

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011683.D
 Acq On : 02 Dec 2022 15:11
 Operator : KP/MD
 Sample : N5849-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-120222

Quant Time: Dec 02 23:53:05 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	2621	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	5749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3682	138.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	276.700%#
35) Dibromofluoromethane	7.710	113	1120	31.647	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.300%
50) Toluene-d8	10.179	98	6794	52.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.660%
62) 4-Bromofluorobenzene	12.483	95	2199	46.247	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%

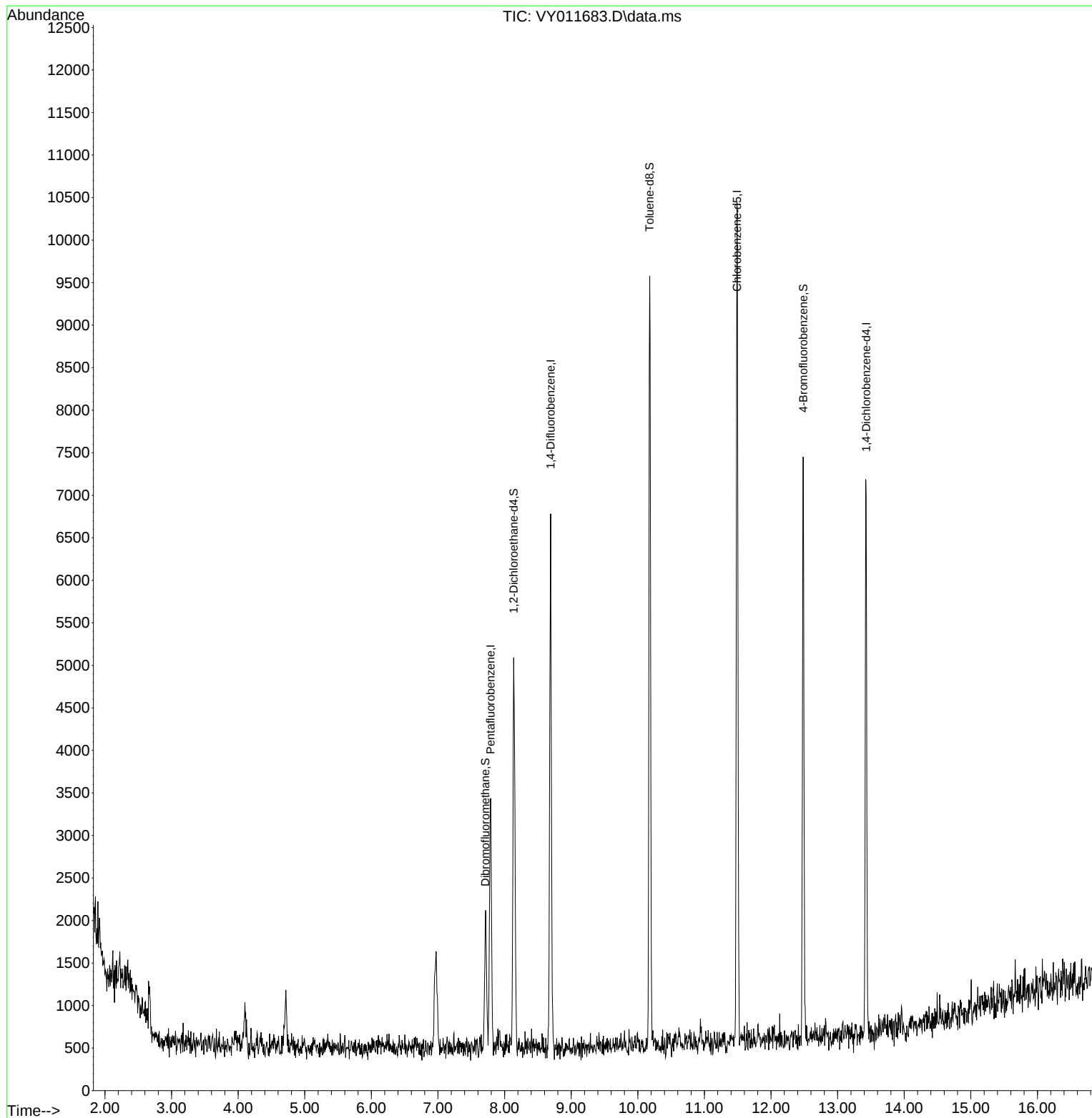
Target Compounds Qvalue

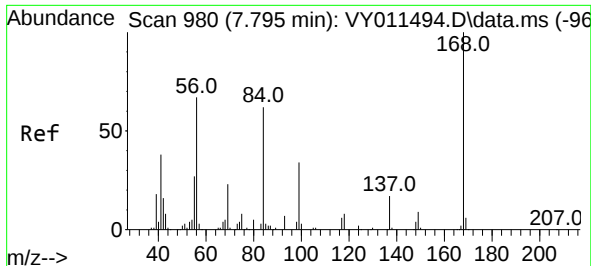
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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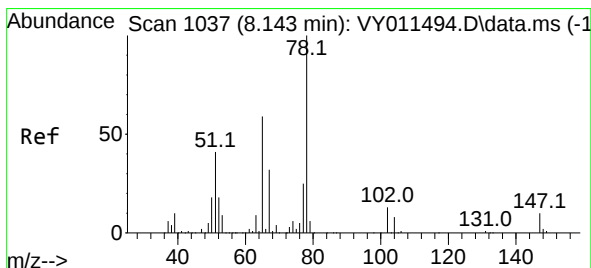
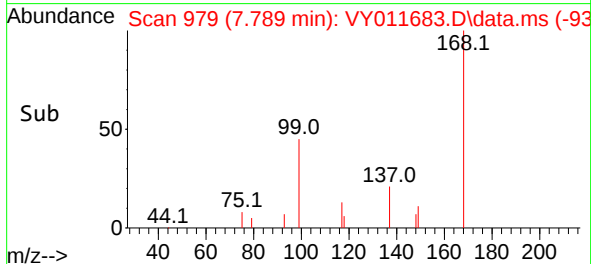
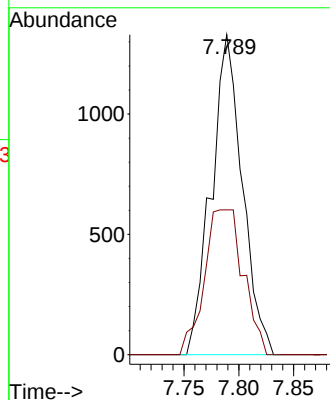
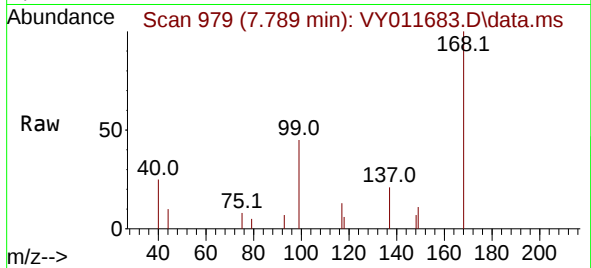




