

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011619.D
 Acq On : 29 Nov 2022 14:00
 Operator : KP/MD
 Sample : N5796-01
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15

Quant Time: Nov 30 04:42:51 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	7.795	168	203095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139127	67.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.920%
35) Dibromofluoromethane	7.722	113	122483	52.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.179	98	462457	54.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.483	95	152822	48.744	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.480%

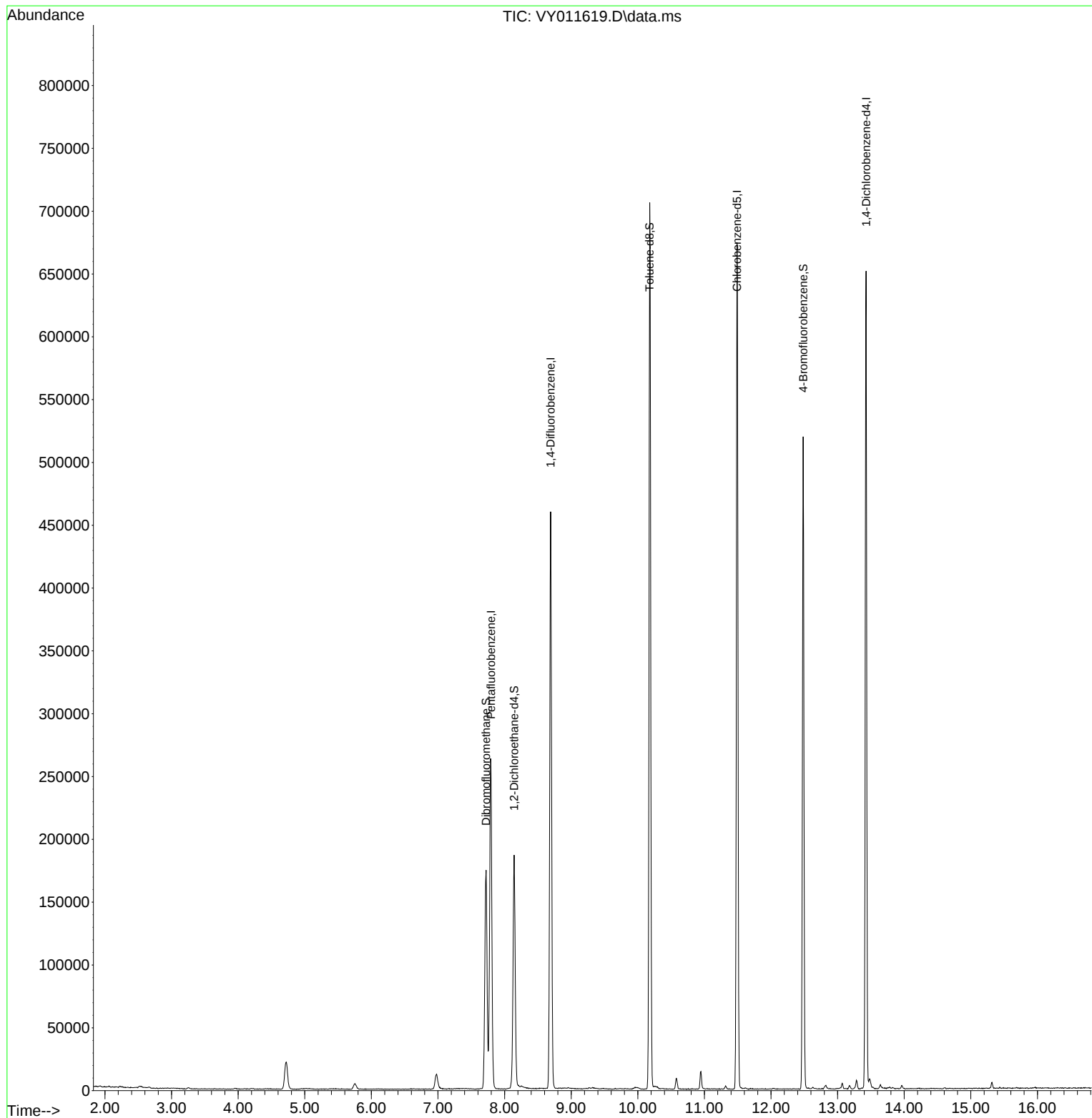
Target Compounds	Qvalue

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

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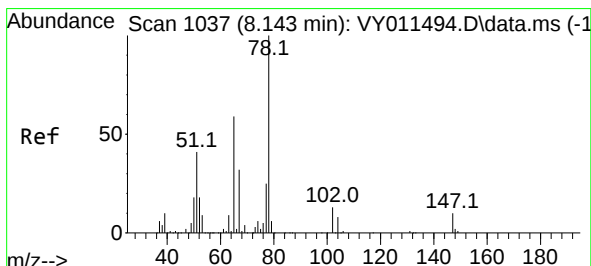
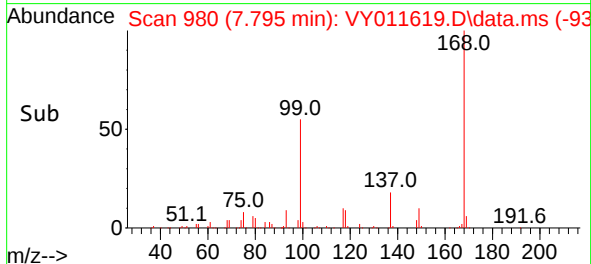
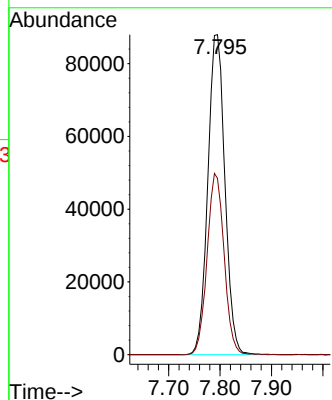
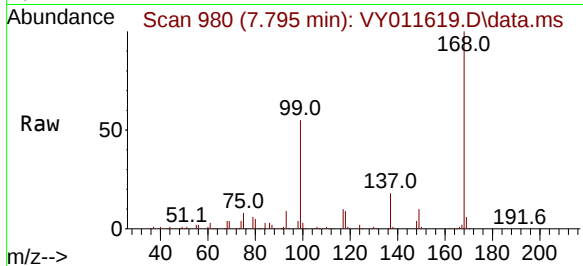




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

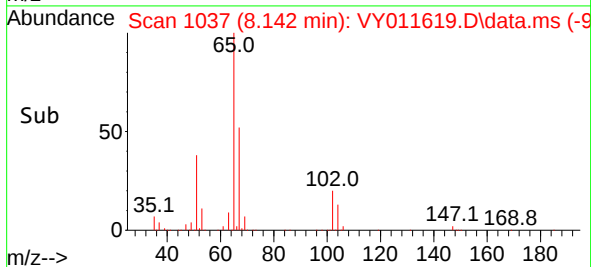
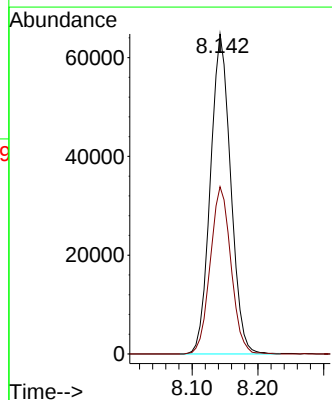
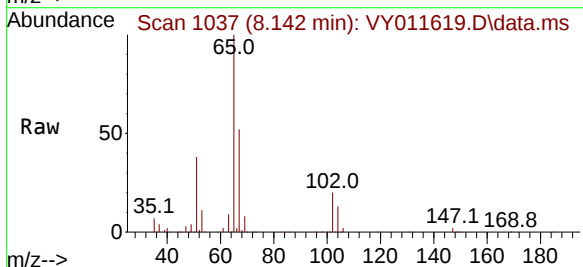
Instrument :
MSVOA_Y
ClientSampleId :
MH-15

