

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011231.D
 Acq On : 01 Nov 2022 18:43
 Operator : KP/MD
 Sample : N5393-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-103122

Quant Time: Nov 02 01:43:45 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	8070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	13018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6891	79.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.680%	
35) Dibromofluoromethane	7.716	113	5701	68.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.320%	
50) Toluene-d8	10.179	98	17433	53.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.477	95	5140	45.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.180%	

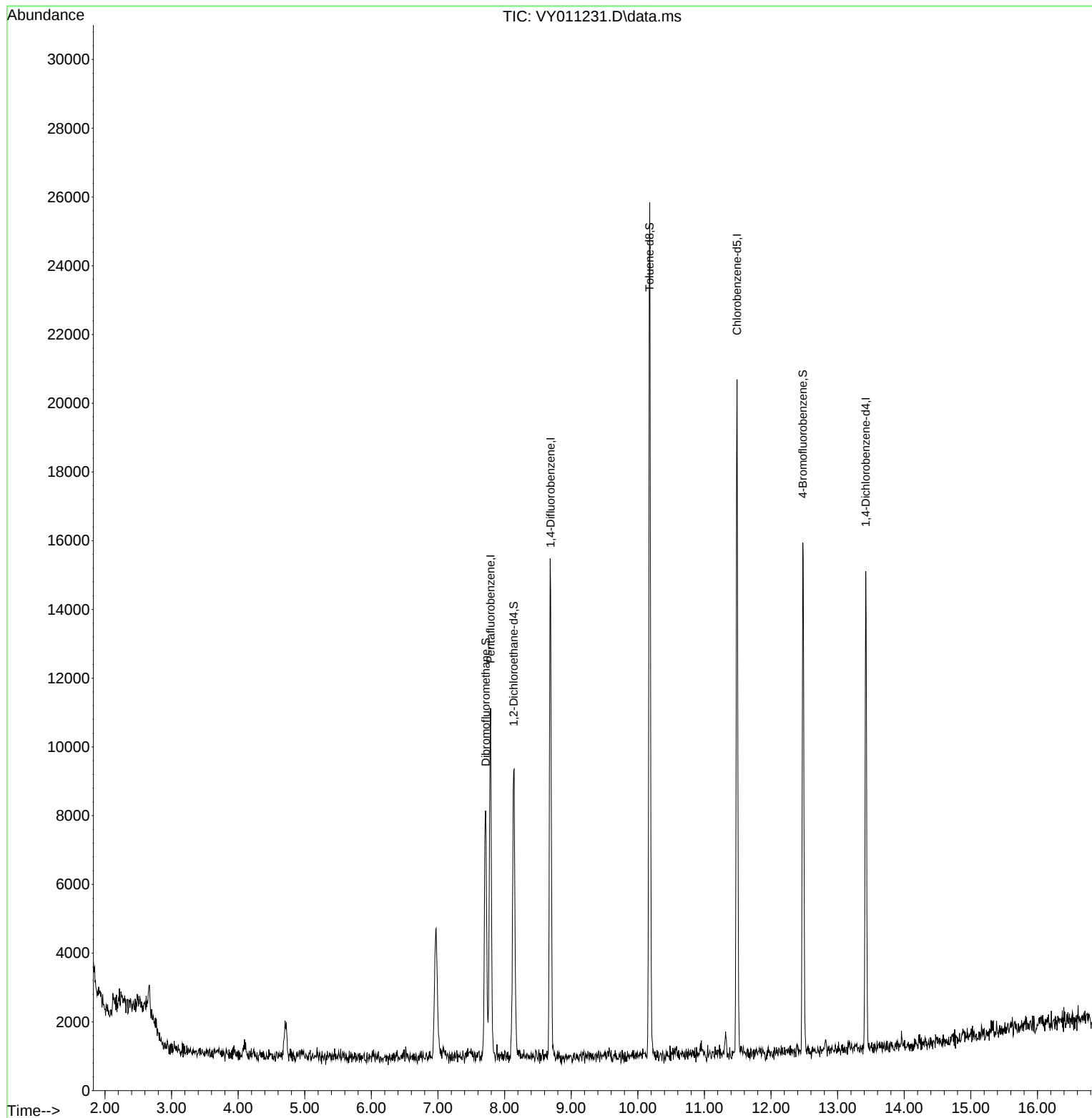
Target Compounds	Qvalue

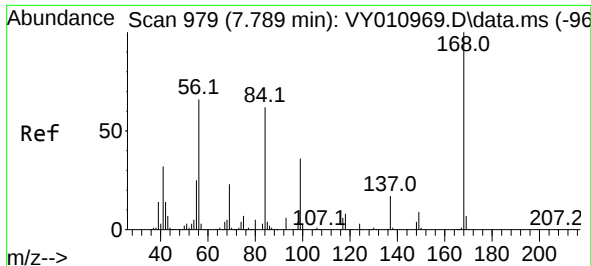
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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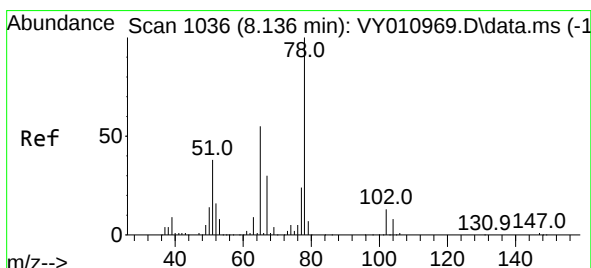
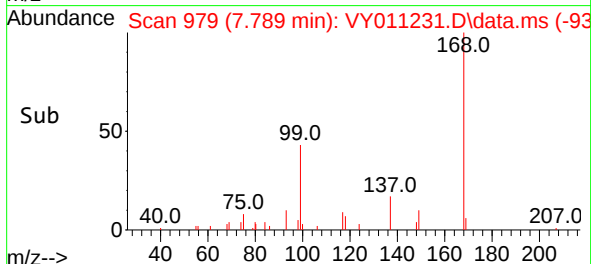
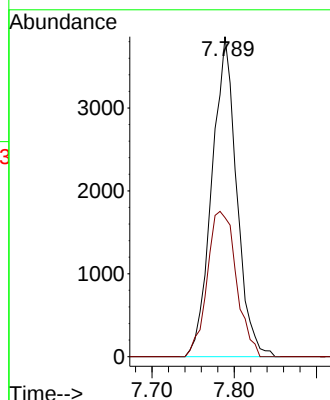
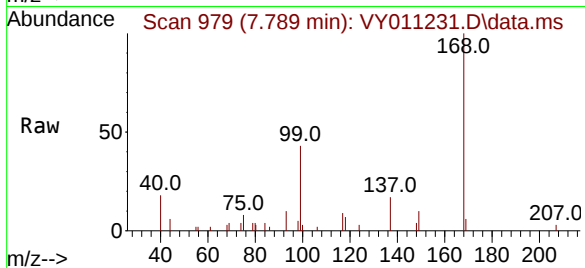




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

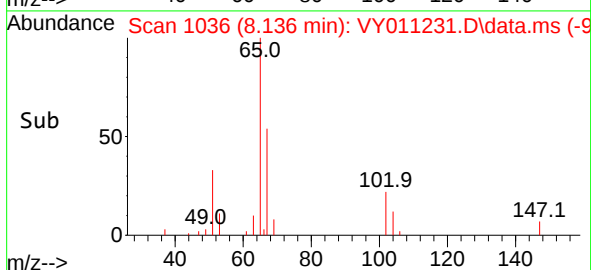
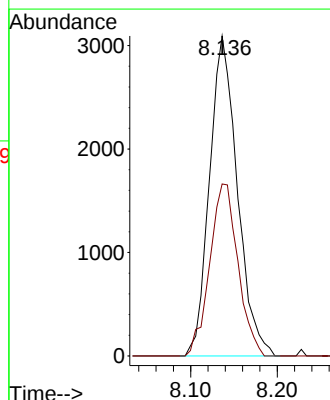
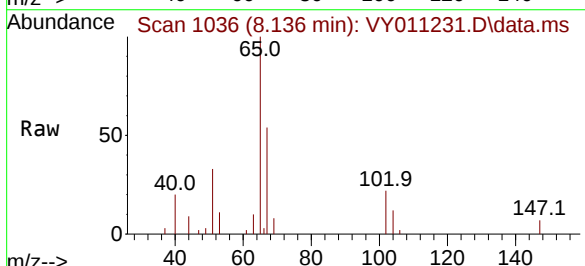
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

