

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011219.D
 Acq On : 01 Nov 2022 14:11
 Operator : KP/MD
 Sample : N5313-23
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-3-SE-QUARTER

Quant Time: Nov 01 14:39:45 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	7.789	168	284745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	479167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	405503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157133	51.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.716	113	163309	53.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.179	98	579885	48.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.477	95	173998	41.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.860%	

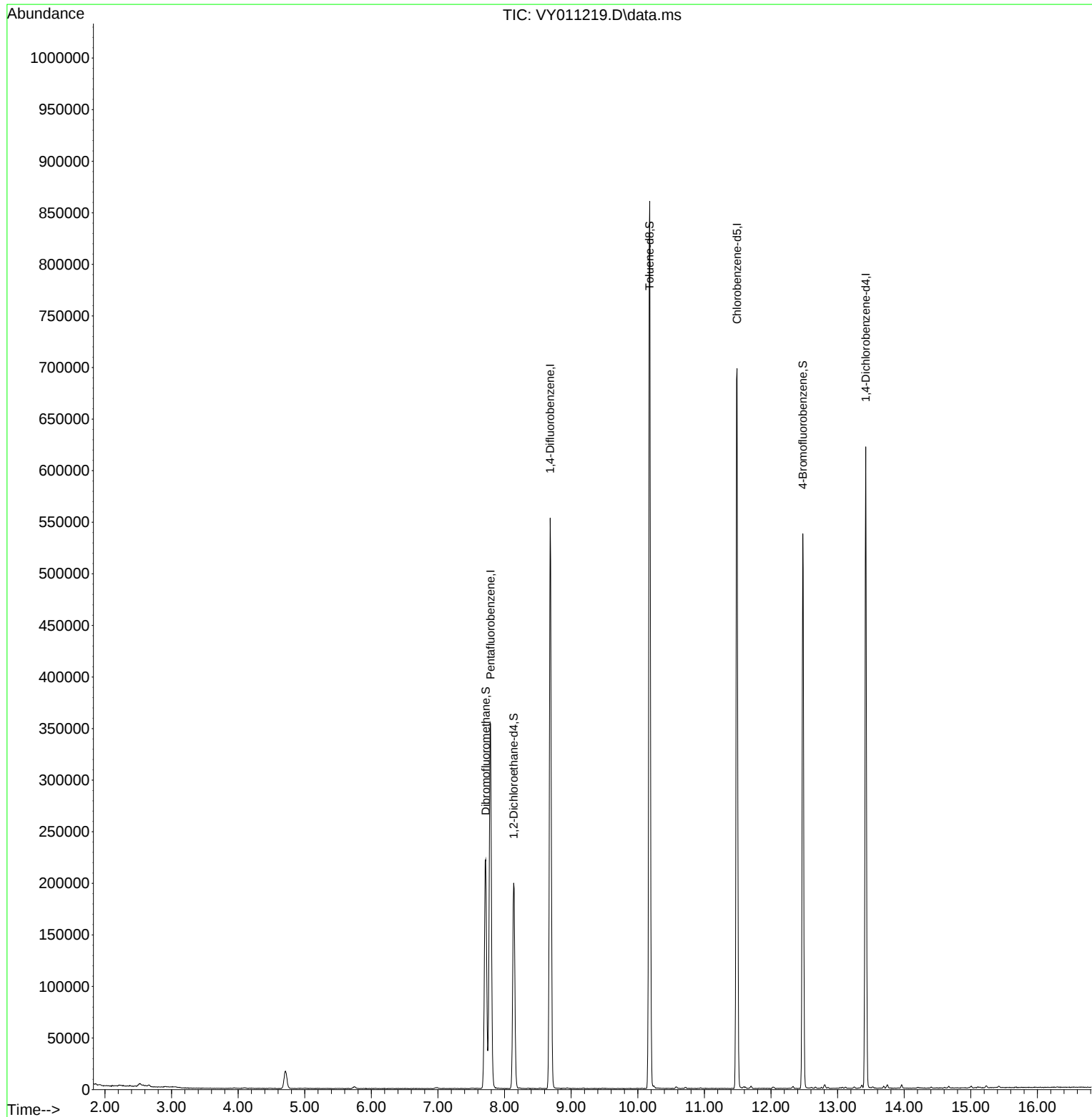
