

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020546.D
 Acq On : 09 Dec 2024 10:54
 Operator : SY/MD
 Sample : VY1209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBL01

Quant Time: Dec 10 03:57:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	178939	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	304419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248651	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	92050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90635	49.804	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.634	113	93551	48.814	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.103	98	361094	49.481	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.408	95	106254	41.631	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.260%

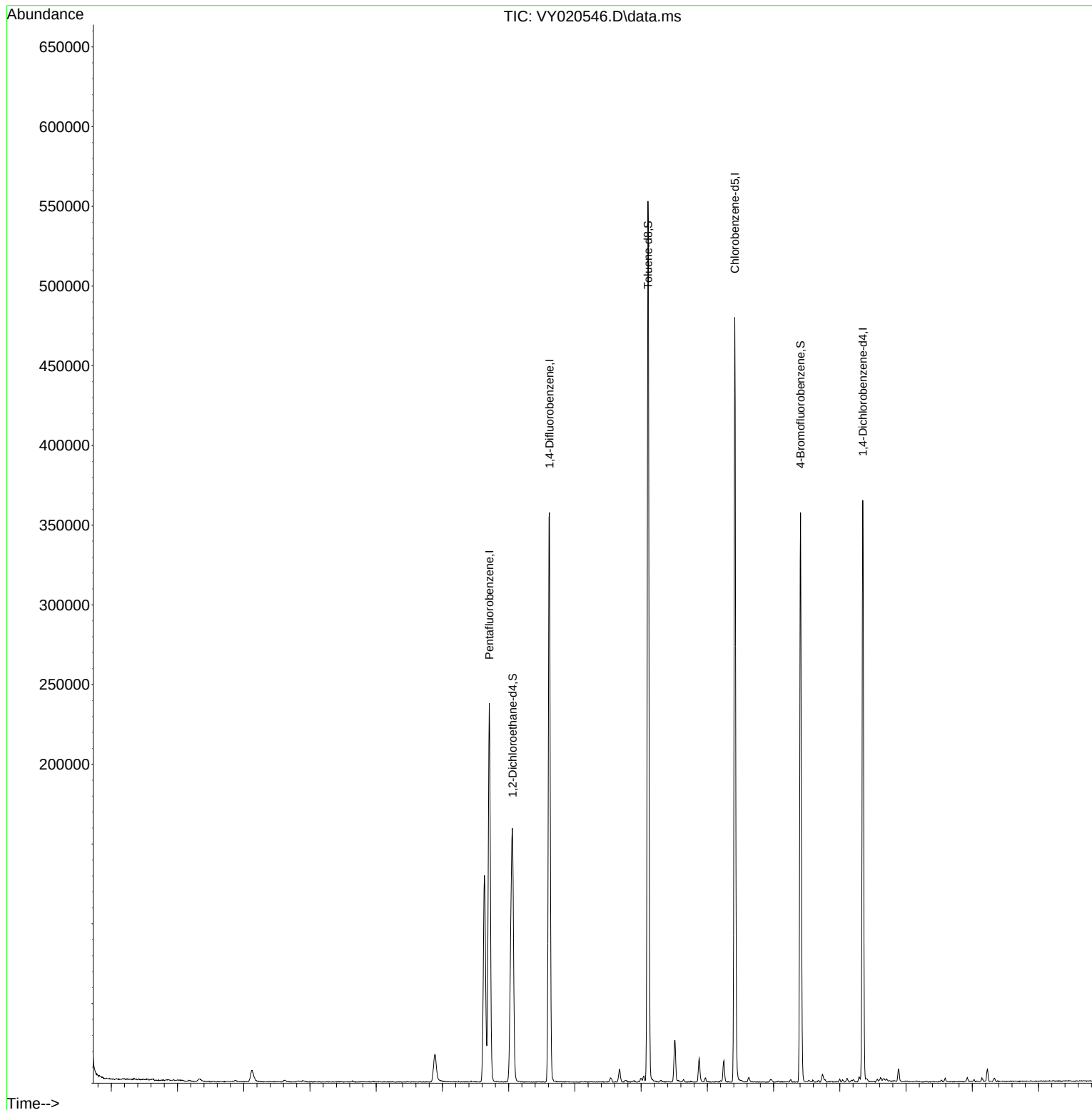
Target Compounds	Qvalue

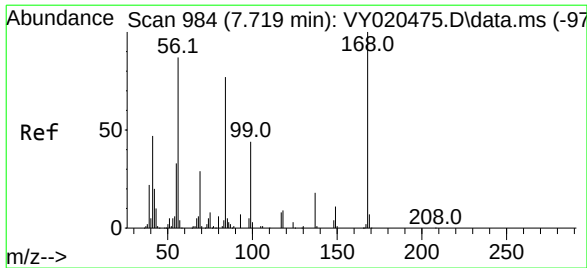
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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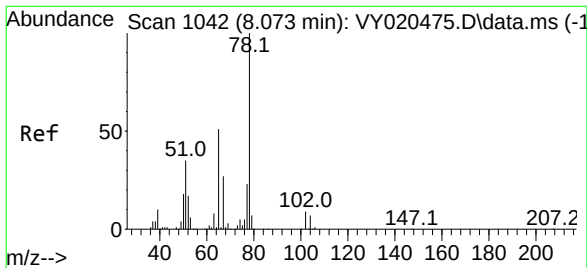
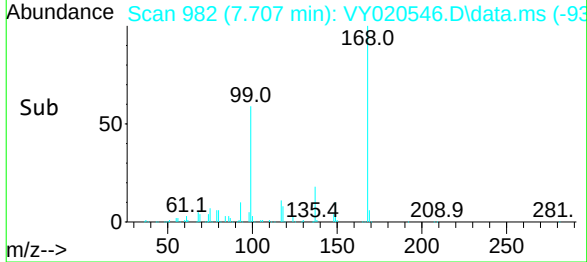
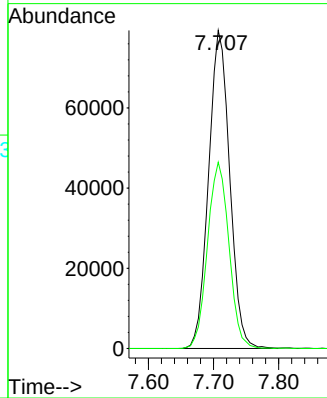
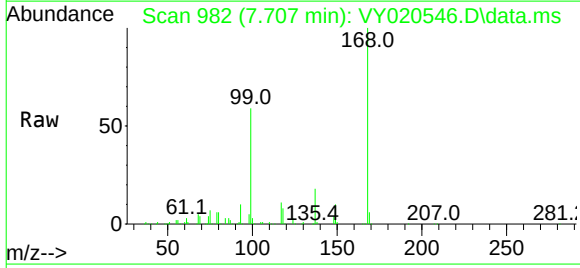




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

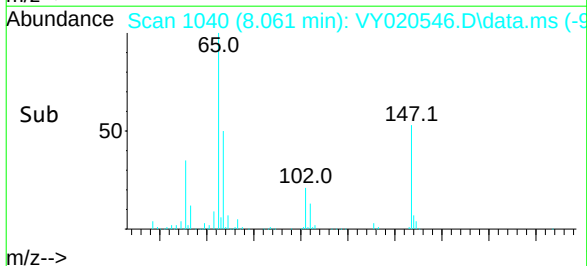
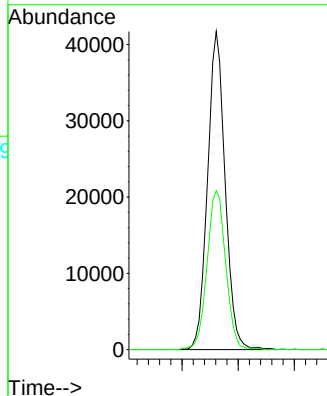
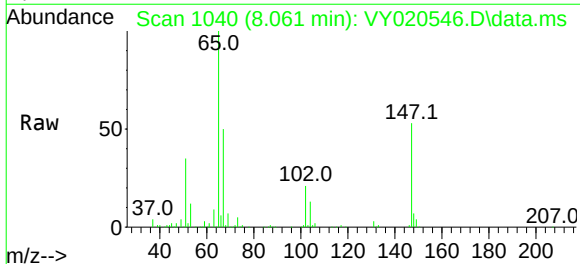
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBL01

