

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020625.D
 Acq On : 18 Dec 2024 10:52
 Operator : SY/MD
 Sample : VY1218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBL01

Quant Time: Dec 18 14:21:04 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	7.713	168	201389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	355898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	114022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109578	49.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.360%
35) Dibromofluoromethane	7.640	113	112159	44.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.440%
50) Toluene-d8	10.109	98	424991	48.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.408	95	128486	37.413	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.820%

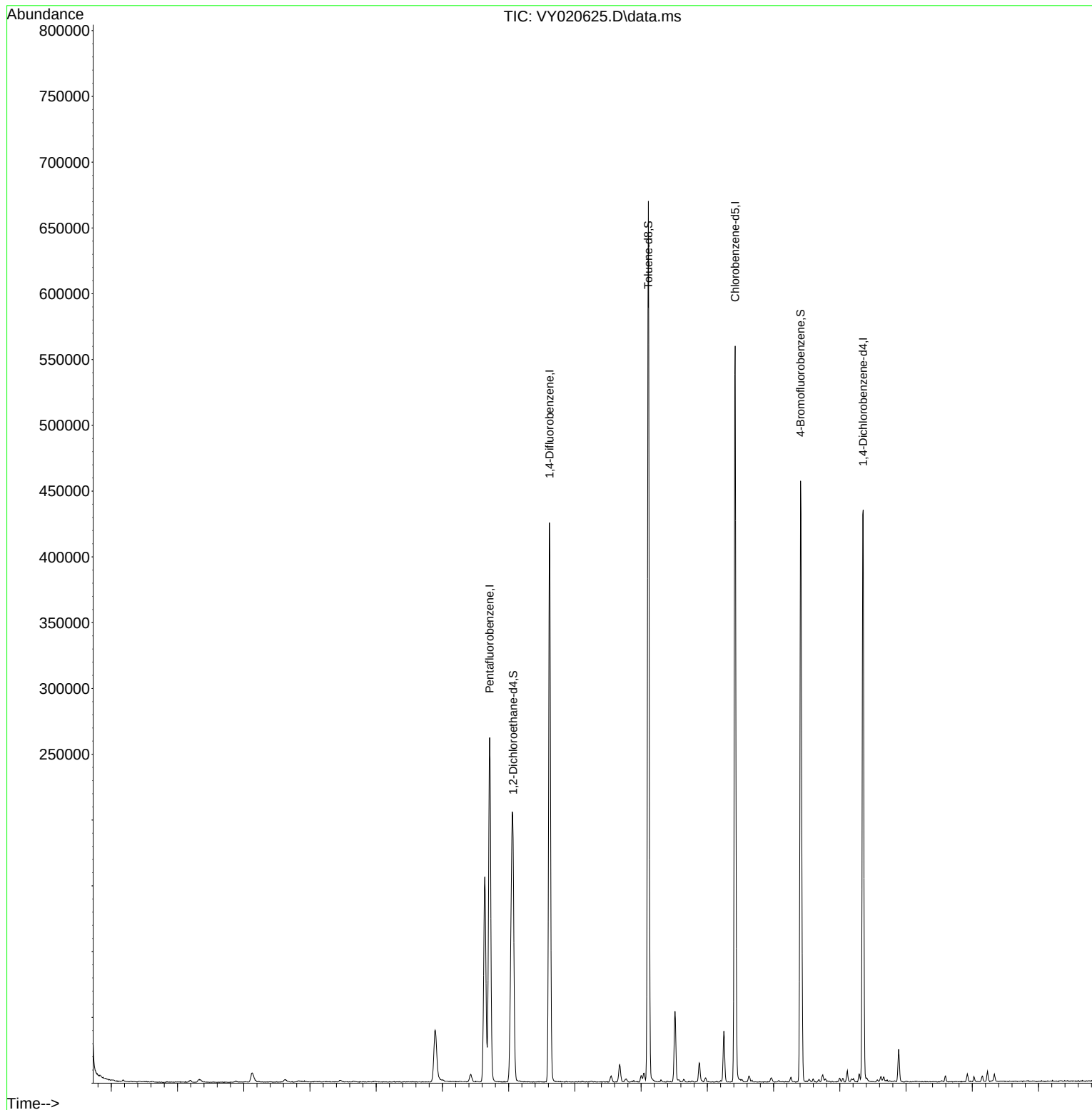
Target Compounds	Qvalue

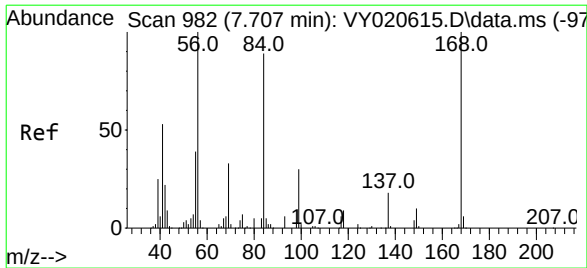
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 98

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

Instrument :

MSVOA_Y

ClientSampleId :

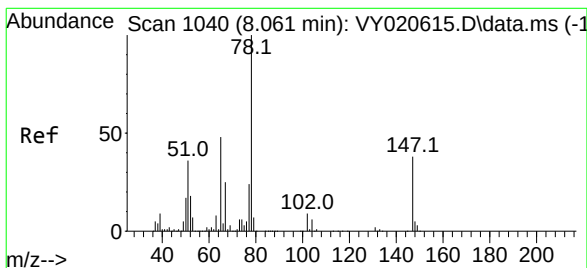
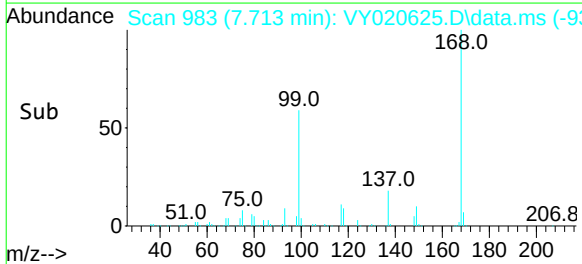
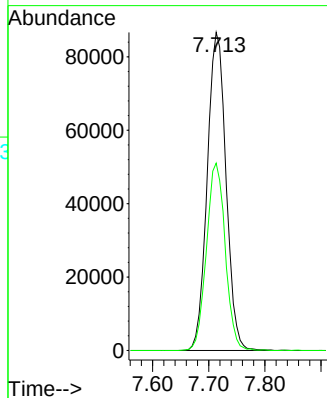
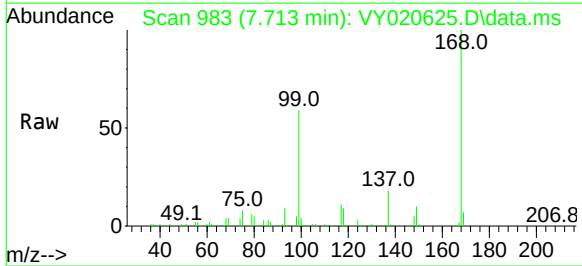
VY1218SBL01

Tgt Ion:168 Resp: 201389

Ion Ratio Lower Upper

168 100

99 58.9 47.0 70.6



#33

1,2-Dichloroethane-d4

Concen: 49.681 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020625.D

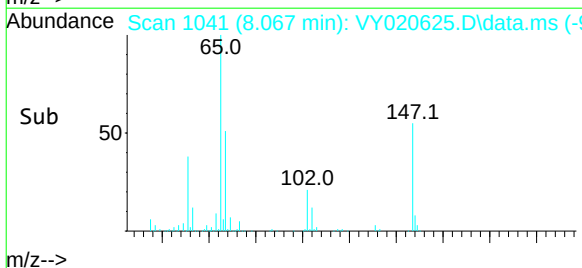
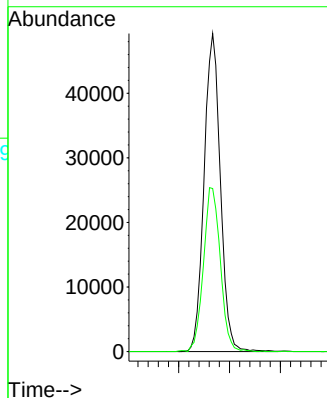
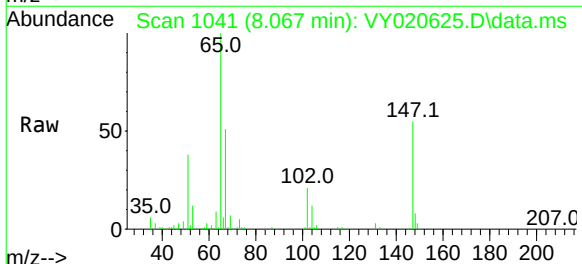
Acq: 18 Dec 2024 10:52

