

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020359.D
 Acq On : 20 Nov 2024 15:04
 Operator : SY/MD
 Sample : P4908-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Nov 21 00:48:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	148327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	275316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99194	58.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.420%
35) Dibromofluoromethane	7.634	113	93579	49.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.103	98	356392	48.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.408	95	123776	52.119	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.240%

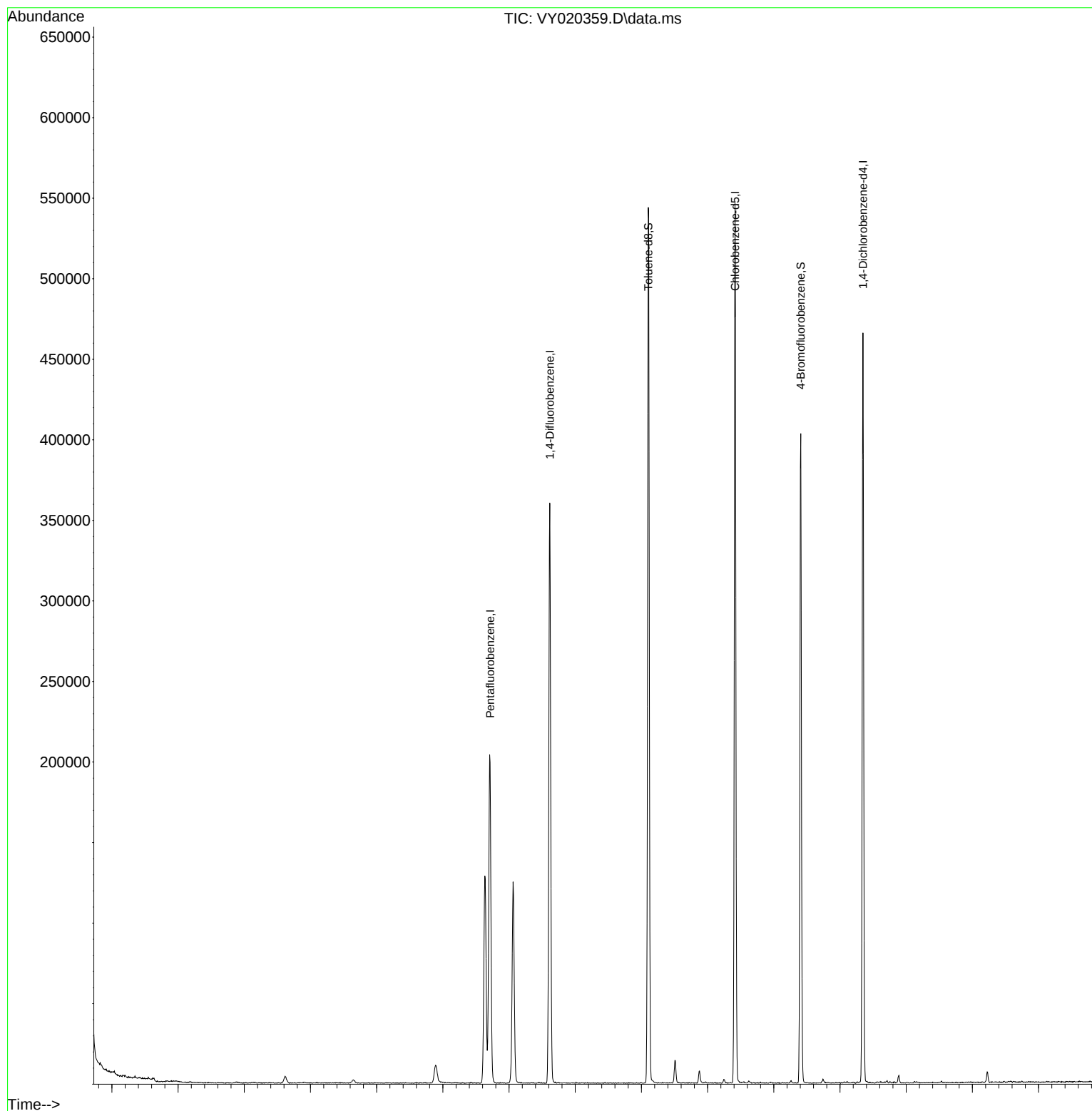
