

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011693.D
 Acq On : 05 Dec 2022 13:55
 Operator : KP/MD
 Sample : N5870-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-3

Quant Time: Dec 06 00:36:25 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	34969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19121	53.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.716	113	18238	55.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.100%
50) Toluene-d8	10.179	98	63702	52.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.483	95	15469	34.753	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.500%

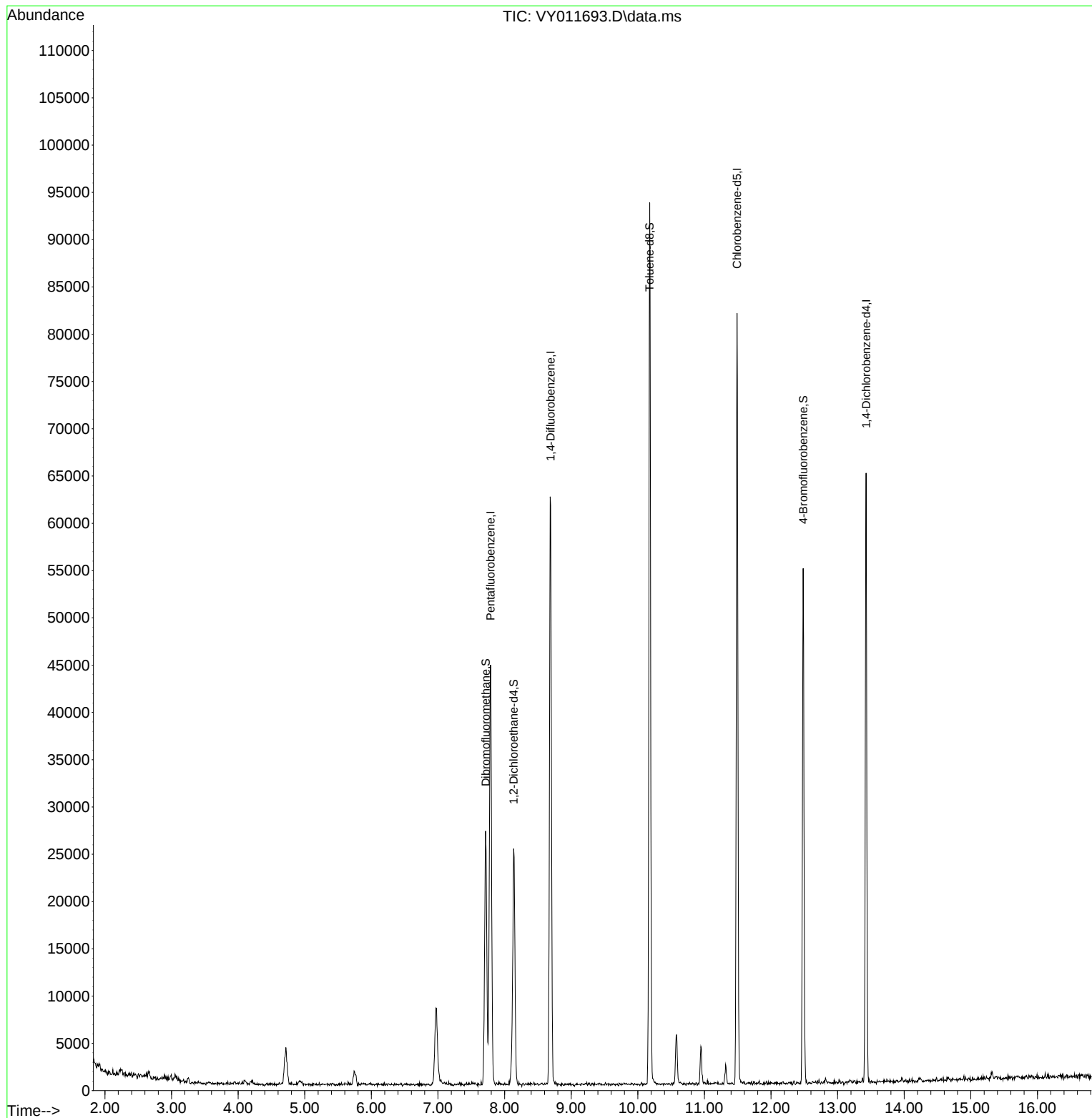
Target Compounds	Qvalue

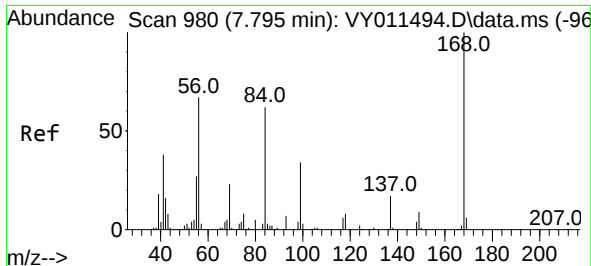
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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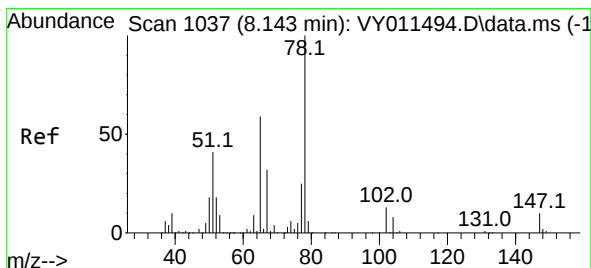
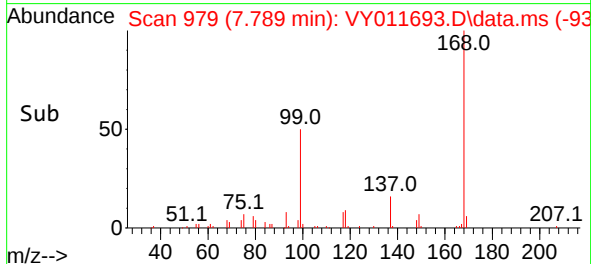
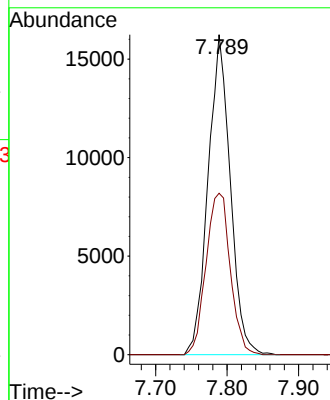
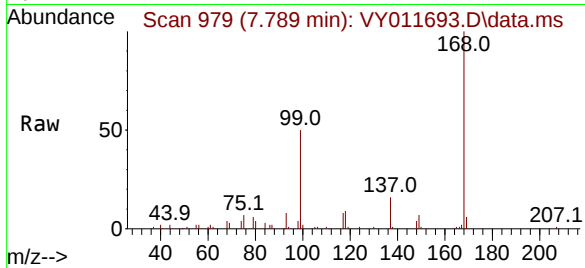




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011693.D
Acq: 05 Dec 2022 13:55

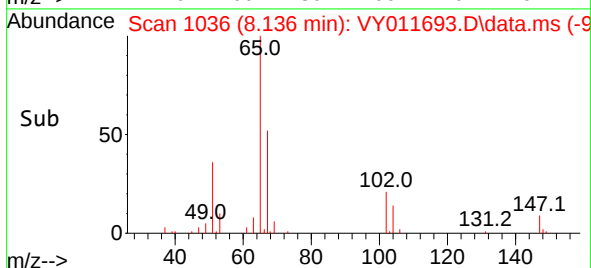
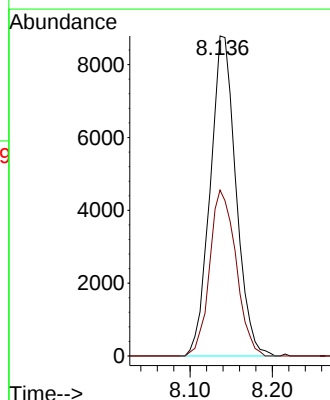
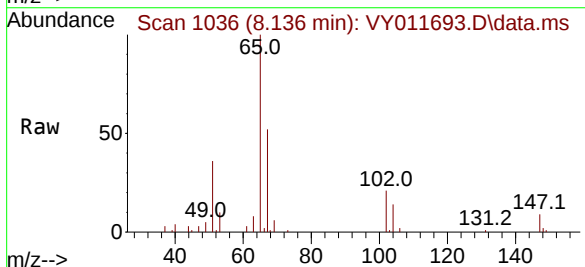
Instrument :
MSVOA_Y
ClientSampleId :
ML-3

