

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020642.D
 Acq On : 18 Dec 2024 17:38
 Operator : SY/MD
 Sample : P5299-01
 Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Dec 19 02:51:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	233930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	408249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125606	49.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.634	113	131817	45.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.620%
50) Toluene-d8	10.103	98	486937	48.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.401	95	152376	38.680	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.360%

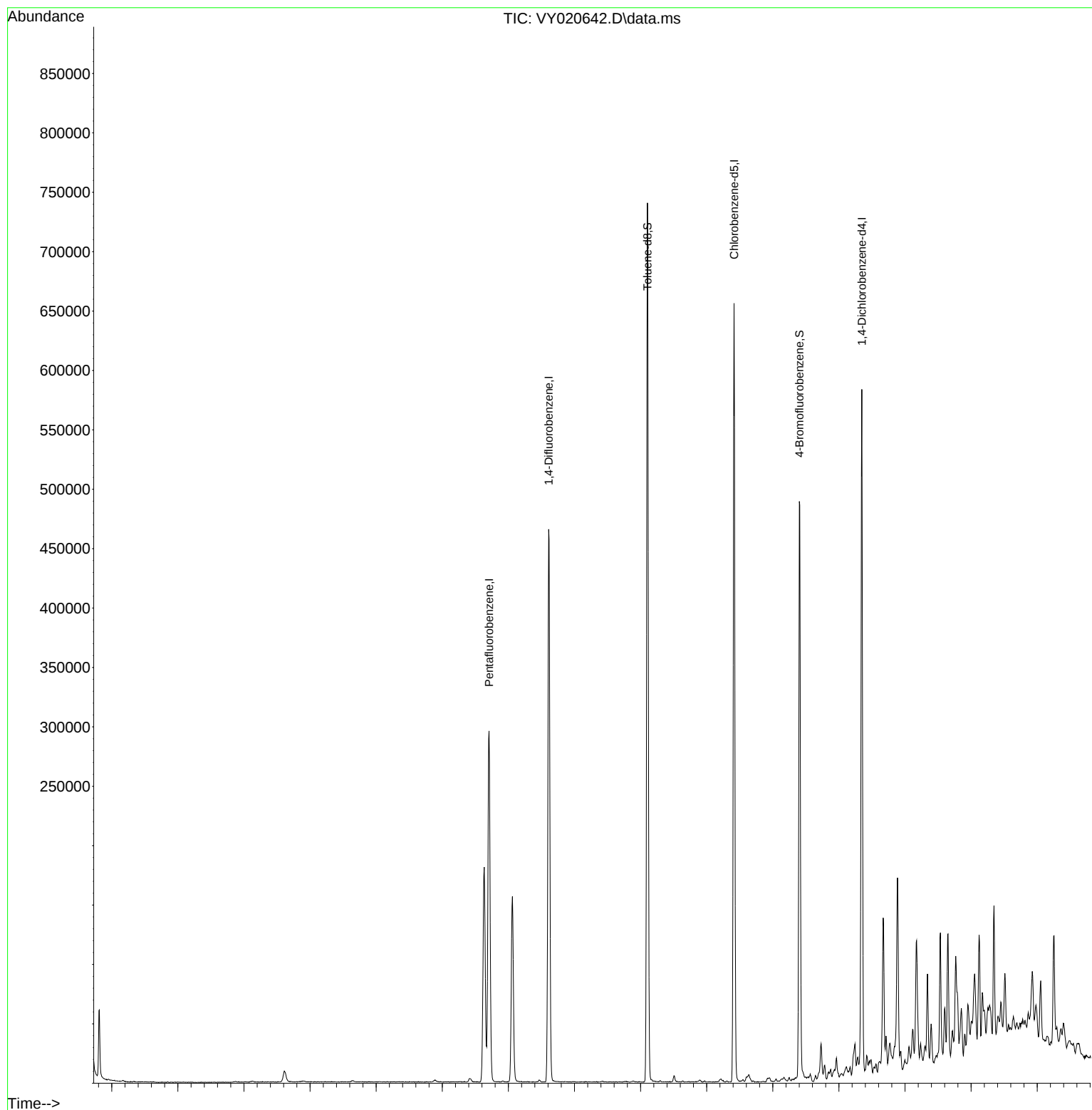
Target Compounds Qvalue

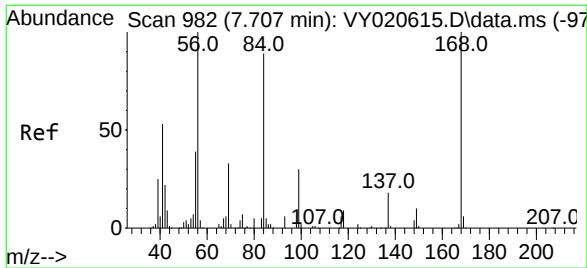
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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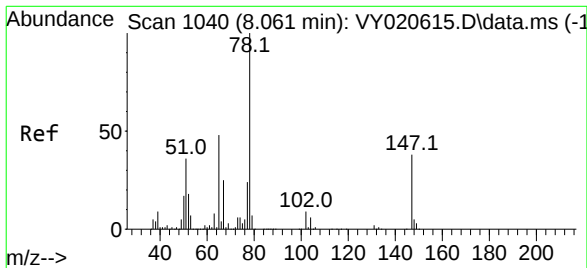
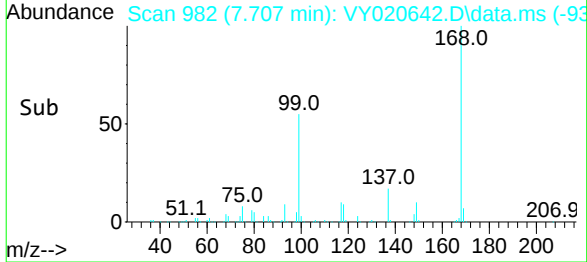
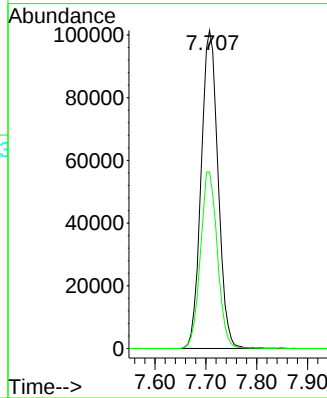
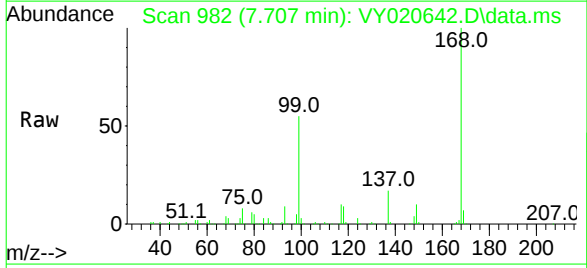




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

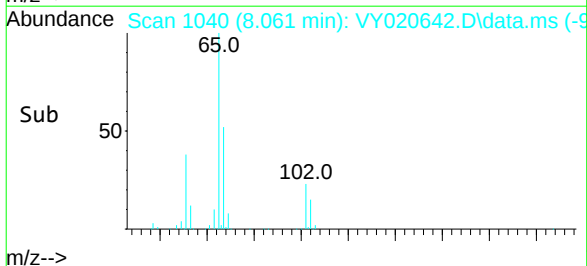
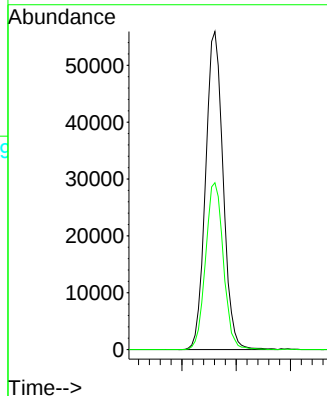
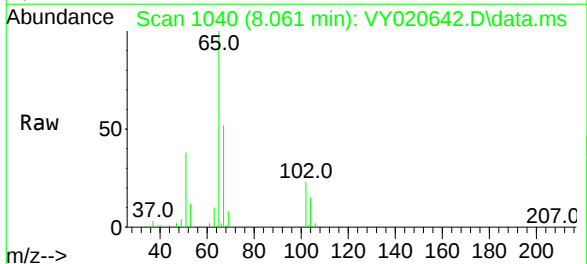
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

