

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020272.D
 Acq On : 12 Nov 2024 16:58
 Operator : SY/MD
 Sample : P4816-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 331

Quant Time: Nov 13 00:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	155543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	288737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	99112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95767	49.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.634	113	100619	54.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.109	98	482883	66.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	132.160%
62) 4-Bromofluorobenzene	12.408	95	116428	49.054	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.100%

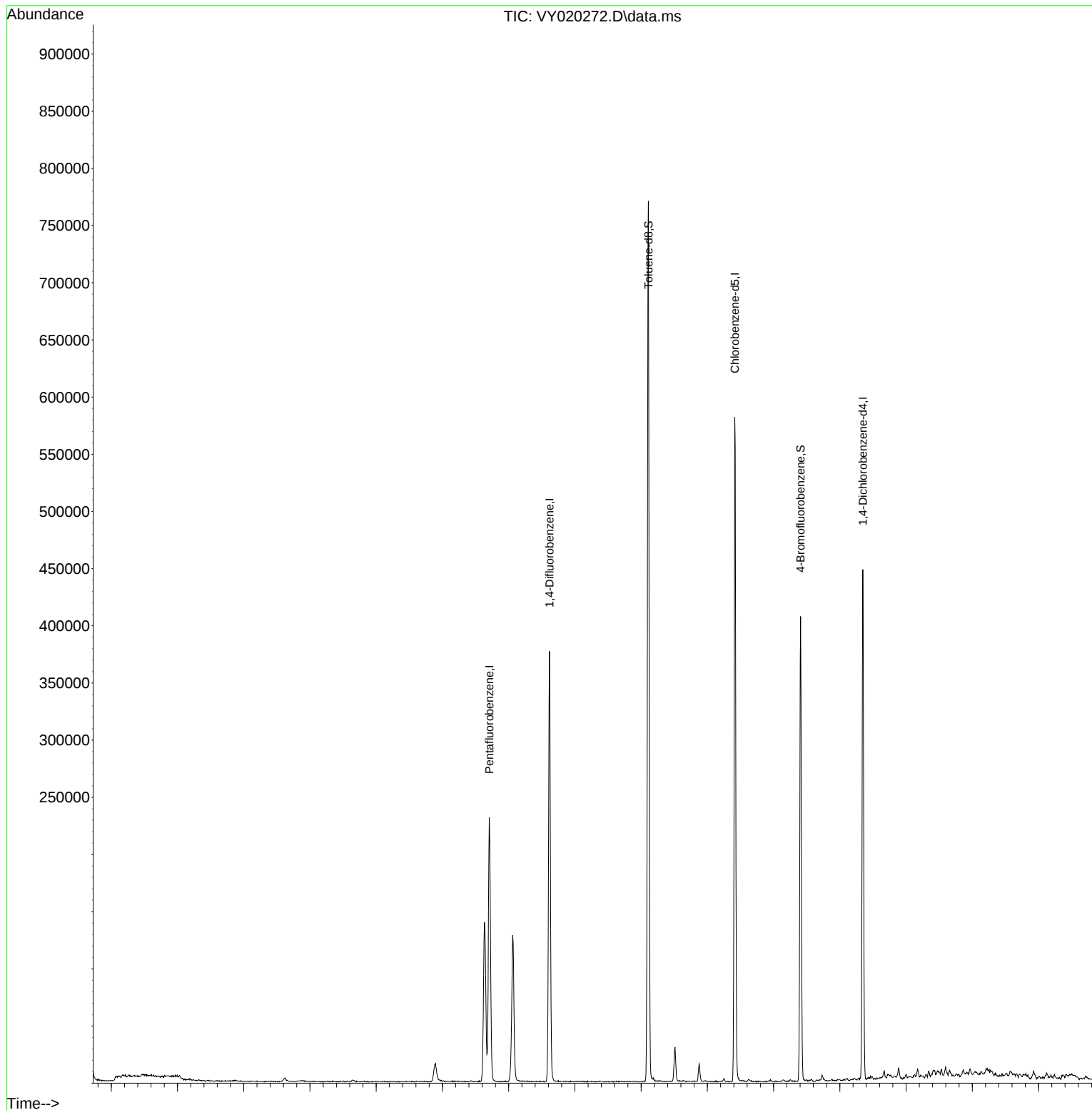
Target Compounds Qvalue

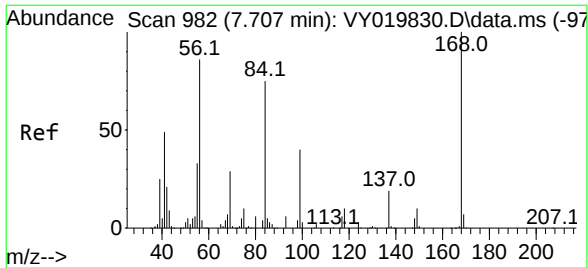
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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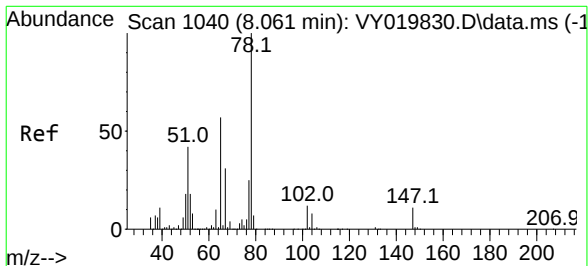
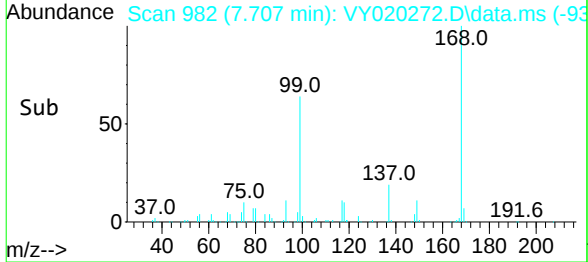
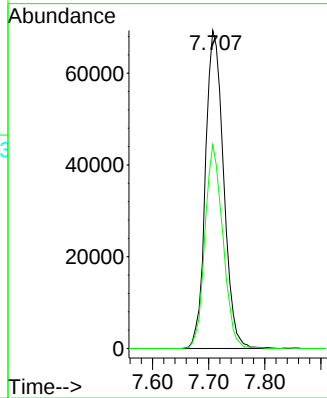
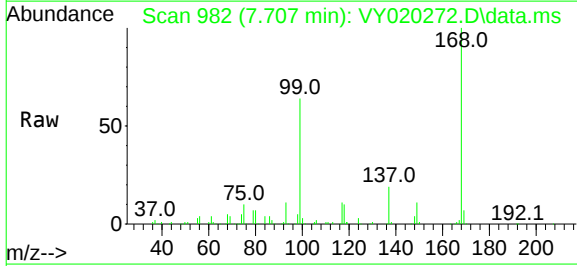




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

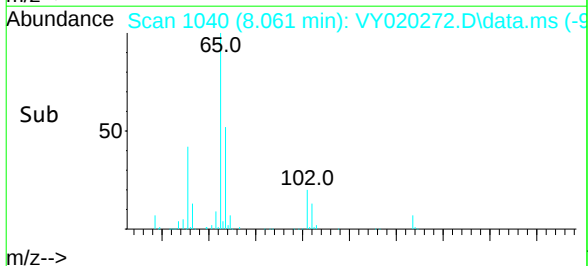
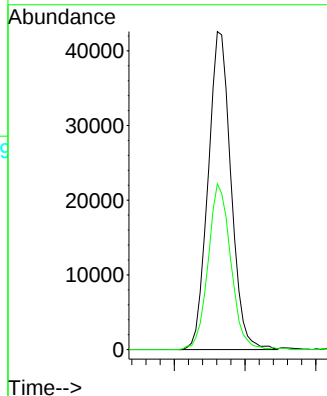
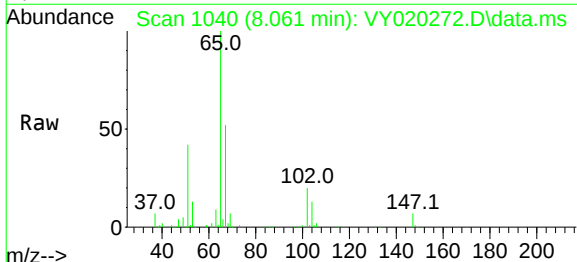
Instrument :
MSVOA_Y
ClientSampleId :
331