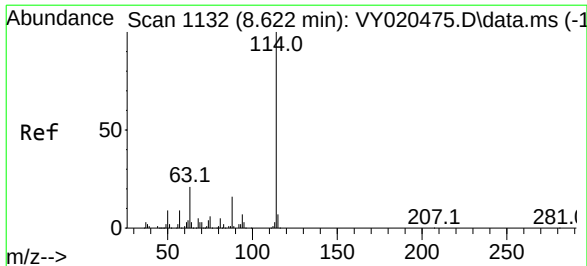
Tgt Ion:168 Resp: 178939
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.804 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion: 65 Resp: 90635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

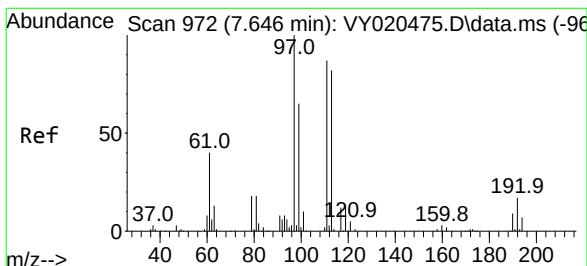
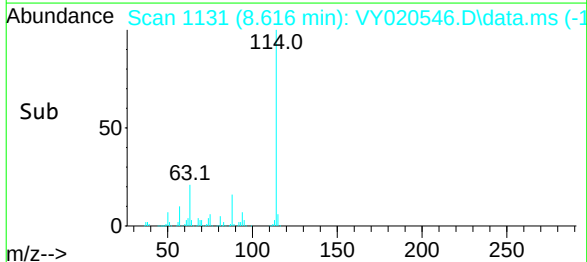
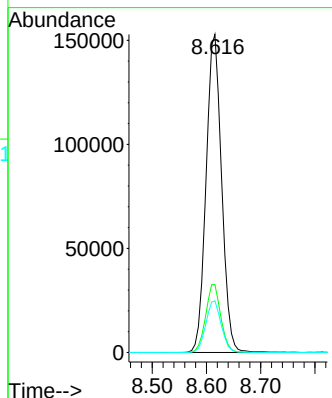
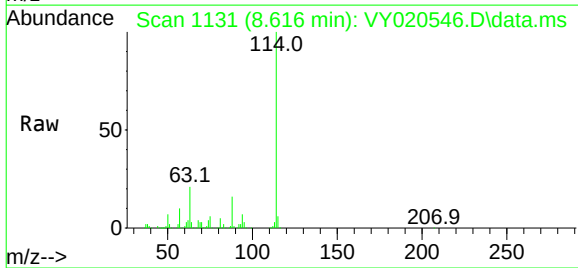




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

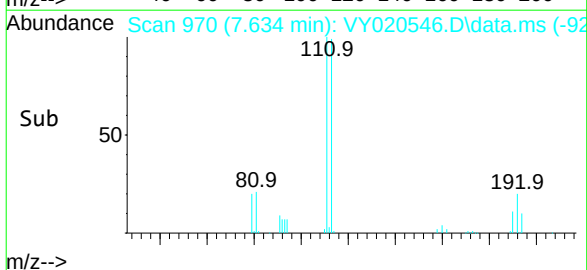
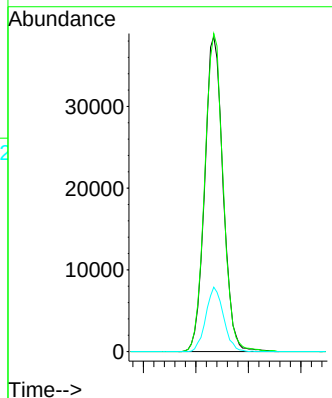
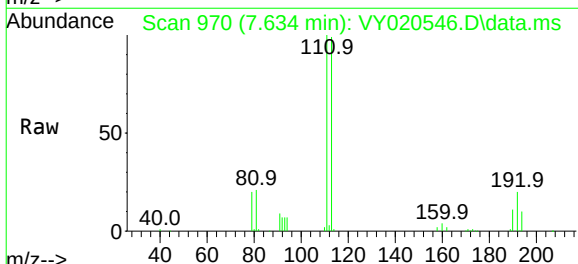
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBL01