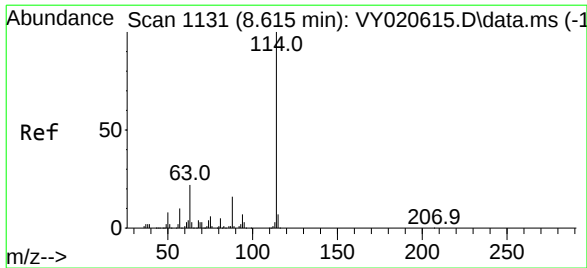
Tgt Ion:168 Resp: 233930
Ion Ratio Lower Upper
168 100
99 55.5 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 49.026 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion: 65 Resp: 125606
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0

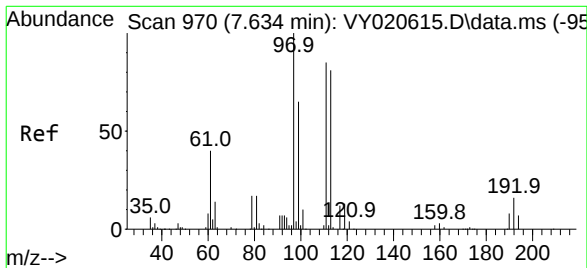
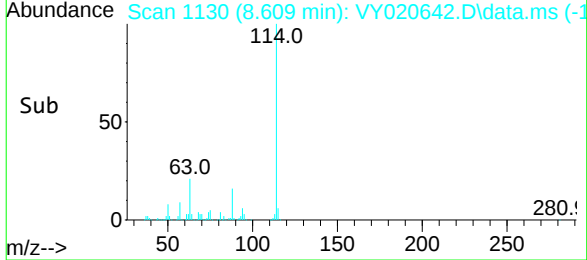
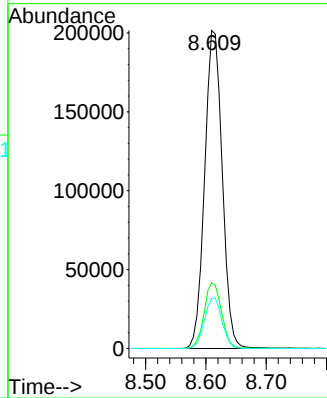
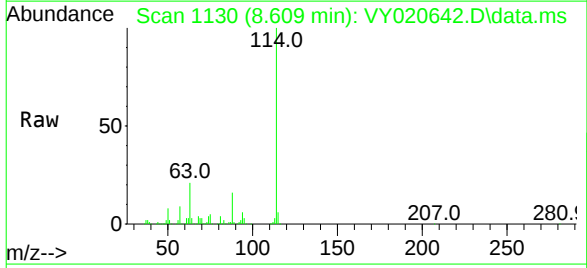




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

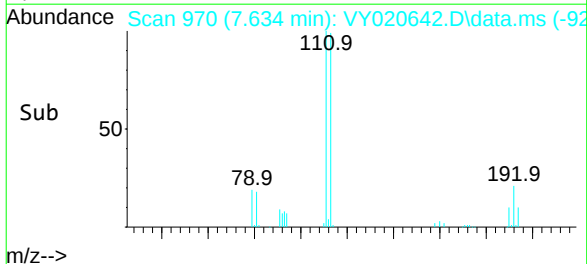
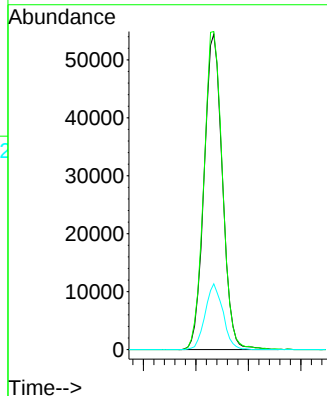
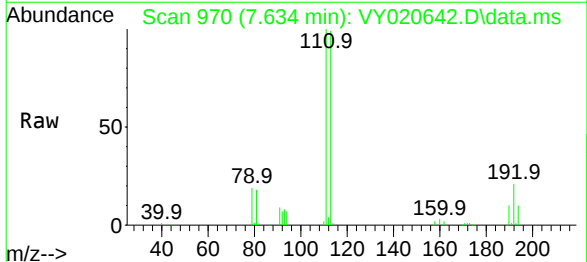
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