Target Compounds Qvalue

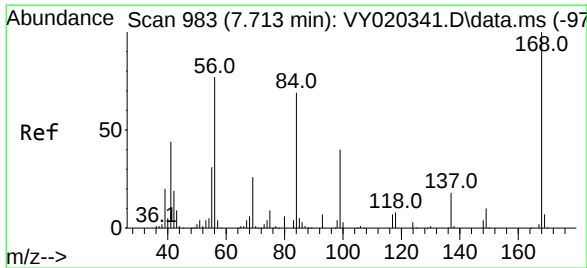
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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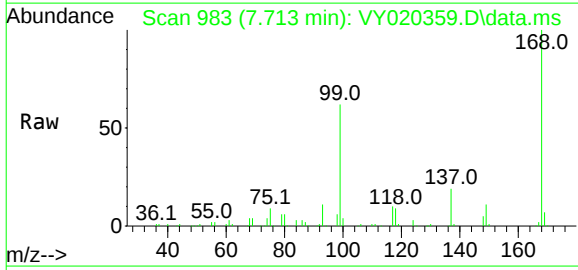
Quant Time: Nov 21 00:48:29 2024
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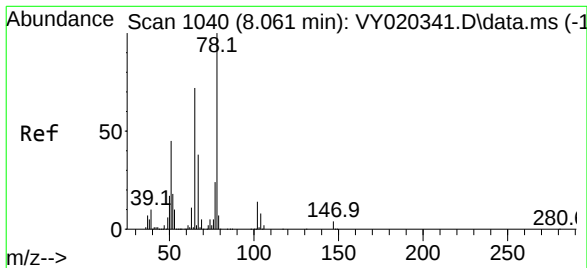
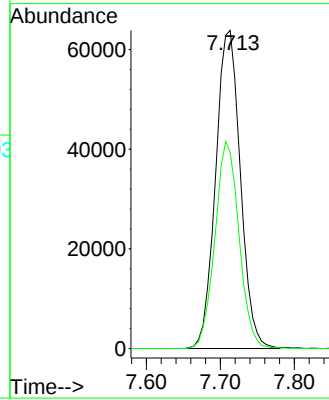
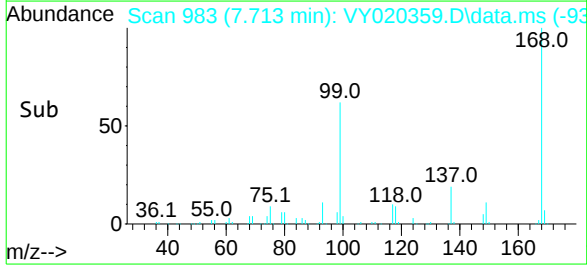


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. 0.000 min
 Lab File: VY020359.D
 Acq: 20 Nov 2024 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

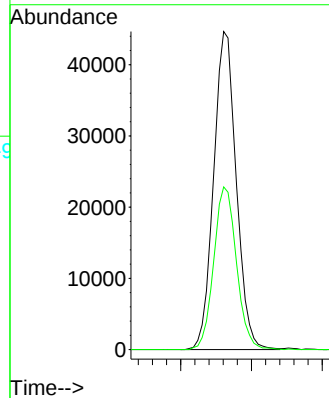
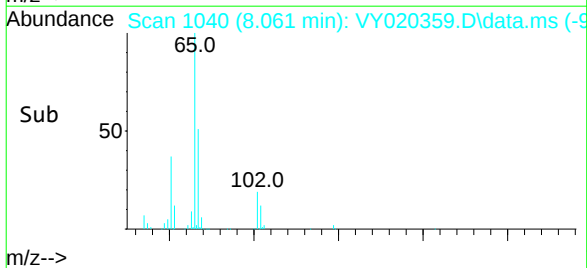
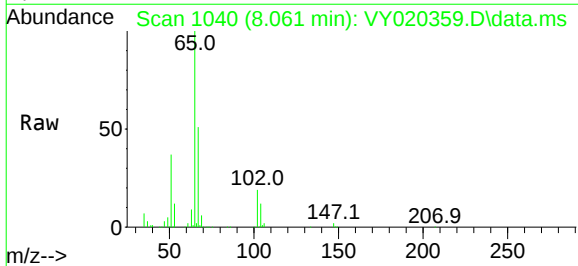