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

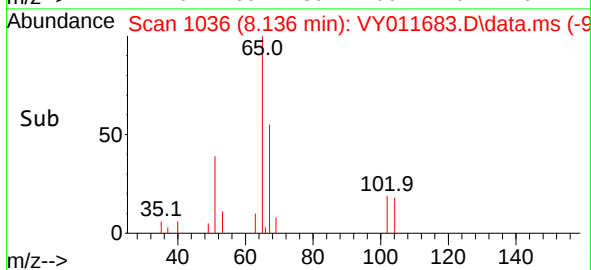
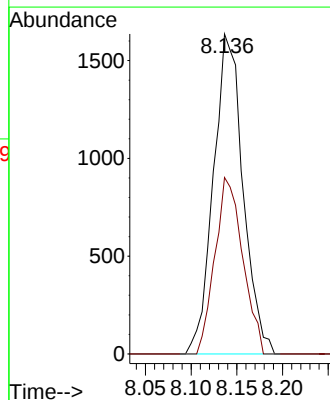
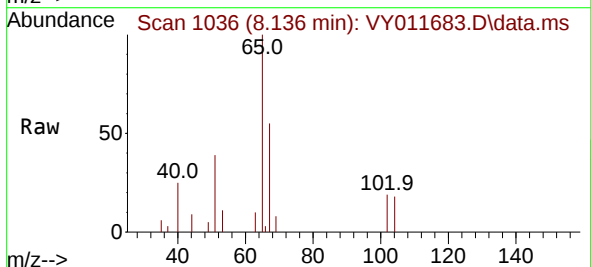
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-120222

Tgt Ion:168 Resp: 2621
Ion Ratio Lower Upper
168 100
99 45.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 138.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

Tgt Ion: 65 Resp: 3682
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

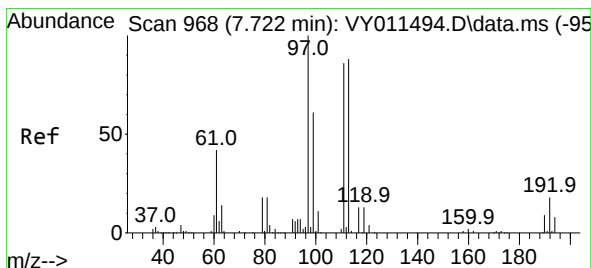
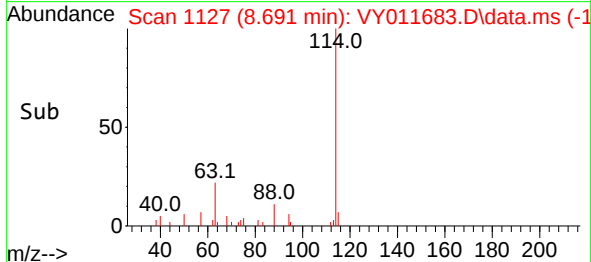
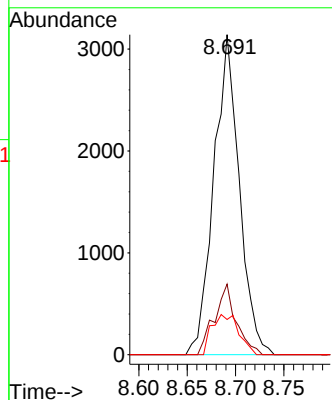
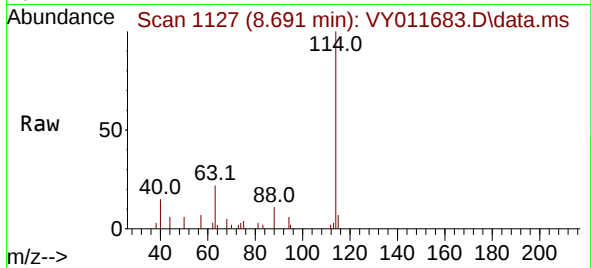