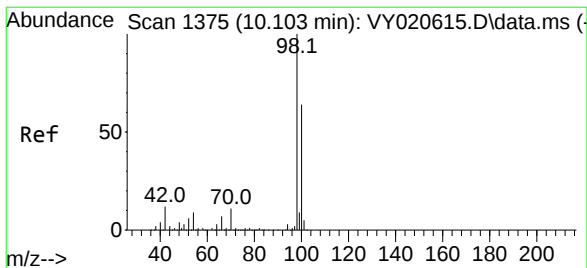
Tgt Ion:	114	Resp:	408249
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.0
88	15.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 45.814 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion:	113	Resp:	131817
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	20.3	15.7	23.5





#50

Toluene-d8

Concen: 48.352 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020642.D

Acq: 18 Dec 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

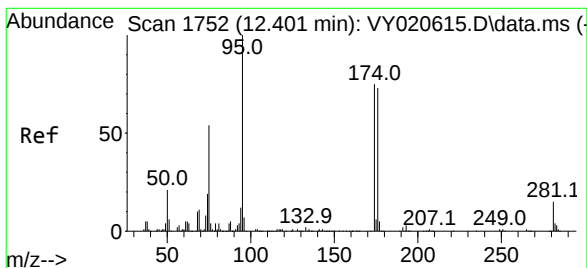
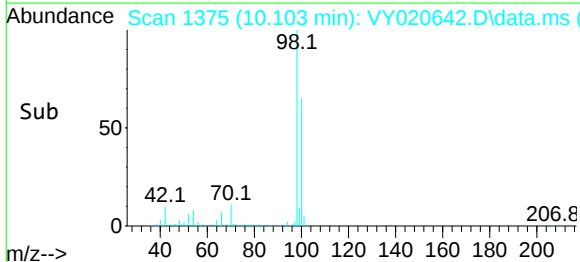
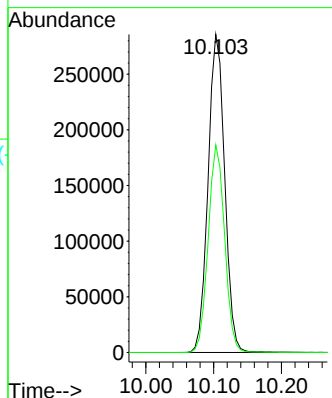
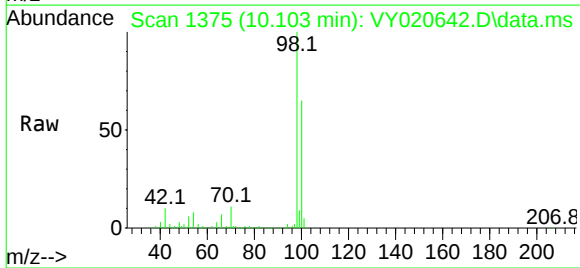
SB-01

Tgt Ion: 98 Resp: 486937

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 38.680 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020642.D