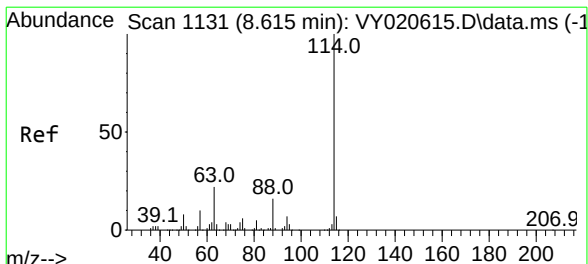
Tgt Ion: 65 Resp: 109578

Ion Ratio Lower Upper

65 100

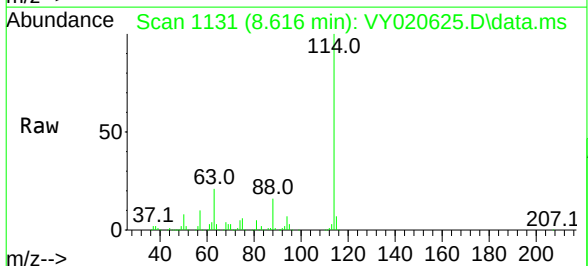
67 53.4 0.0 108.0





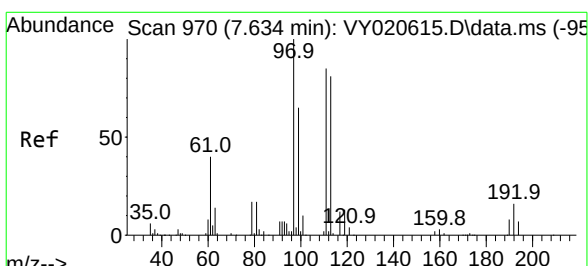
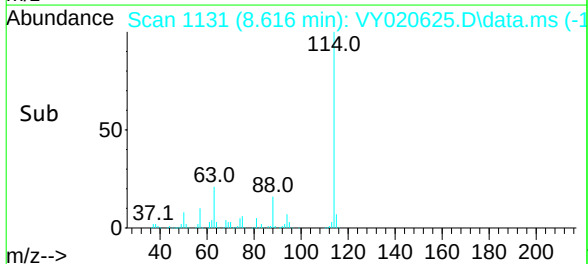
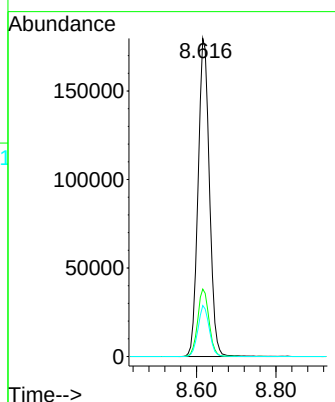
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020625.D
 Acq: 18 Dec 2024 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBL01



Tgt Ion: 114 Resp: 355898

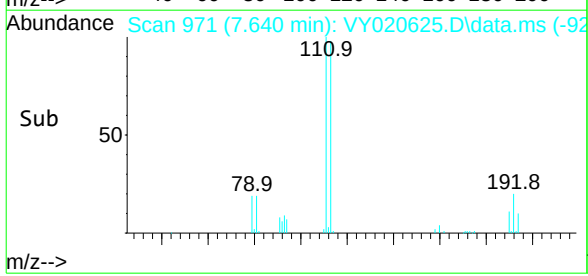
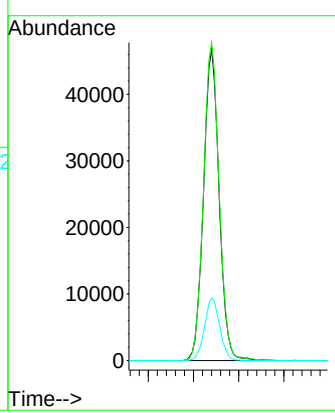
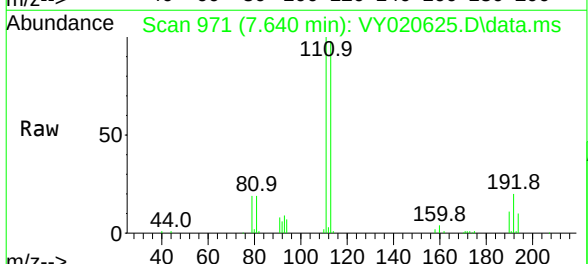
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.0
88	16.0	0.0	32.8