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

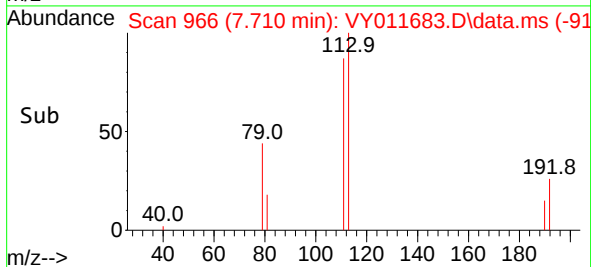
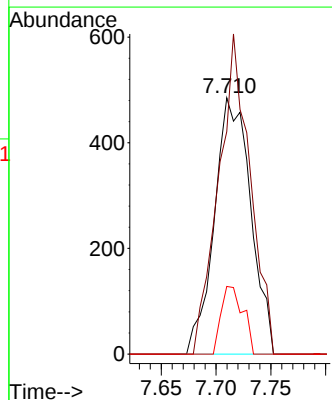
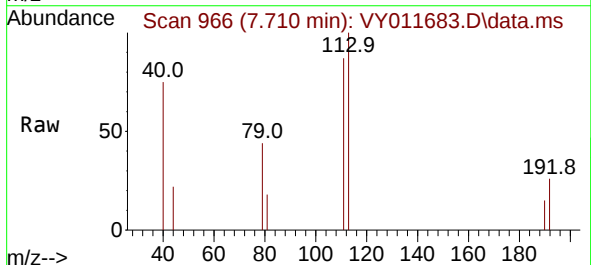
Instrument :
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ClientSampleId :
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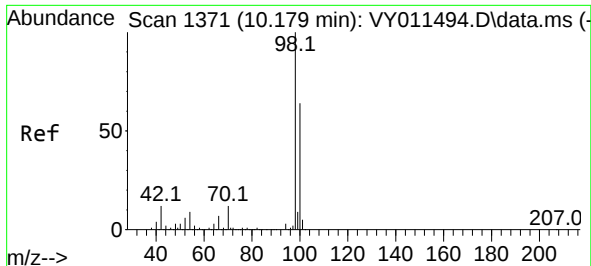
Tgt Ion:	114	Resp:	5749
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	11.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 31.647 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

Tgt Ion:	113	Resp:	1120
Ion	Ratio	Lower	Upper
113	100		
111	108.3	82.6	124.0
192	15.8	17.6	26.4

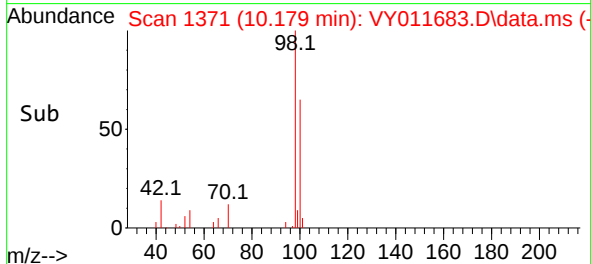
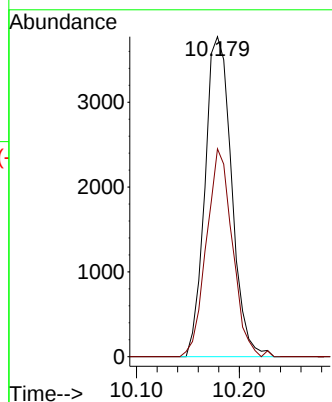
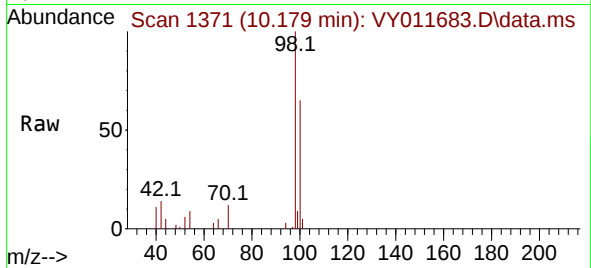




#50
Toluene-d8
Concen: 52.828 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