Tgt Ion:168 Resp: 203095
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.465 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

Tgt Ion: 65 Resp: 139127
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

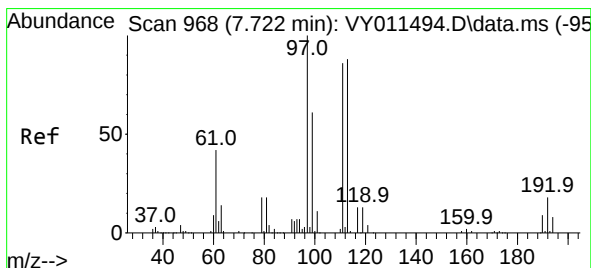
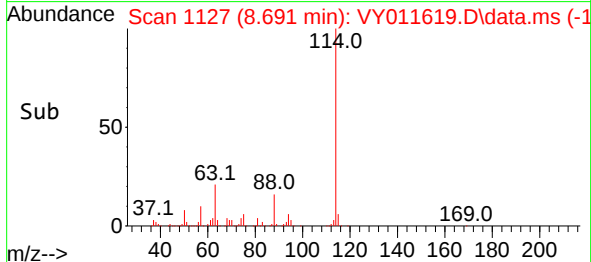
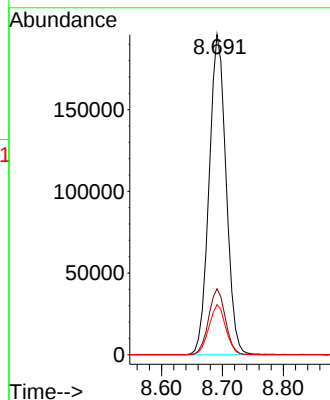
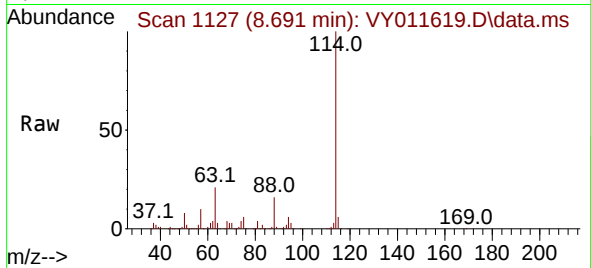




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

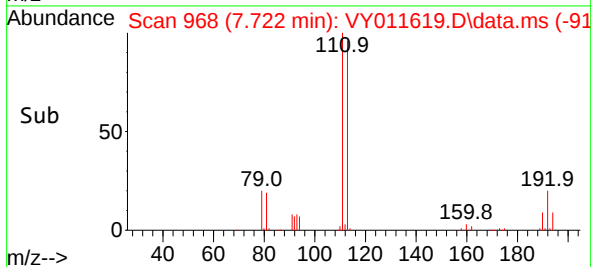
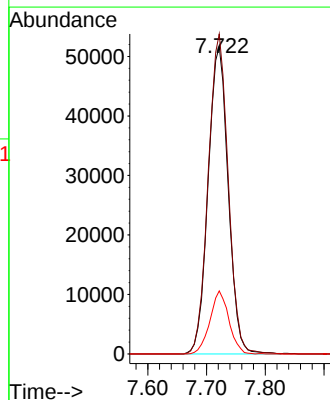
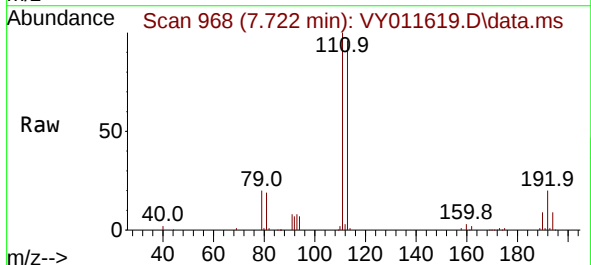
Instrument :
MSVOA_Y
ClientSampleId :
MH-15