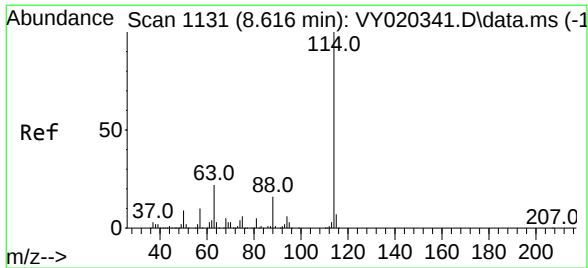
Tgt Ion:168 Resp: 148327
 Ion Ratio Lower Upper
 168 100
 99 61.6 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 58.209 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY020359.D
 Acq: 20 Nov 2024 15:04

Tgt Ion: 65 Resp: 99194
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.8

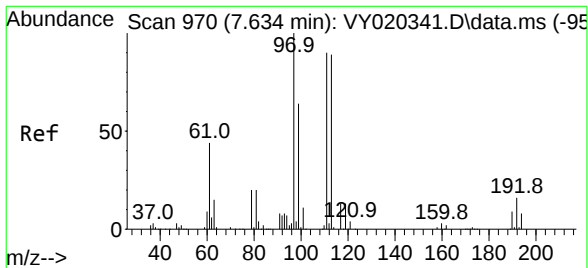
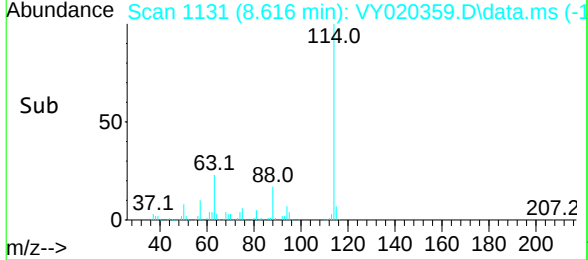
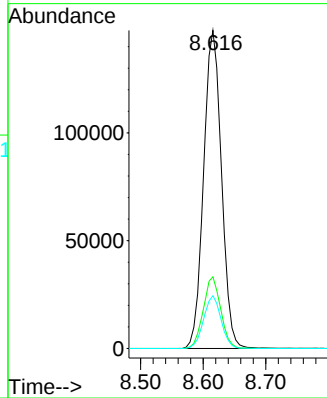
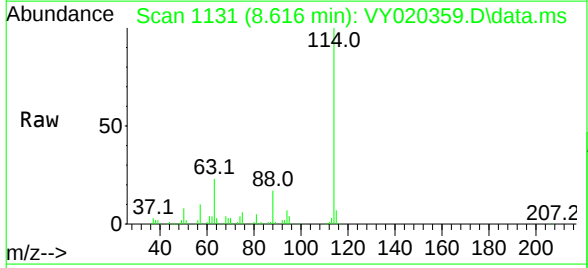