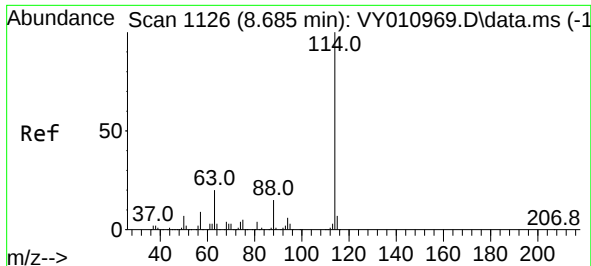
Tgt Ion:168 Resp: 8070
Ion Ratio Lower Upper
168 100
99 43.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 79.841 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

Tgt Ion: 65 Resp: 6891
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

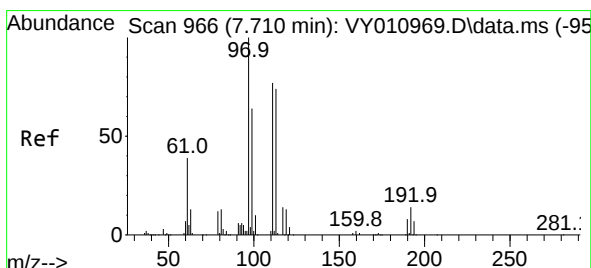
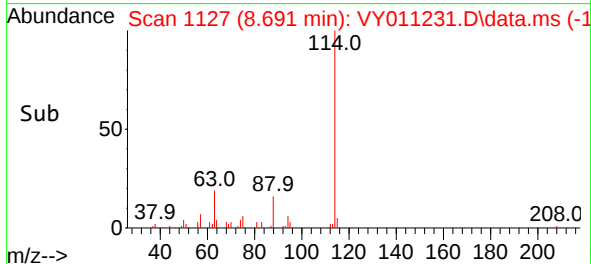
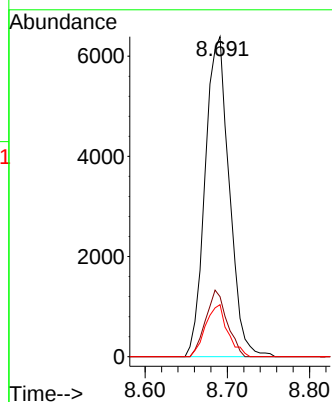
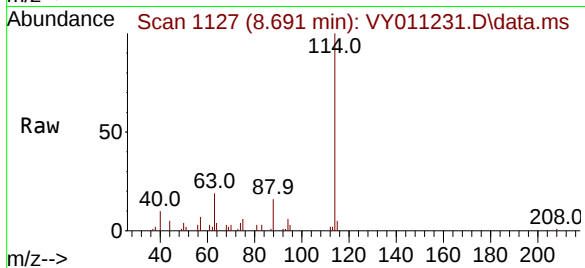