Target Compounds	Qvalue

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

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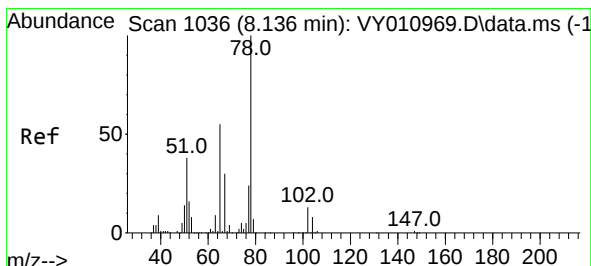
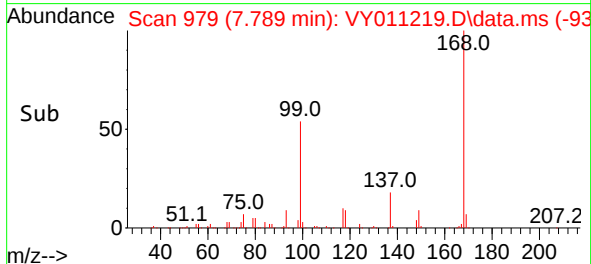
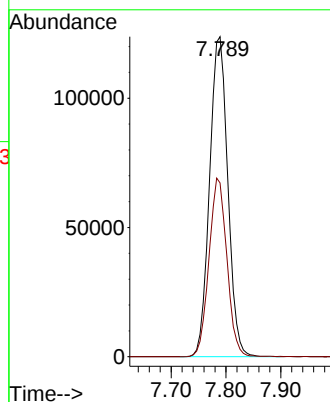
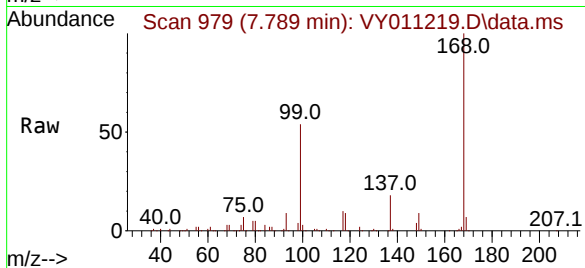




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

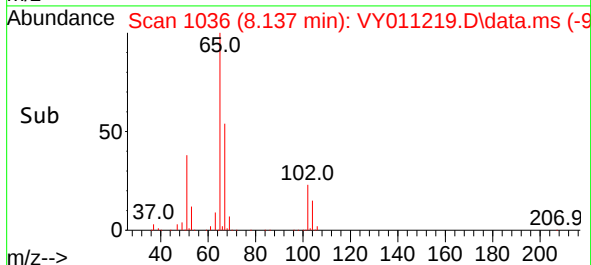
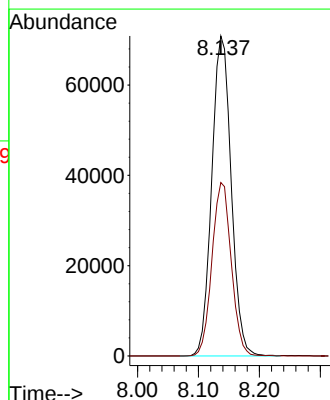
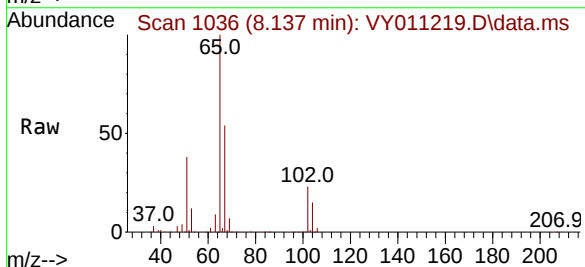
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

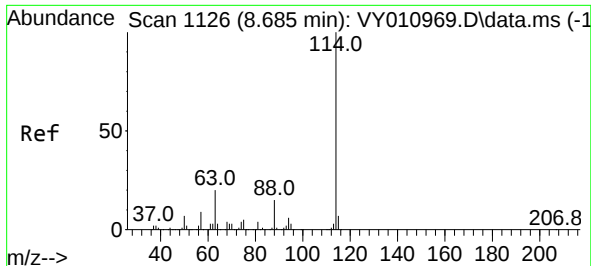
Tgt Ion:168 Resp: 284745
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.598 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion: 65 Resp: 157133
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4

