

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011226.D
 Acq On : 01 Nov 2022 16:50
 Operator : KP/MD
 Sample : N5374-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-102822

Quant Time: Nov 02 01:43:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	219455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140082	59.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.710	113	148398	61.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.600%
50) Toluene-d8	10.179	98	510632	54.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.660%
62) 4-Bromofluorobenzene	12.477	95	165162	50.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.240%

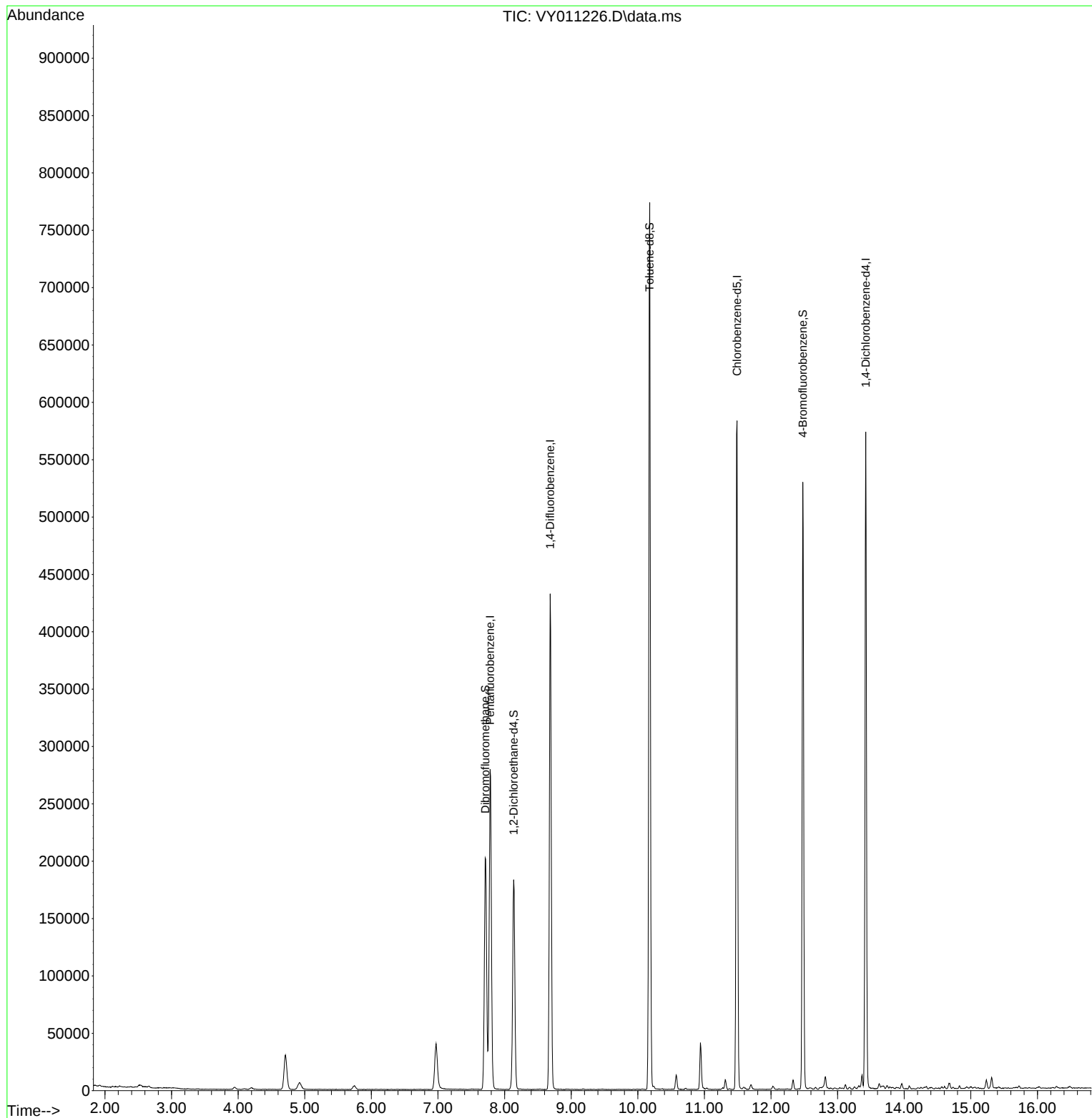
Target Compounds	Qvalue

