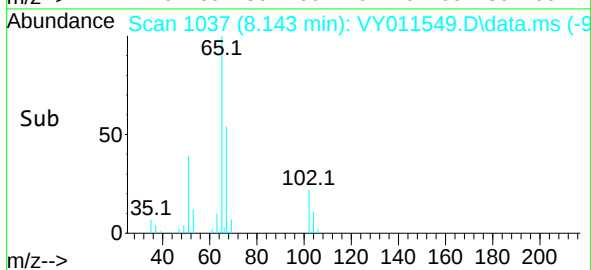
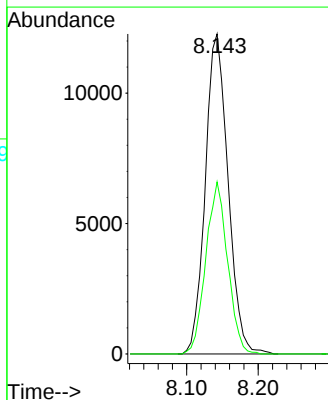
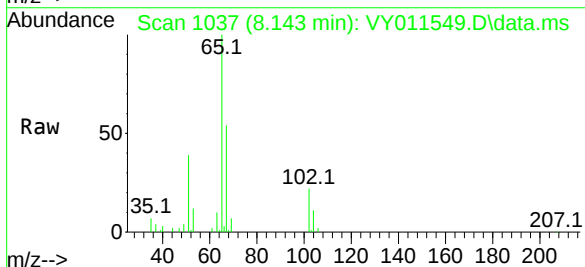
Instrument :
MSVOA_Y
ClientSampleId :
LEFT-SIDE

Tgt Ion:168 Resp: 32119
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 83.217 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 65 Resp: 27140
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4

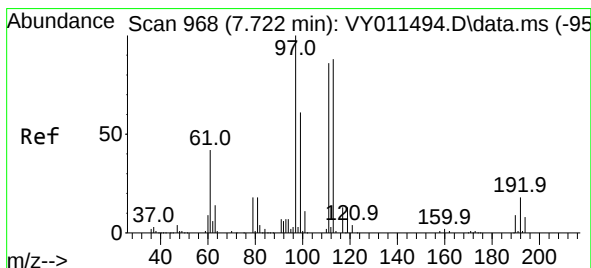
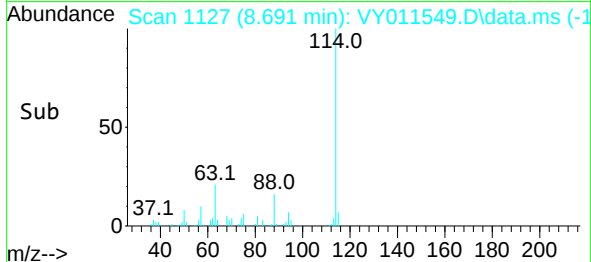
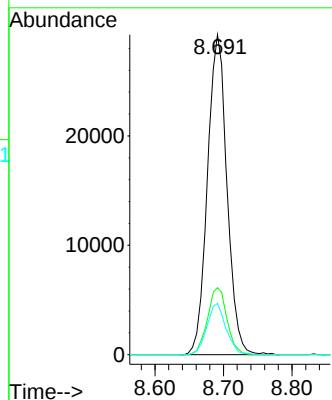
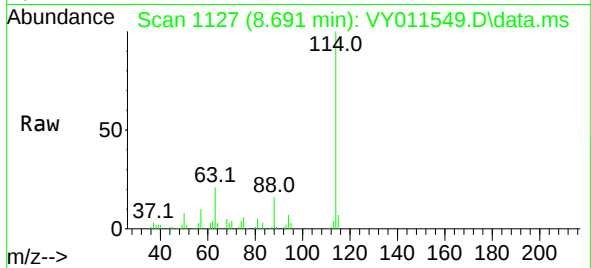