Tgt Ion:168 Resp: 34969
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.851 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011693.D
Acq: 05 Dec 2022 13:55

Tgt Ion: 65 Resp: 19121
Ion Ratio Lower Upper
65 100
67 53.0 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: VY011693.D

Acq: 05 Dec 2022 13:55

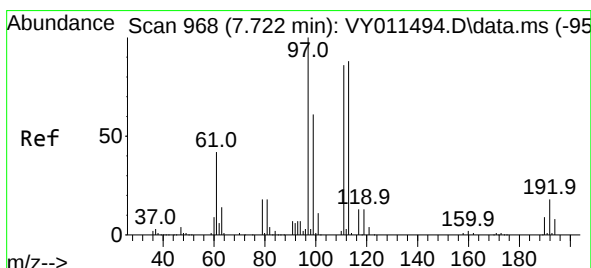
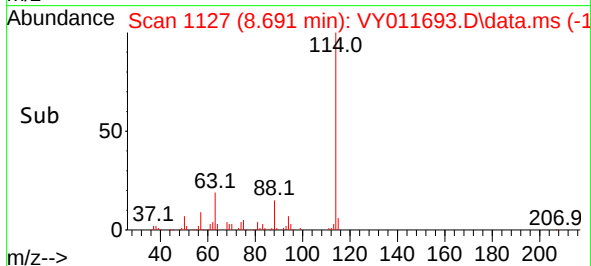
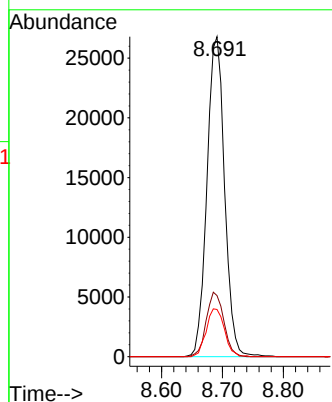
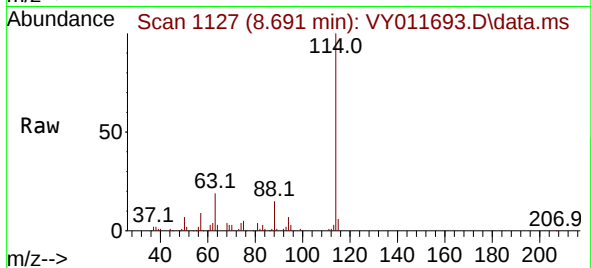
Instrument :

MSVOA_Y

ClientSampleId :

ML-3

Tgt Ion:	114	Resp:	53816
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	43.2
88	14.8	0.0	31.8