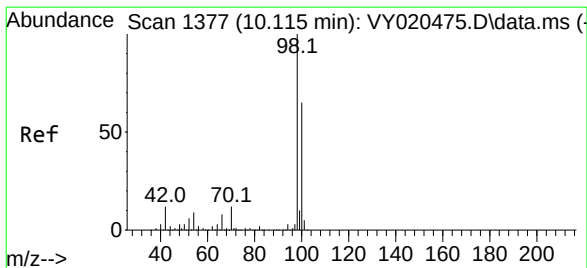
Tgt Ion:	114	Resp:	304419
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.8
88	16.3	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.814 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion:	113	Resp:	93551
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.0
192	19.7	15.1	22.7





#50

Toluene-d8

Concen: 49.481 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

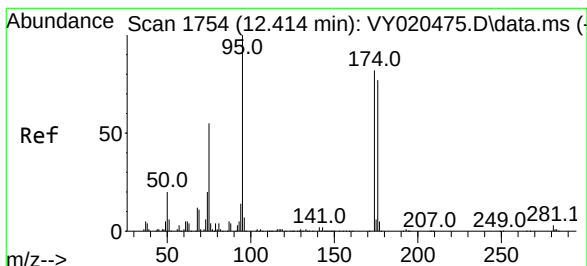
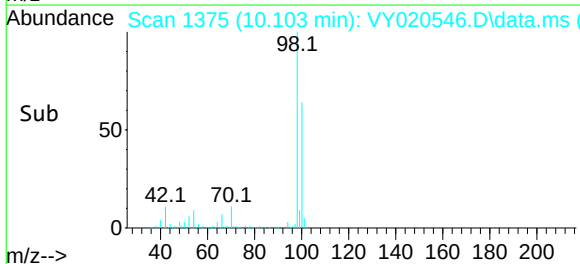
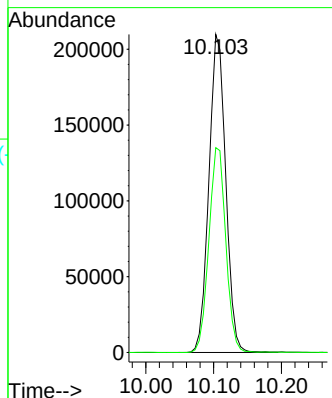
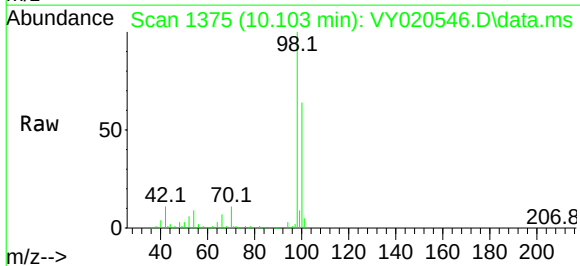
VY1209SBL01

Tgt Ion: 98 Resp: 361094

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 41.631 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