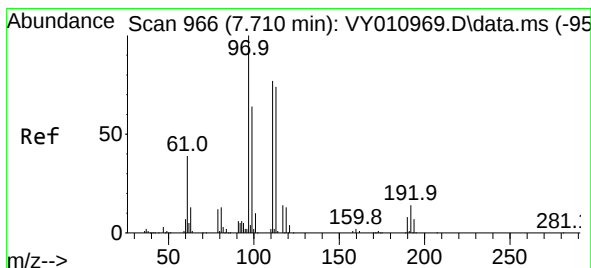
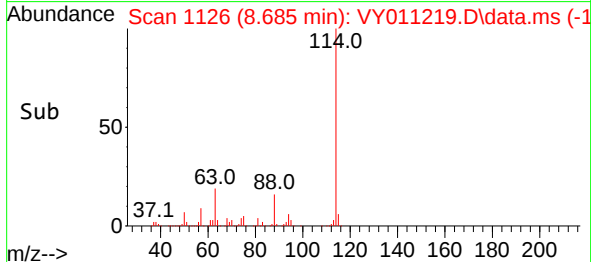
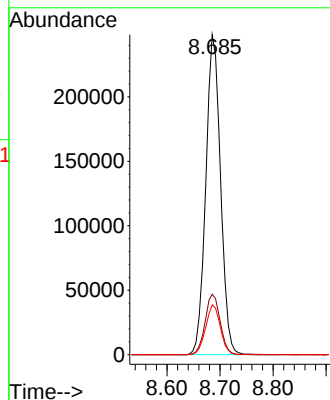
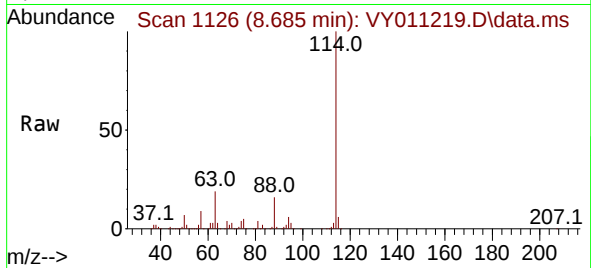




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

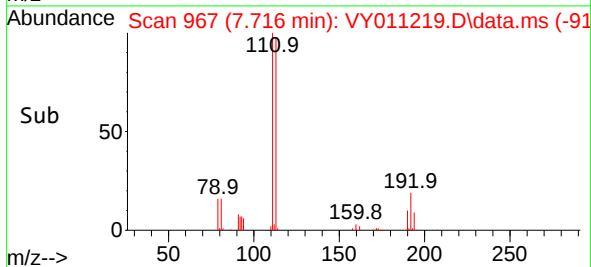
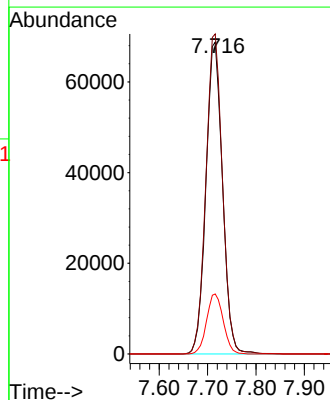
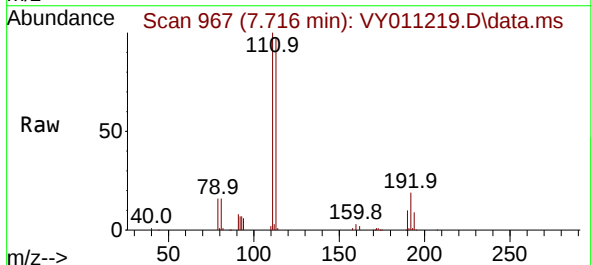
Instrument : MSVOA_Y
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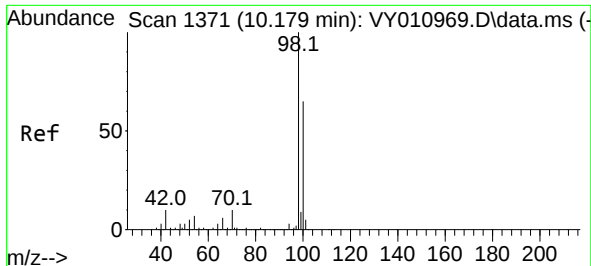
Tgt Ion:	114	Resp:	479167
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	43.2
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.046 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion:	113	Resp:	163309
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	124.0
192	19.4	17.6	26.4

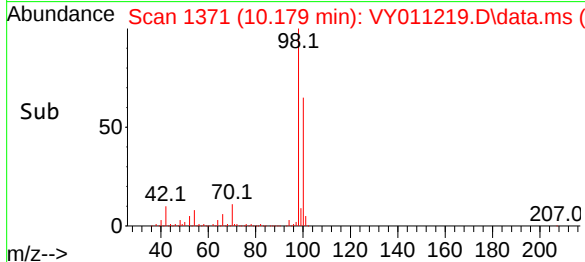
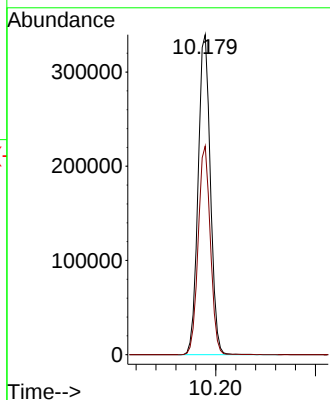
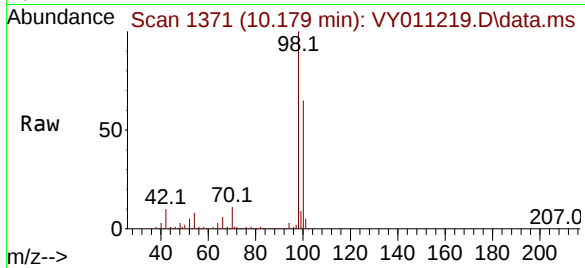