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

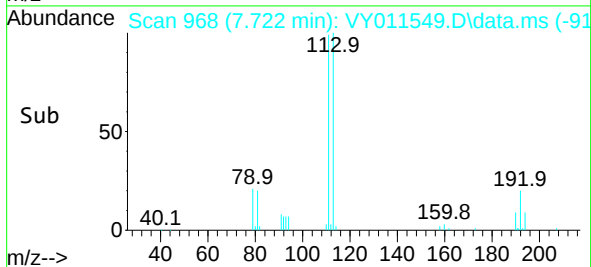
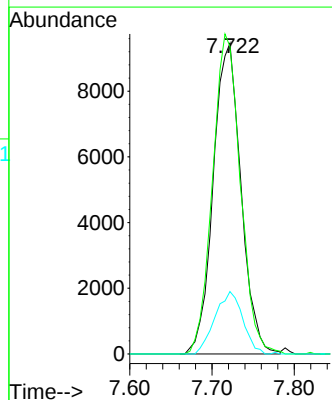
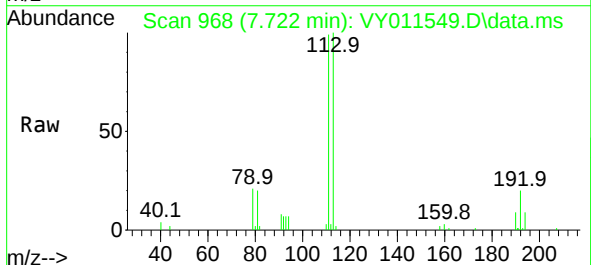
Instrument :
MSVOA_Y
ClientSampleId :
LEFT-SIDE

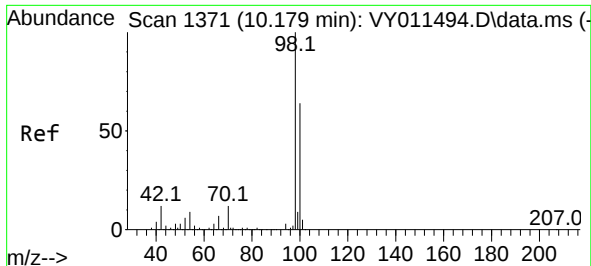
Tgt Ion:	114	Resp:	58042
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	43.2
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 62.115 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion:	113	Resp:	22194
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	124.0
192	20.1	17.6	26.4

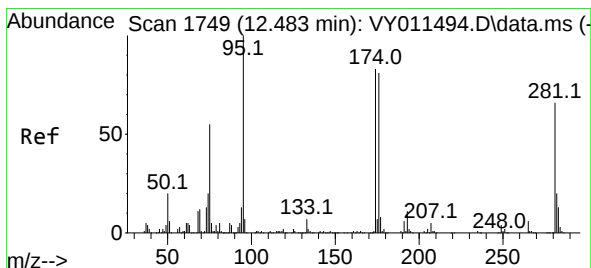
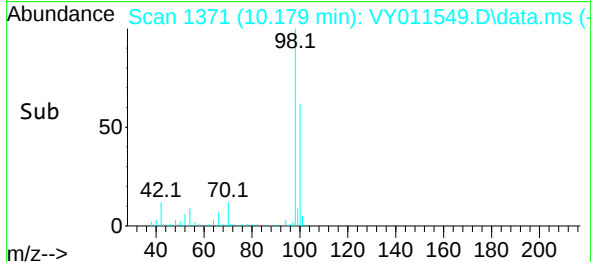
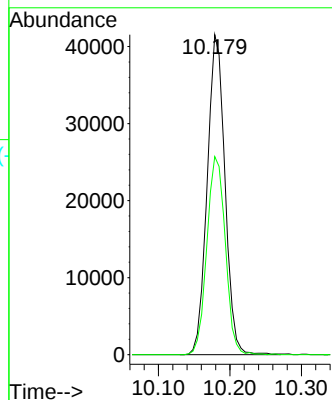
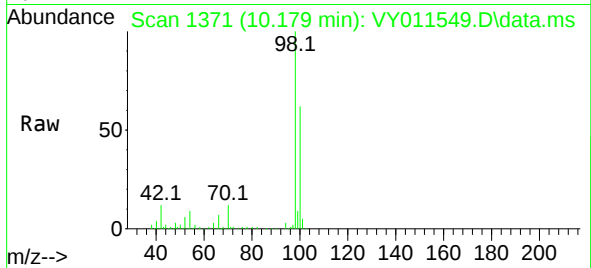