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

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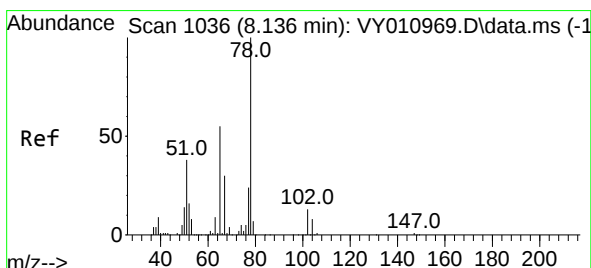
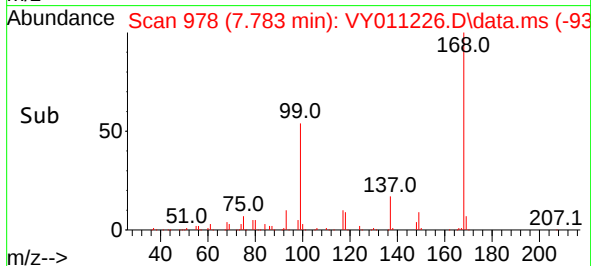
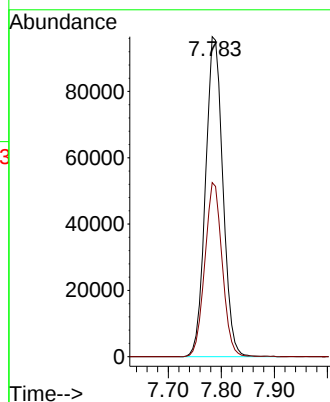
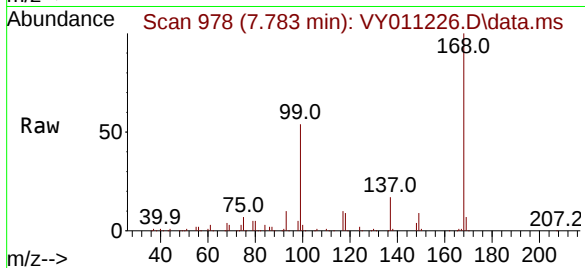




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

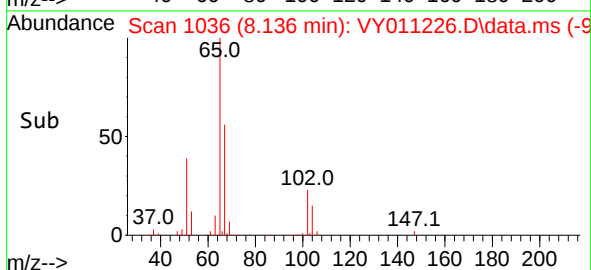
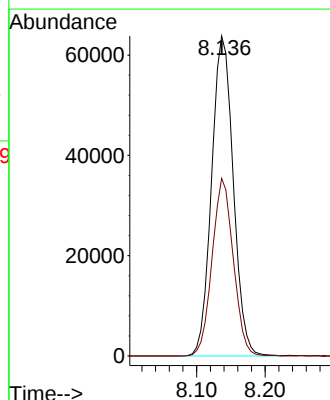
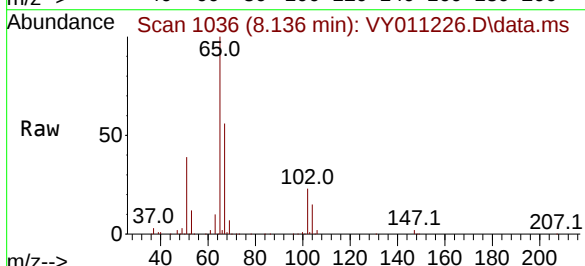
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

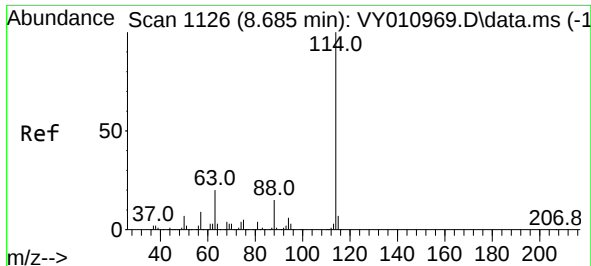
Tgt Ion:168 Resp: 219455
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.684 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 65 Resp: 140082
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