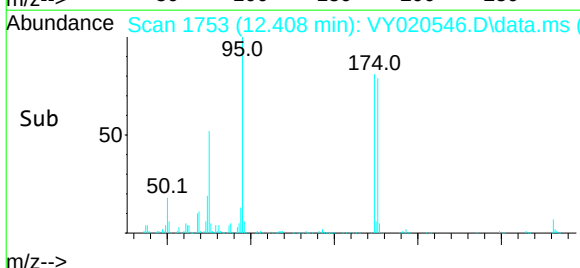
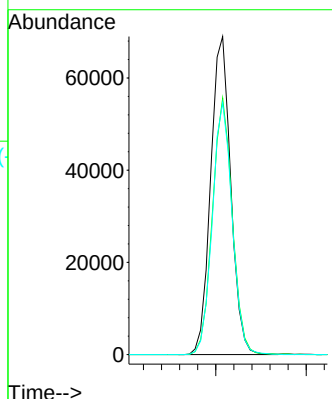
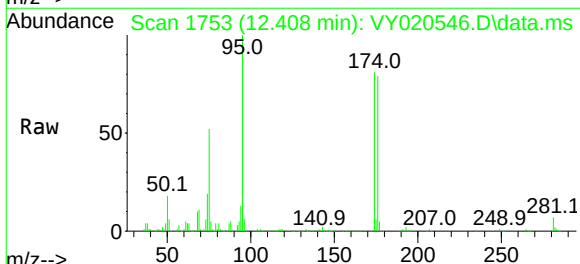
Tgt Ion: 95 Resp: 106254

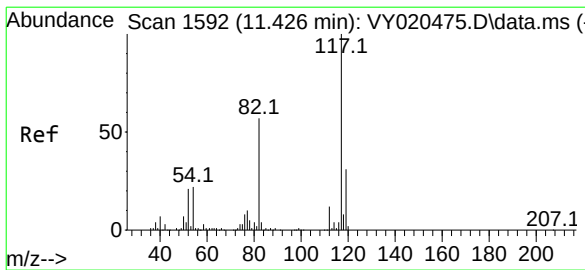
Ion Ratio Lower Upper

95 100

174 80.0 0.0 156.8

176 78.5 0.0 152.0

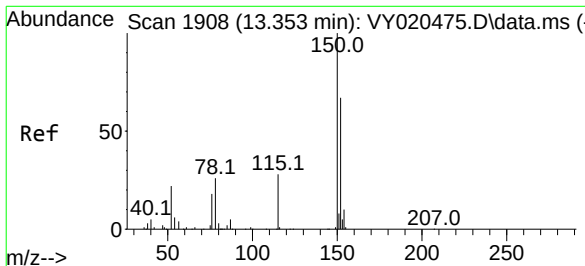
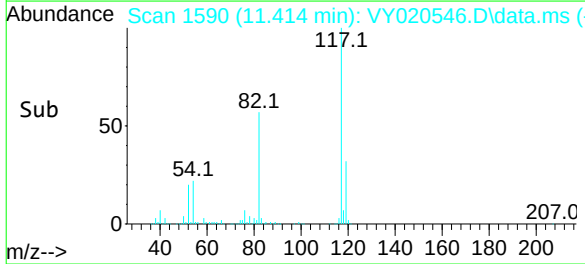
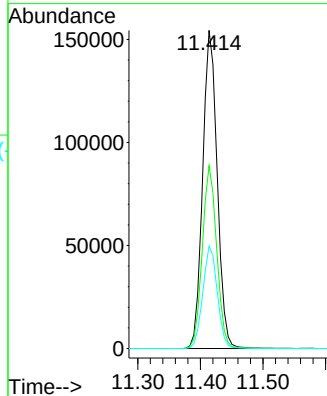
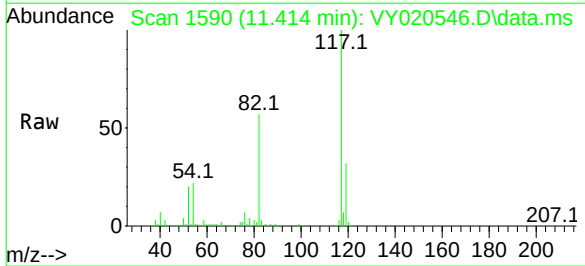




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBL01

Tgt Ion:	117	Resp:	248651
Ion	Ratio	Lower	Upper
117	100		
82	57.5	48.2	72.4
119	32.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion:	152	Resp:	92050
Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.0	90.0
150	157.8	0.0	348.2