#50
Toluene-d8
Concen: 48.514 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

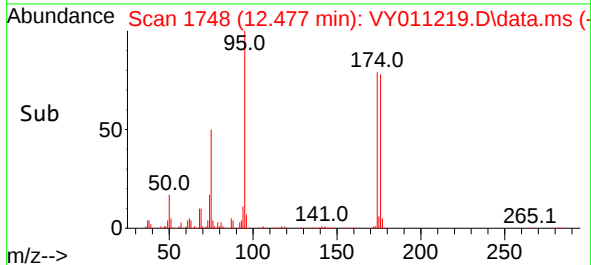
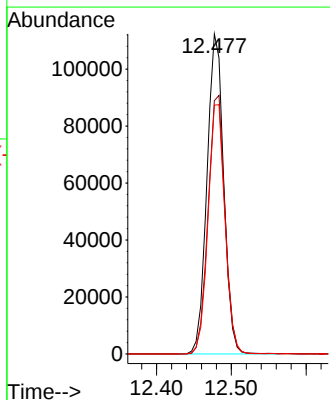
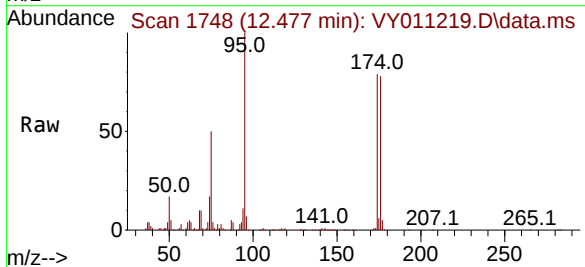
Instrument :
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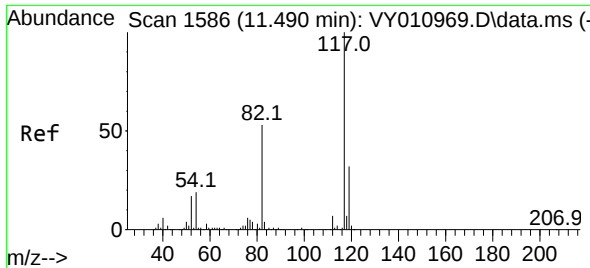
Tgt Ion: 98 Resp: 579885
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.931 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion: 95 Resp: 173998
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.0 0.0 175.8

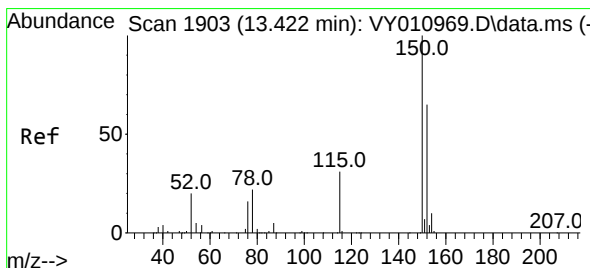
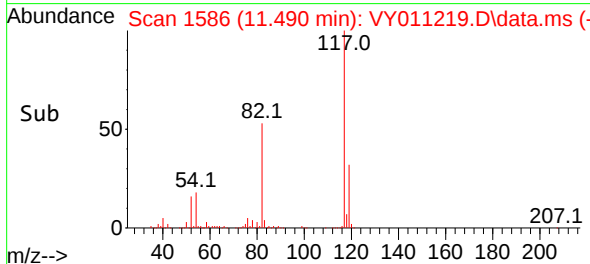
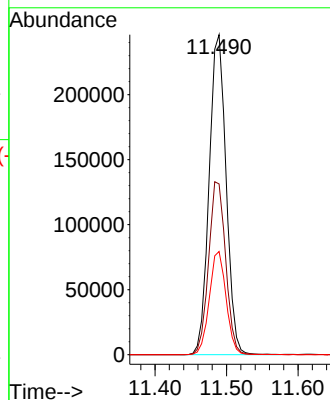
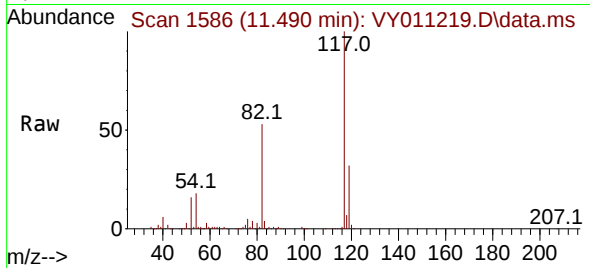




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

Tgt Ion:117 Resp: 405503
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.2 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: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion:152 Resp: 158222
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.7 0.0 347.6