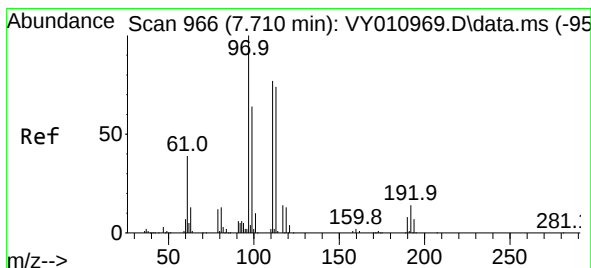
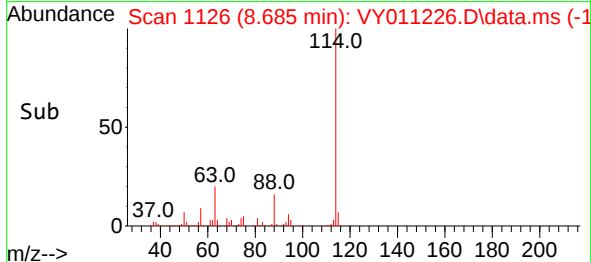
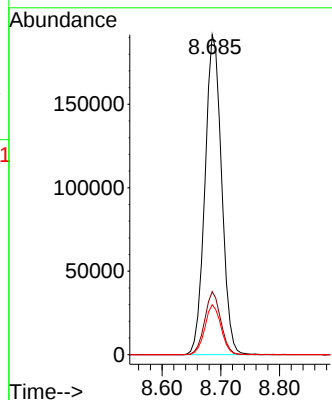
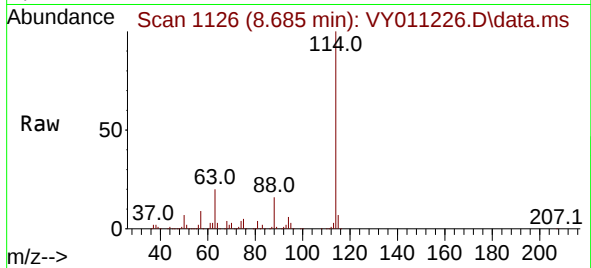




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

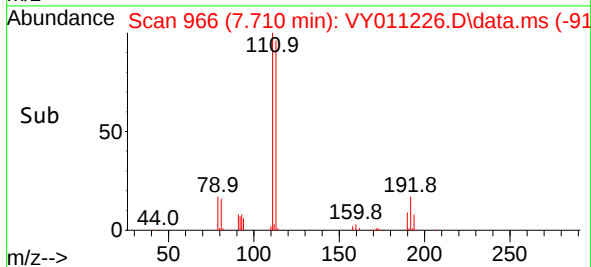
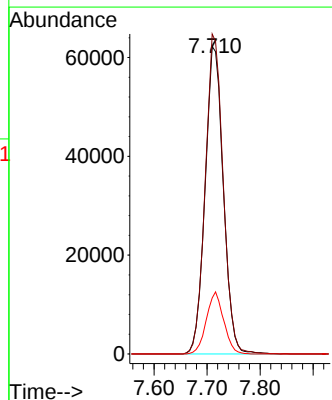
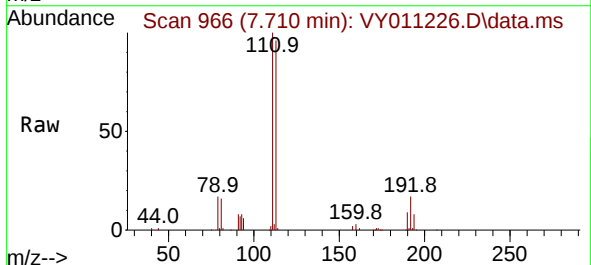
Instrument :
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ClientSampleId :
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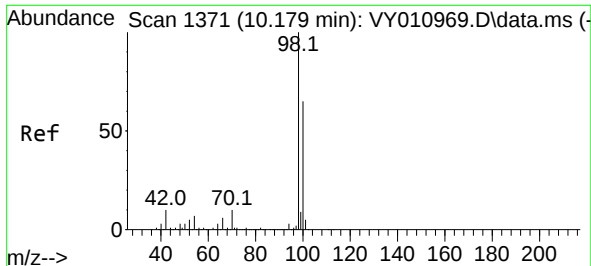
Tgt Ion:114 Resp: 376766
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.304 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion:113 Resp: 148398
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.2 17.6 26.4

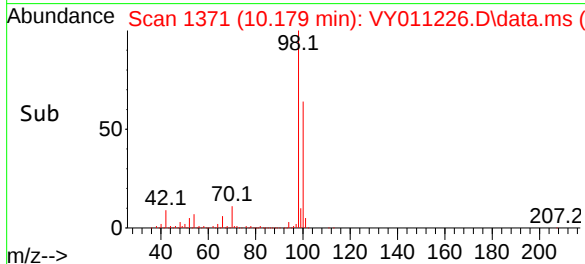
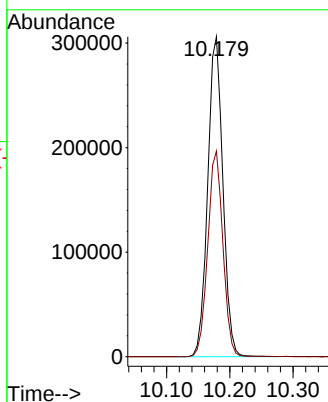
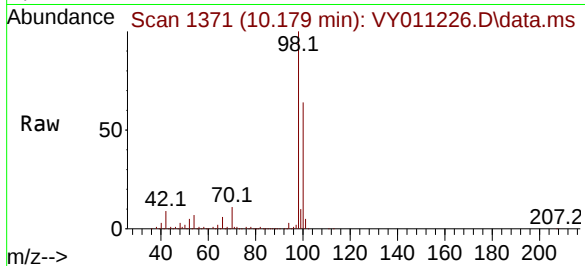