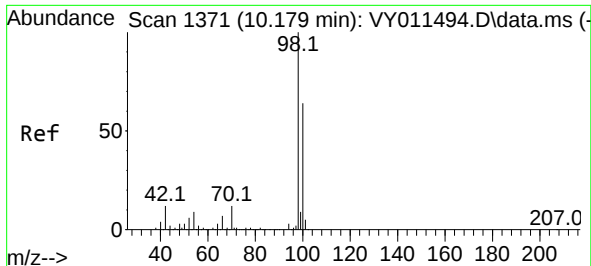
Tgt Ion:	114	Resp:	379065
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	15.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

Tgt Ion:	113	Resp:	122483
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	19.4	17.6	26.4

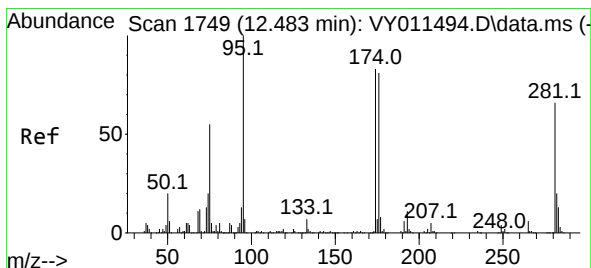
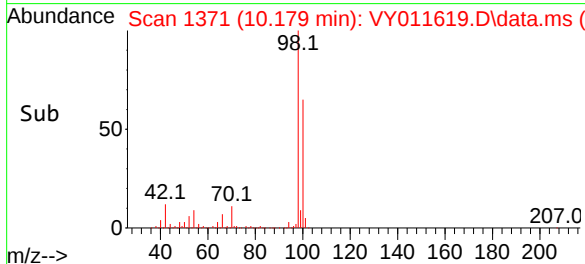
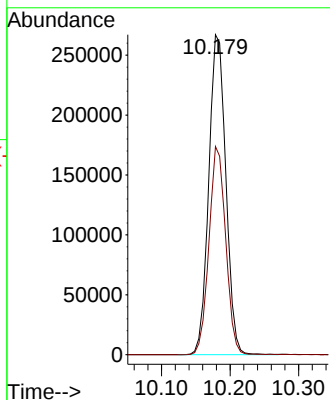
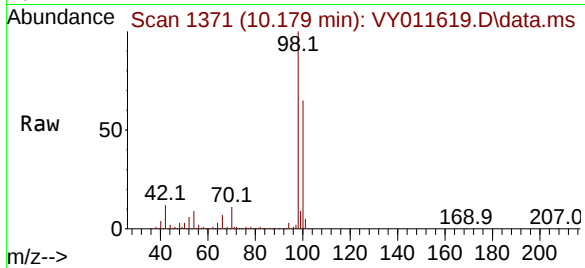




#50
Toluene-d8
Concen: 54.537 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