Tgt Ion:168 Resp: 155543
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.332 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 65 Resp: 95767
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

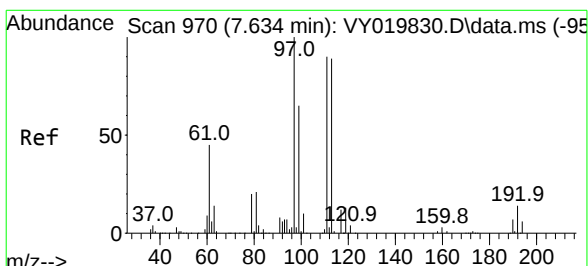
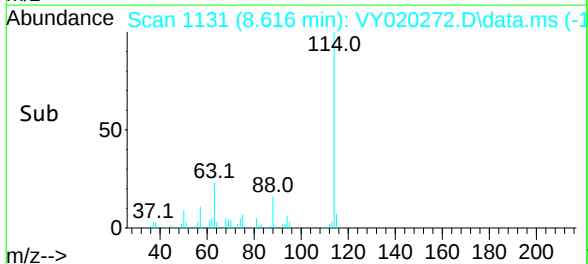
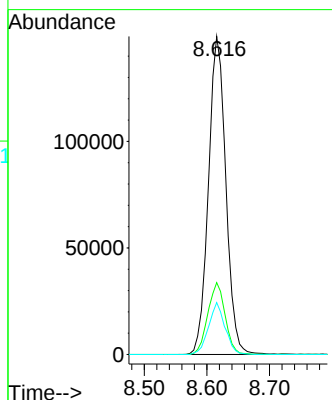
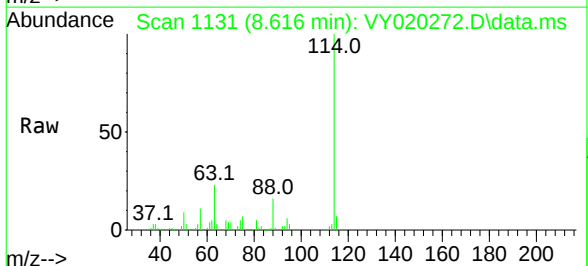




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

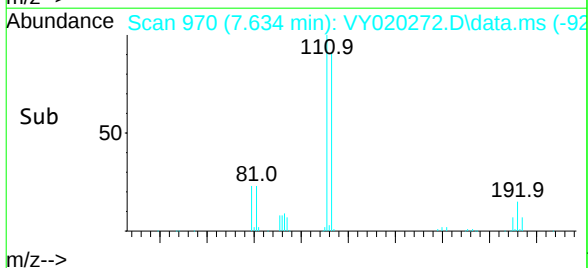
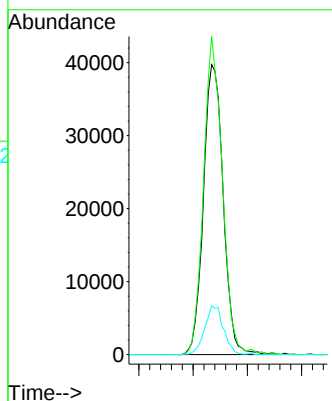
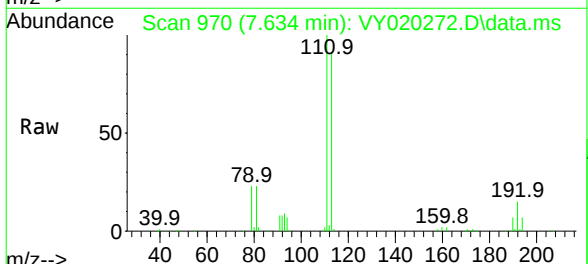
Instrument :
MSVOA_Y
ClientSampleId :
331