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

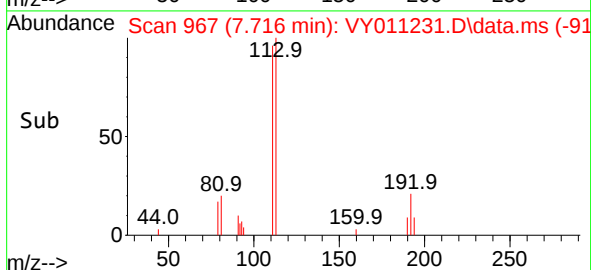
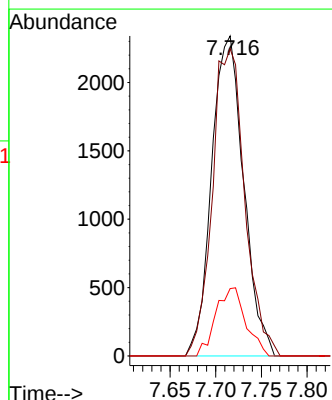
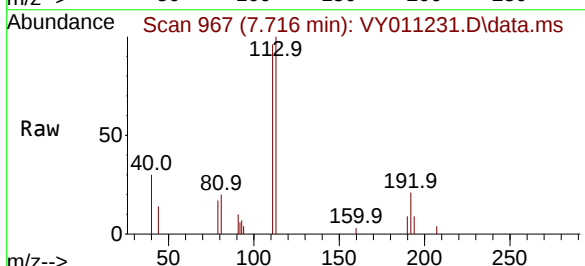
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ClientSampleId :
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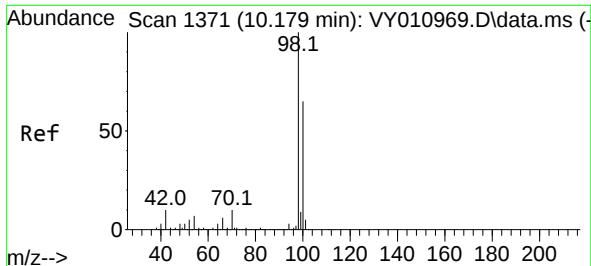
Tgt Ion:114	Resp:	13018
Ion	Ratio	Lower Upper
114	100	
63	18.8	0.0 43.2
88	16.3	0.0 31.8



#35
Dibromofluoromethane
Concen: 68.161 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

Tgt Ion:113	Resp:	5701
Ion	Ratio	Lower Upper
113	100	
111	97.3	82.6 124.0
192	20.0	17.6 26.4

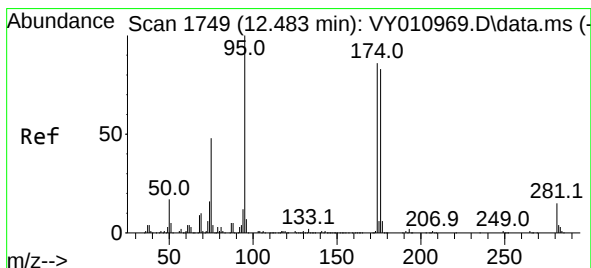
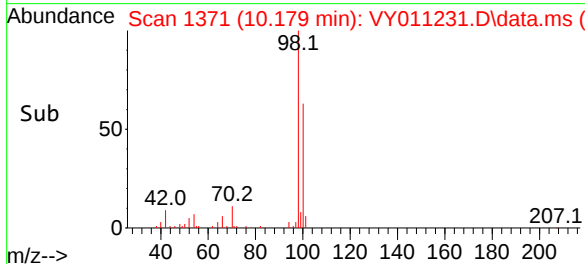
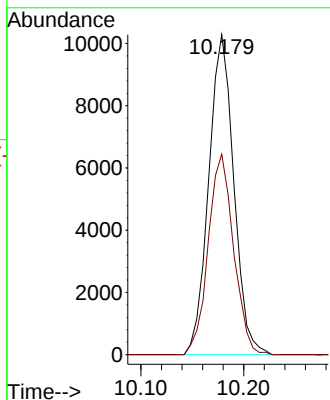
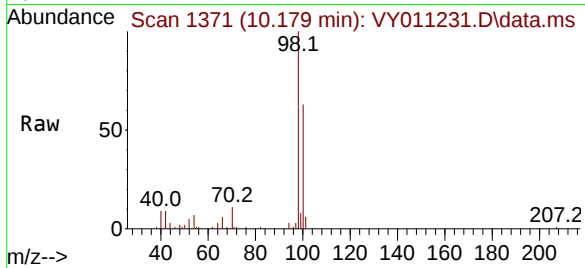




#50
Toluene-d8
Concen: 53.683 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