#35

Dibromofluoromethane

Concen: 55.052 ug/l

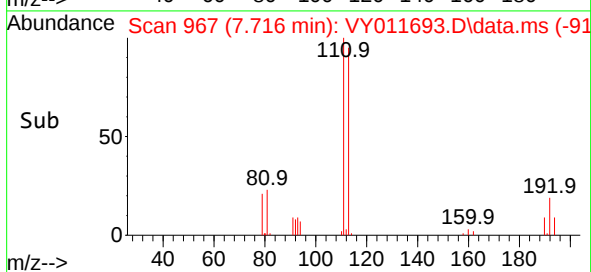
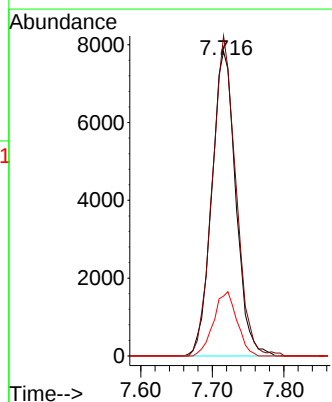
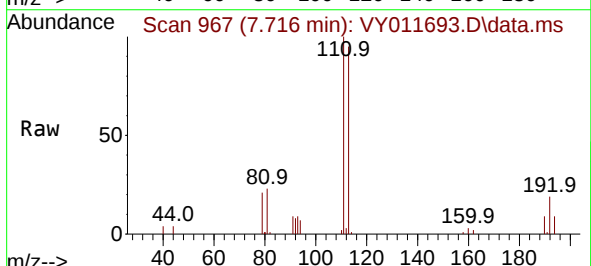
RT: 7.716 min Scan# 967

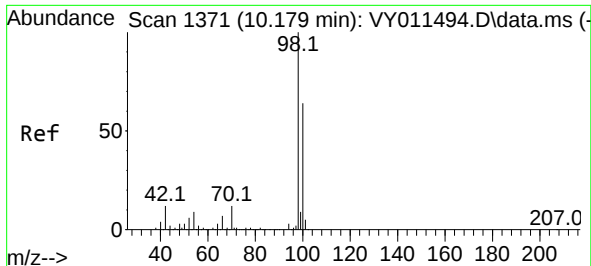
Delta R.T. -0.006 min

Lab File: VY011693.D

Acq: 05 Dec 2022 13:55

Tgt Ion:	113	Resp:	18238
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	124.0
192	20.5	17.6	26.4

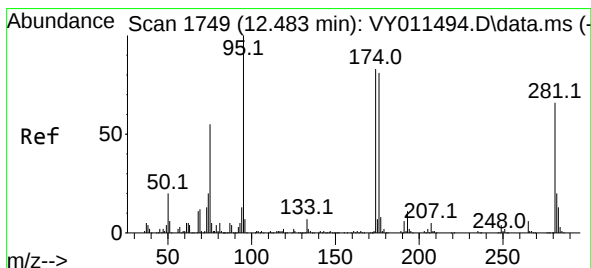
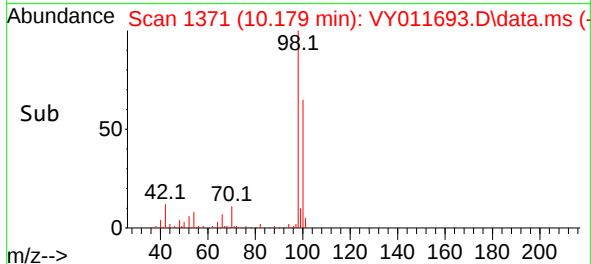
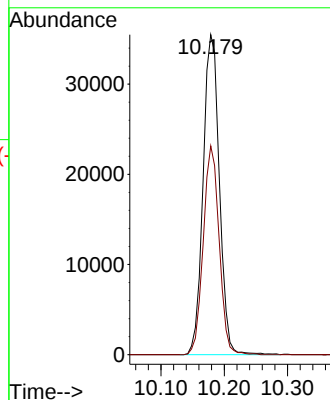
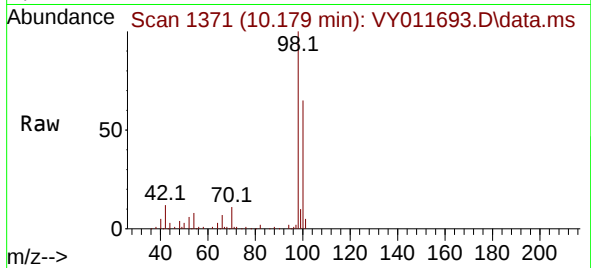




#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011693.D
Acq: 05 Dec 2022 13:55