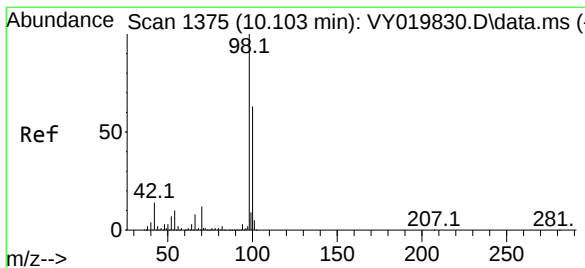
Tgt Ion:	114	Resp:	288737
Ion Ratio	Lower	Upper	
114	100		
63	22.6	0.0	35.0
88	16.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.810 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion:	113	Resp:	100619
Ion Ratio	Lower	Upper	
113	100		
111	104.6	82.2	123.4
192	15.9	15.9	23.9#





#50

Toluene-d8

Concen: 66.082 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

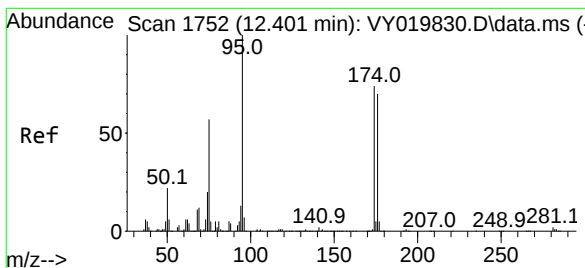
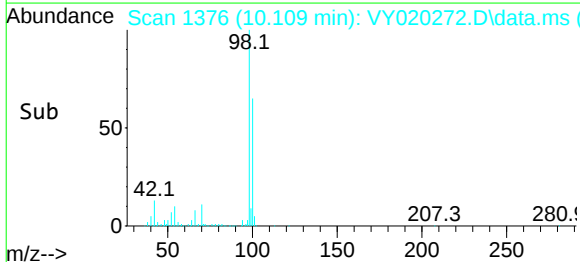
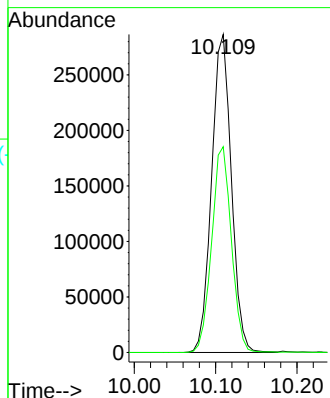
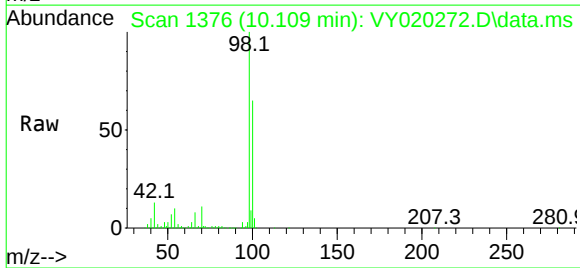
331

Tgt Ion: 98 Resp: 482883

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.054 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