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

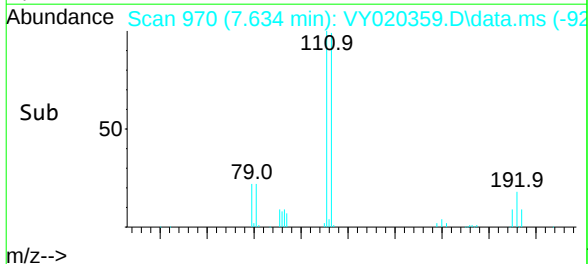
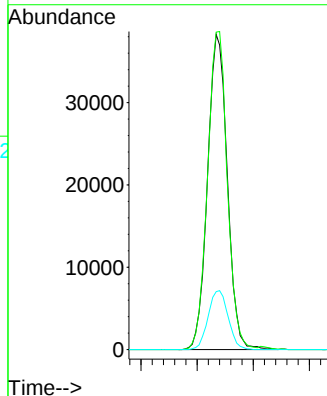
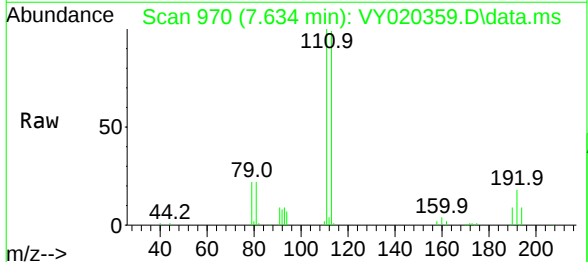
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

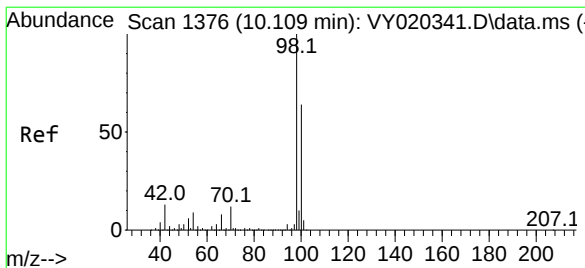
Tgt Ion:	114	Resp:	292471
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.8
88	16.6	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion:	113	Resp:	93579
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 48.242 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020359.D

Acq: 20 Nov 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

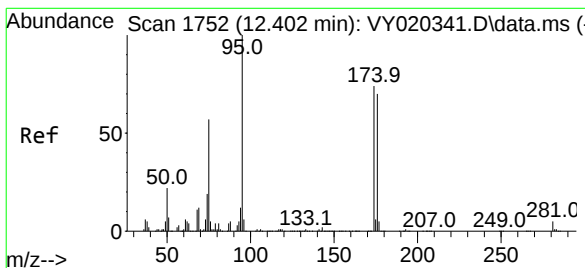
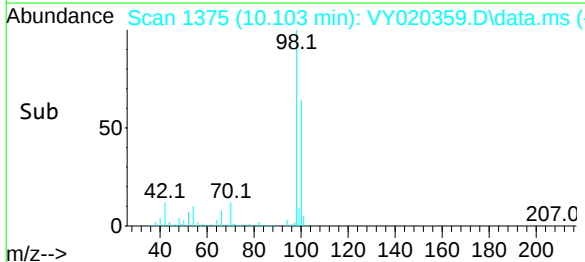
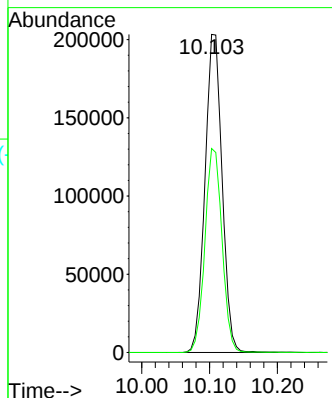
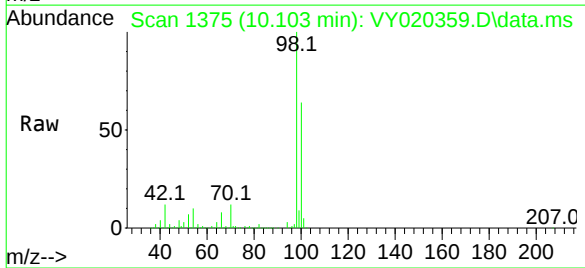
SP-1

Tgt Ion: 98 Resp: 356392

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.119 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020359.D