Acq: 18 Dec 2024 17:38

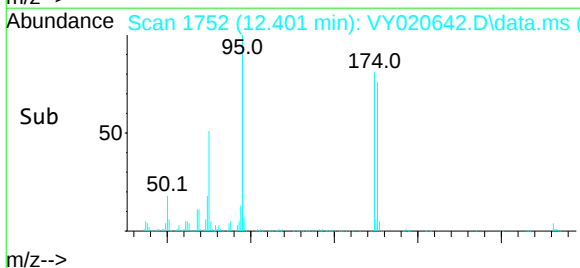
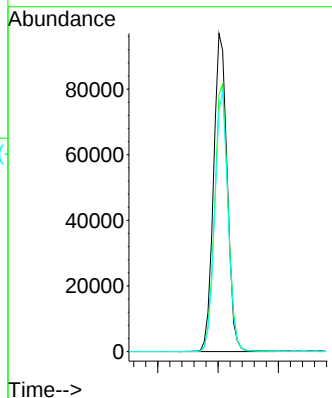
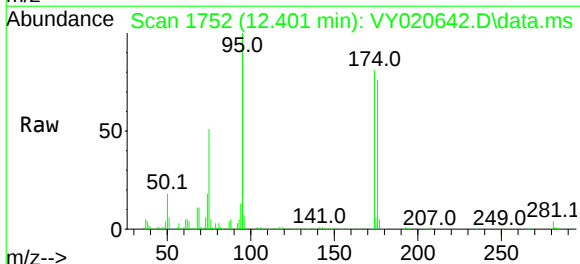
Tgt Ion: 95 Resp: 152376

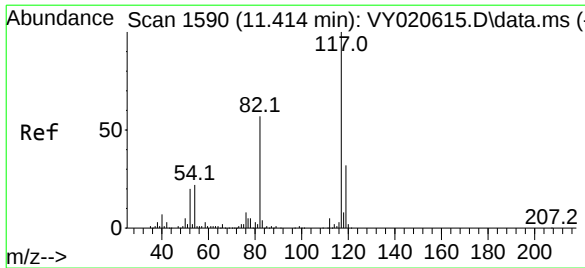
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.8

176 79.5 0.0 156.6

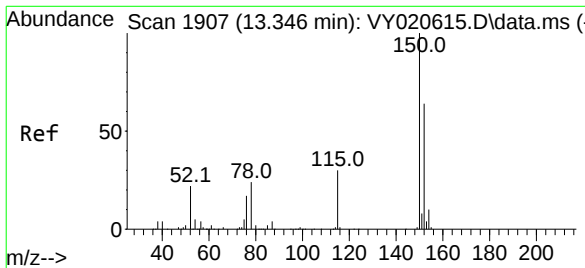
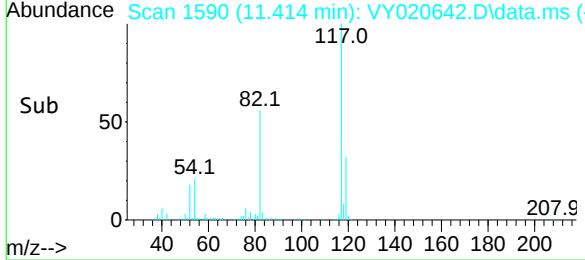
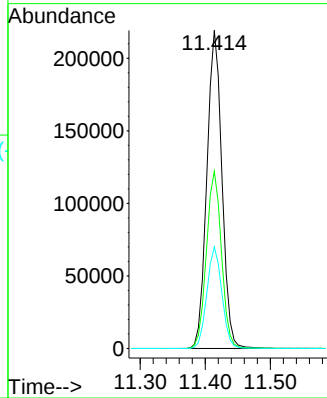
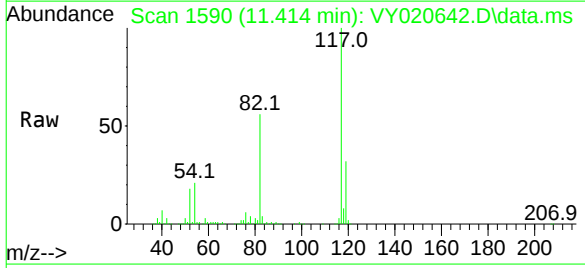




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.8	68.6
119	31.9	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020642.D
Acq: 18 Dec 2024 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	158.1	0.0	355.4