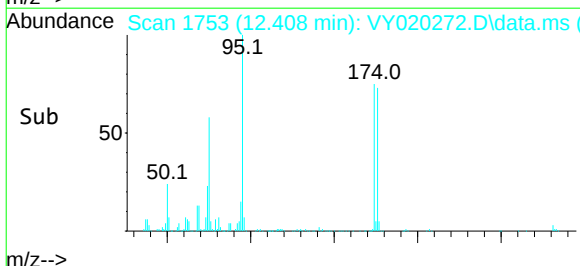
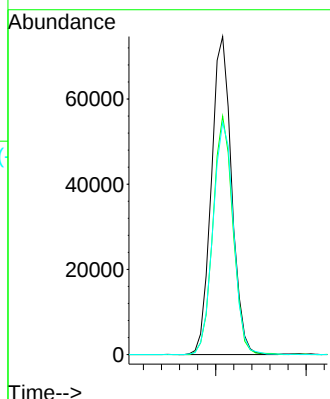
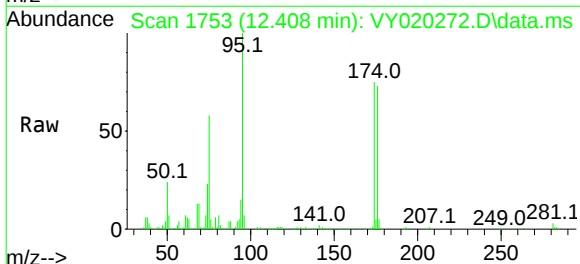
Tgt Ion: 95 Resp: 116428

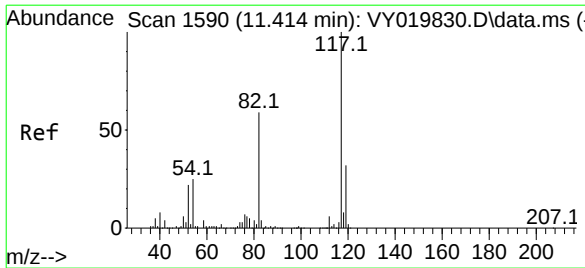
Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 73.9 0.0 171.4

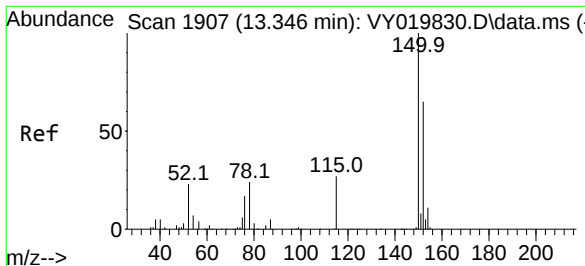
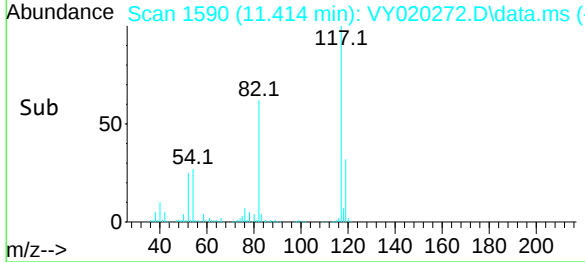
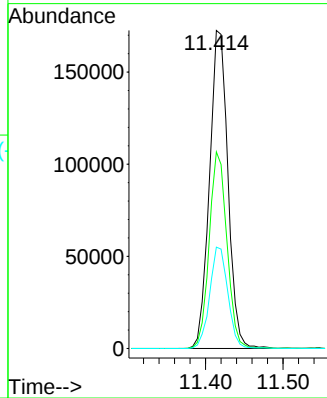
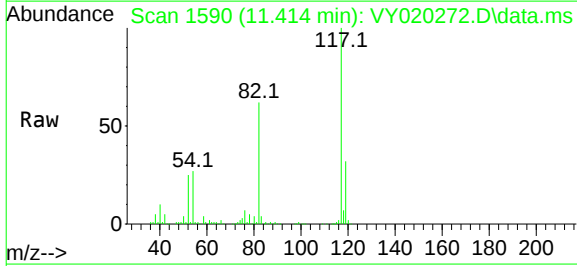




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :
331

Tgt Ion:117 Resp: 284908
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion:152 Resp: 99112
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 158.9 0.0 345.6