Acq: 20 Nov 2024 15:04

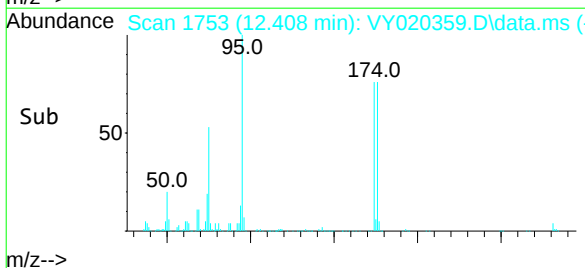
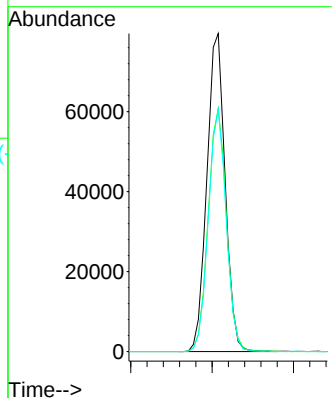
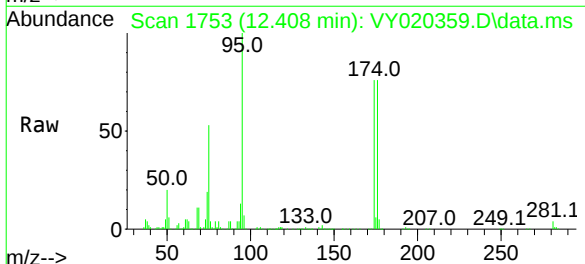
Tgt Ion: 95 Resp: 123776

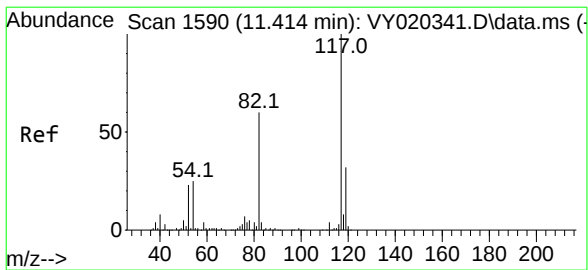
Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.8

176 74.5 0.0 152.0

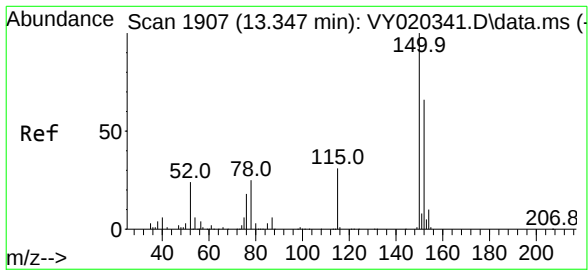
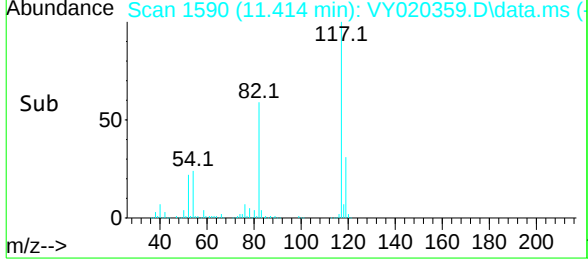
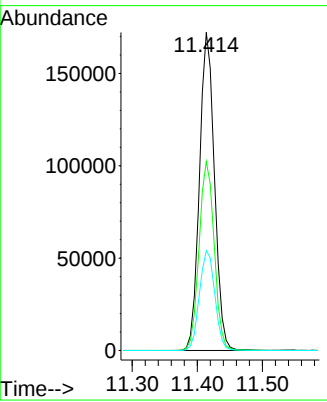
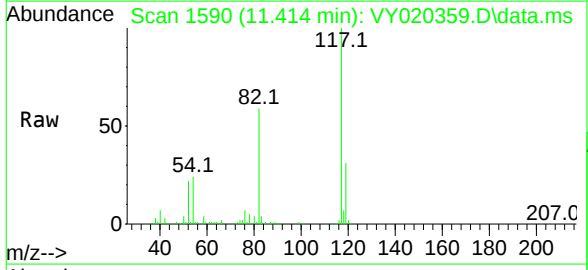




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:	117	Resp:	275316
Ion	Ratio	Lower	Upper
117	100		
82	59.4	48.2	72.4
119	31.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion:	152	Resp:	111330
Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.0	90.0
150	156.2	0.0	348.2