#50
Toluene-d8
Concen: 55.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

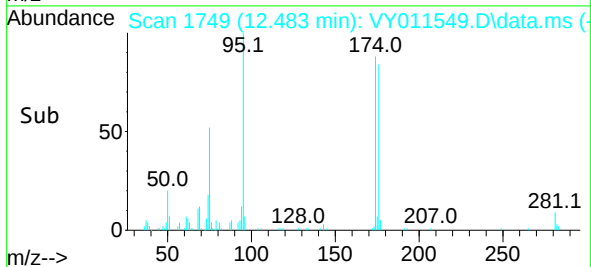
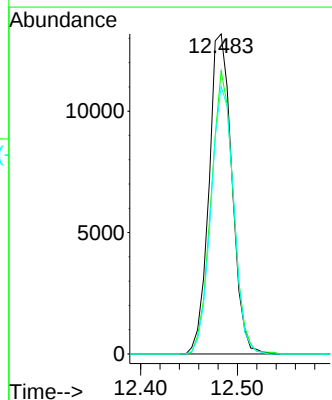
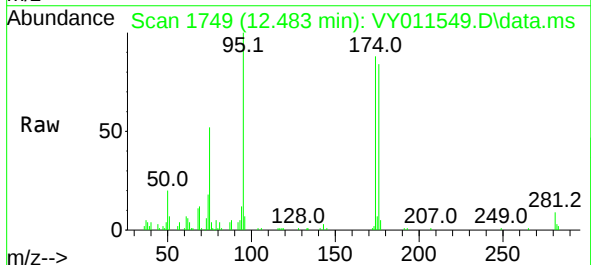
Instrument :
MSVOA_Y
ClientSampleId :
LEFT-SIDE

Tgt Ion: 98 Resp: 71547
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 95 Resp: 21675
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.0 0.0 175.8

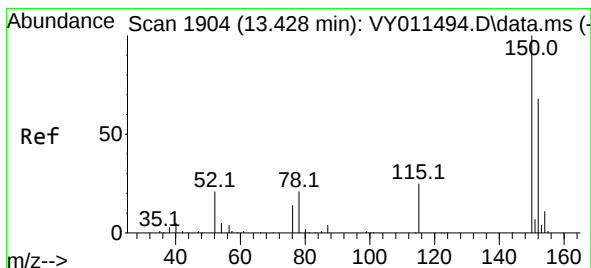
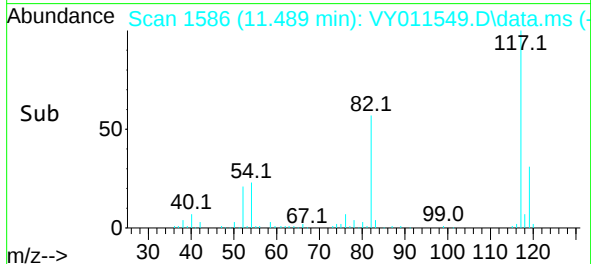
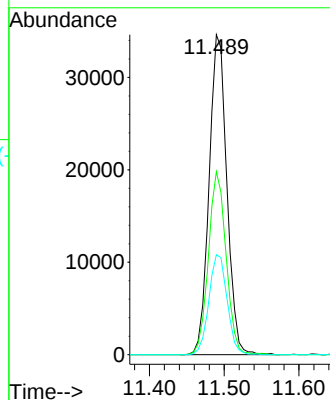
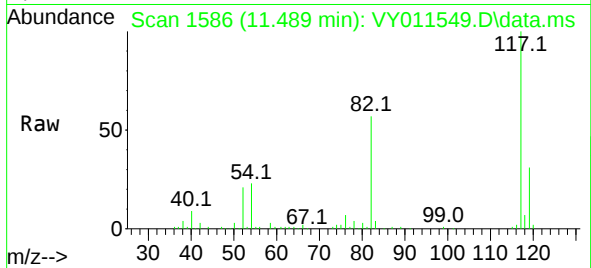




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
LEFT-SIDE

Tgt Ion:117 Resp: 56984
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.3 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: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion:152 Resp: 23314
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 157.5 0.0 347.6