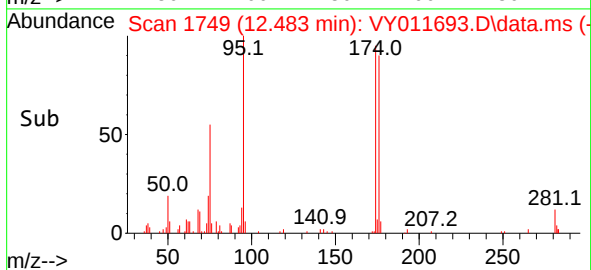
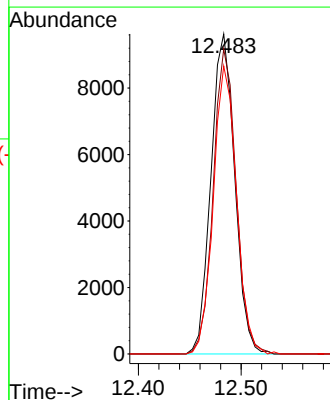
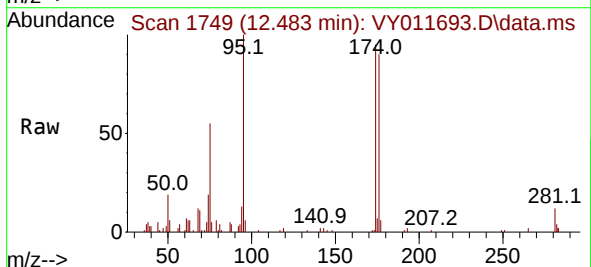
Instrument :
MSVOA_Y
ClientSampleId :
ML-3

Tgt Ion: 98 Resp: 63702
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011693.D
Acq: 05 Dec 2022 13:55

Tgt Ion: 95 Resp: 15469
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 87.6 0.0 175.8

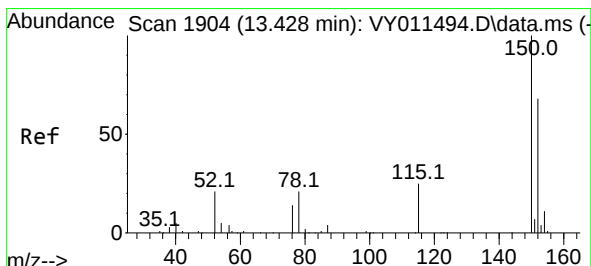
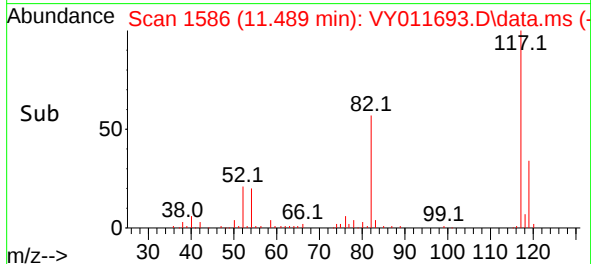
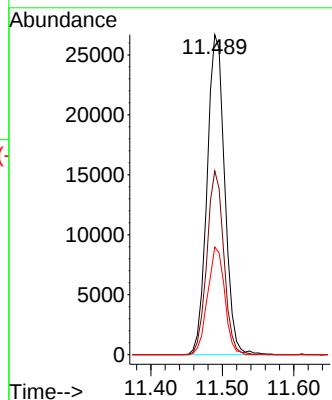
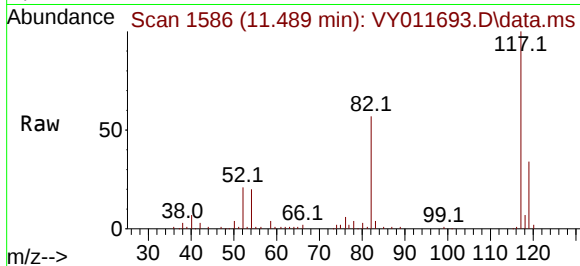




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011693.D
Acq: 05 Dec 2022 13:55

Instrument :
MSVOA_Y
ClientSampleId :
ML-3

Tgt Ion:117 Resp: 45600
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 33.7 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: VY011693.D
Acq: 05 Dec 2022 13:55

Tgt Ion:152 Resp: 17061
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 153.1 0.0 347.6