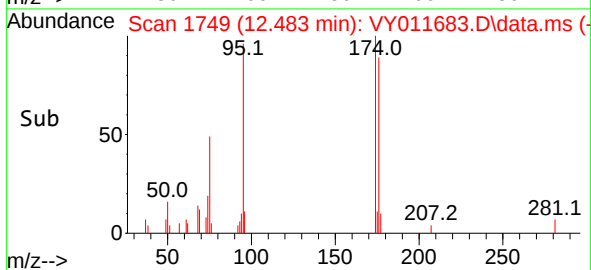
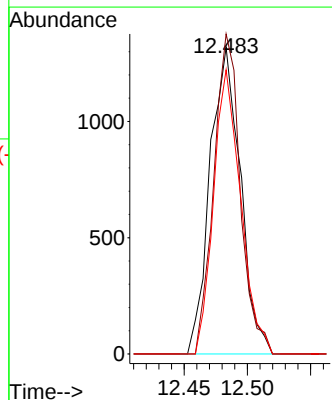
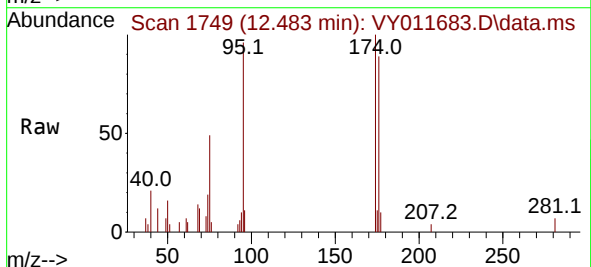
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-120222

Tgt Ion: 98 Resp: 6794
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

Tgt Ion: 95 Resp: 2199
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 83.0 0.0 175.8

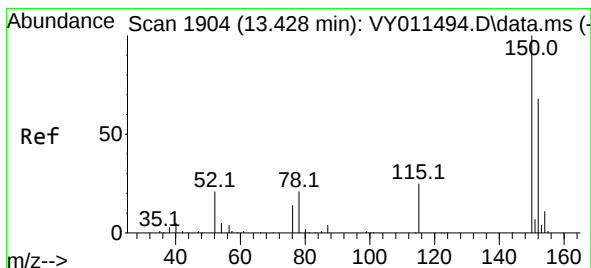
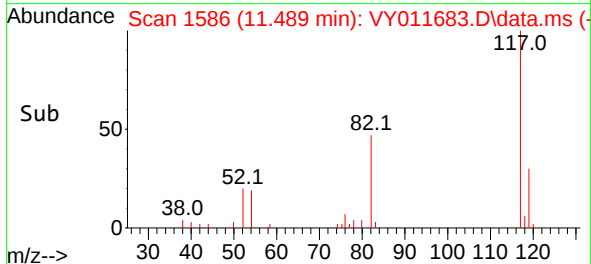
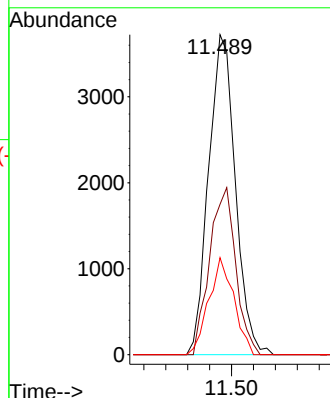
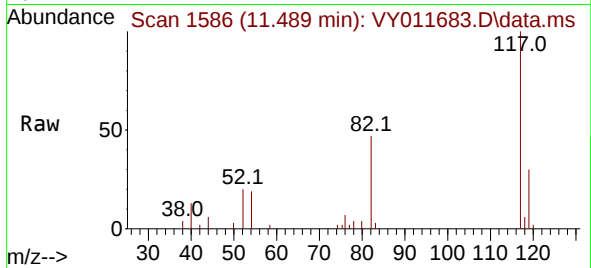




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011683.D
Acq: 02 Dec 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-5-120222

Tgt Ion:117	Resp:	6304
Ion	Ratio	Lower Upper
117	100	
82	47.0	43.0 64.4
119	30.3	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: VY011683.D
Acq: 02 Dec 2022 15:11

Tgt Ion:152	Resp:	1913
Ion	Ratio	Lower Upper
152	100	
115	65.2	28.2 84.7
150	174.8	0.0 347.6