#50
Toluene-d8
Concen: 54.331 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

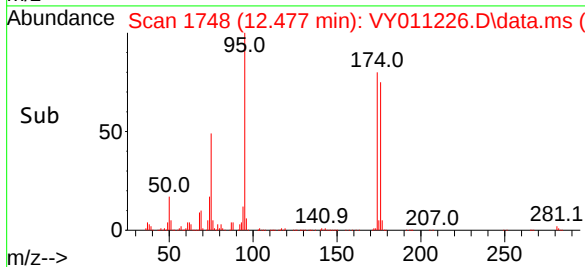
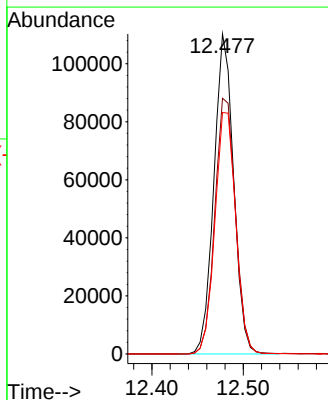
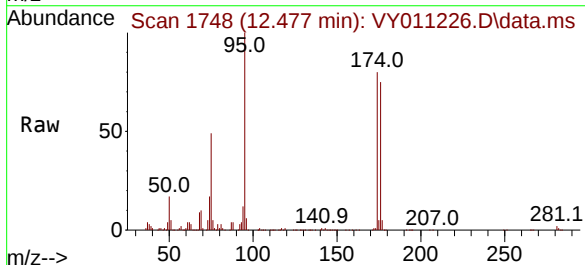
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

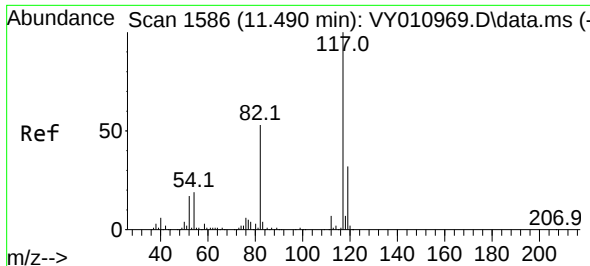
Tgt Ion: 98 Resp: 510632
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.619 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 95 Resp: 165162
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.0 0.0 175.8

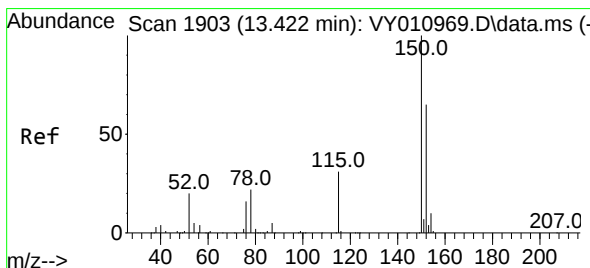
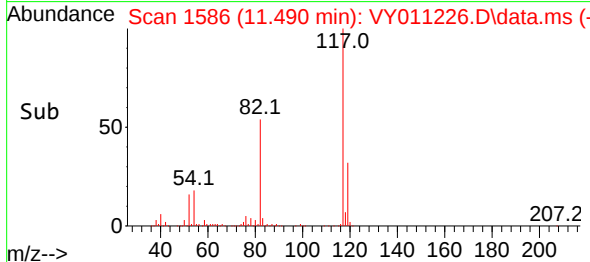
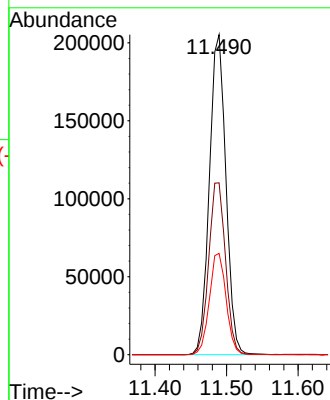
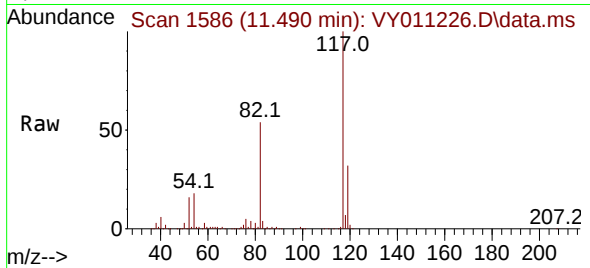




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

Tgt Ion:117 Resp: 329666
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion:152 Resp: 146515
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 158.6 0.0 347.6