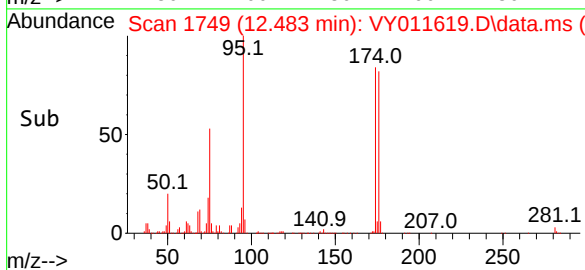
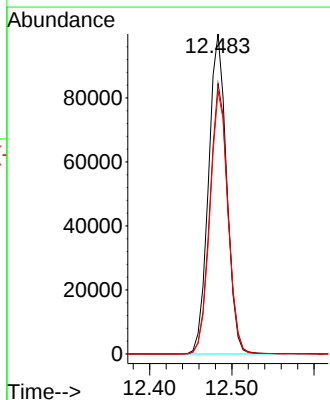
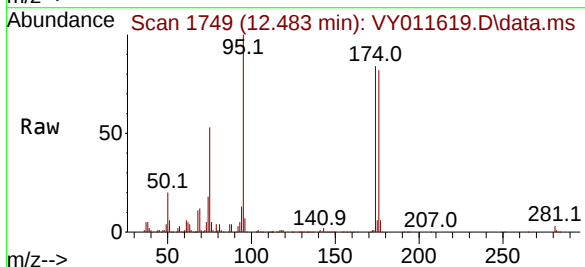
Instrument :
MSVOA_Y
ClientSampleId :
MH-15

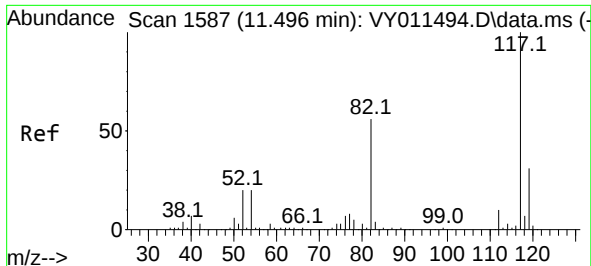
Tgt Ion: 98 Resp: 462457
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

Tgt Ion: 95 Resp: 152822
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.6 0.0 175.8

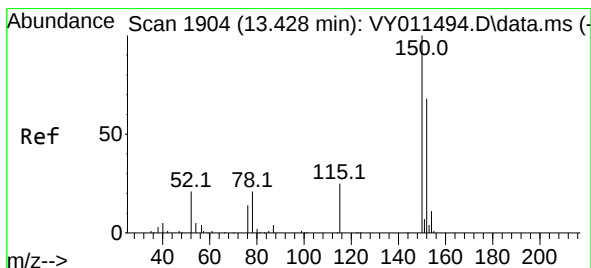
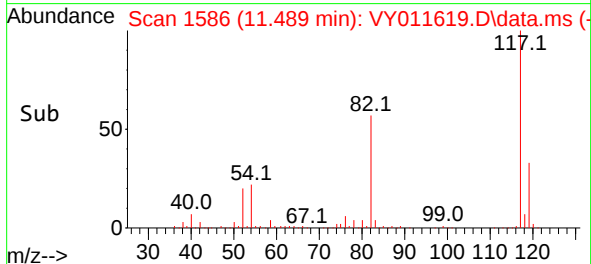
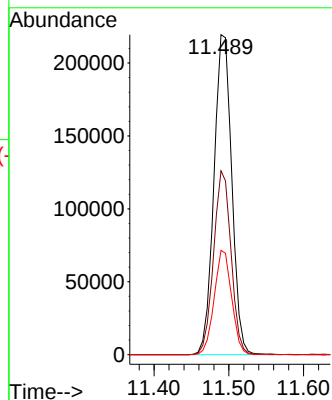
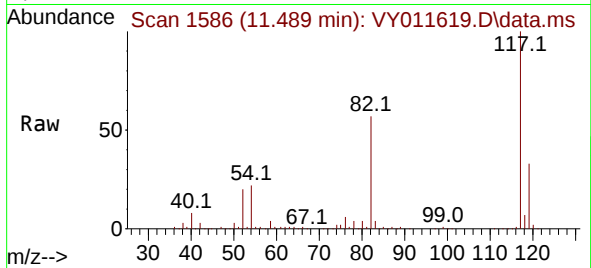




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011619.D
Acq: 29 Nov 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :
MH-15

Tgt Ion:117 Resp: 364894
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 32.6 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: VY011619.D
Acq: 29 Nov 2022 14:00

Tgt Ion:152 Resp: 162021
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 157.8 0.0 347.6