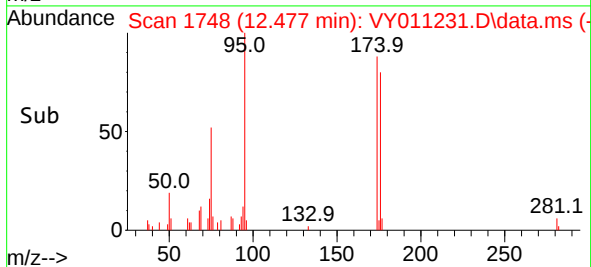
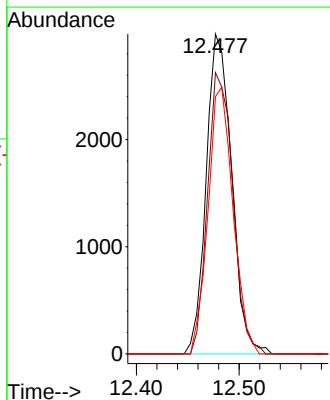
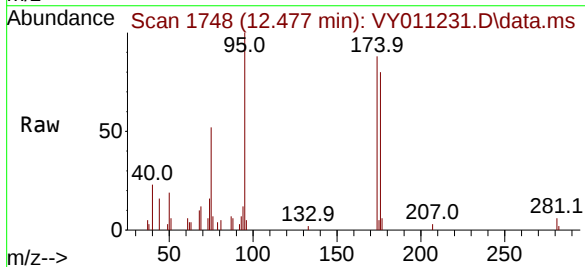
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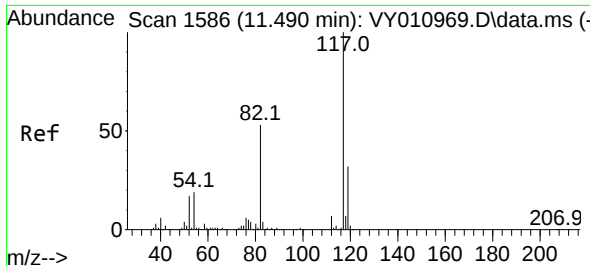
Tgt Ion: 98 Resp: 17433
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.593 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

Tgt Ion: 95 Resp: 5140
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 82.0 0.0 175.8

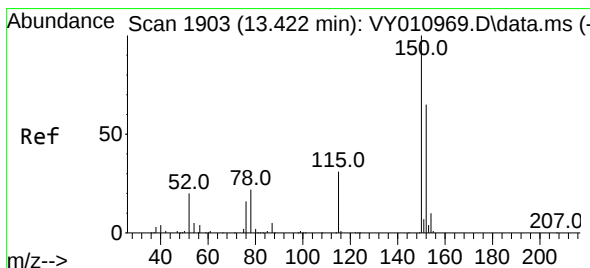
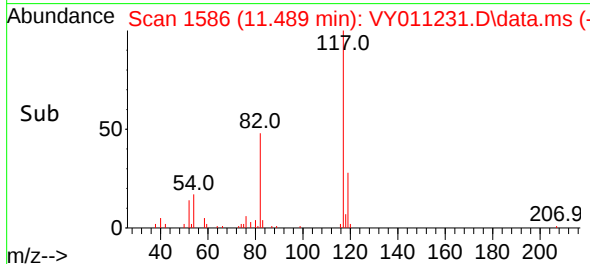
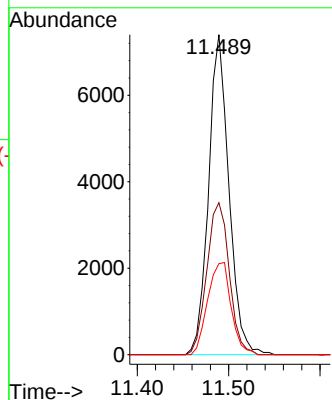
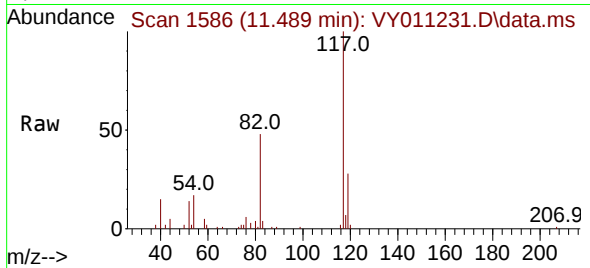




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011231.D
Acq: 01 Nov 2022 18:43

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 11440
Ion Ratio Lower Upper
117 100
82 47.5 43.0 64.4
119 28.5 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: VY011231.D
Acq: 01 Nov 2022 18:43

Tgt Ion:152 Resp: 4328
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 147.3 0.0 347.6