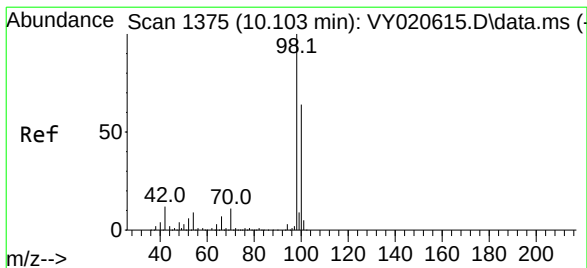


#35
 Dibromofluoromethane
 Concen: 44.716 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020625.D
 Acq: 18 Dec 2024 10:52

Tgt Ion: 113 Resp: 112159

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.5	15.7	23.5





#50

Toluene-d8

Concen: 48.408 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

Instrument :

MSVOA_Y

ClientSampleId :

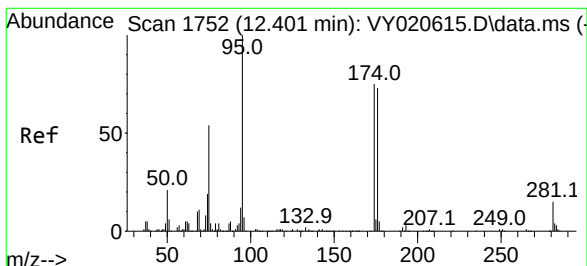
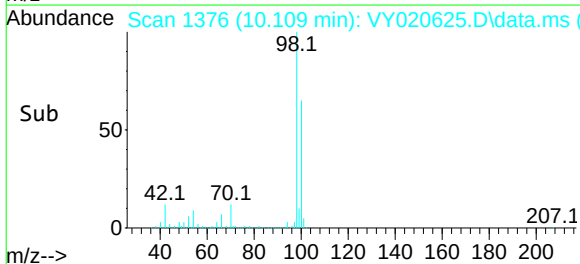
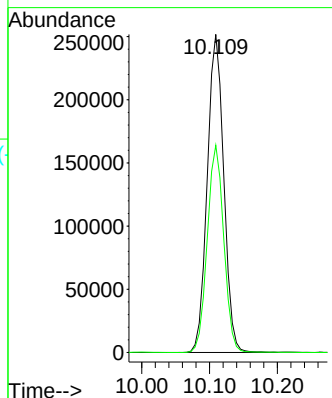
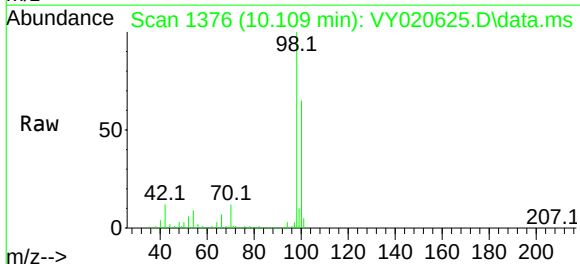
VY1218SBL01

Tgt Ion: 98 Resp: 424991

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.413 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

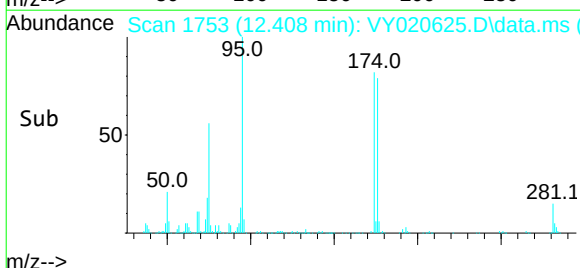
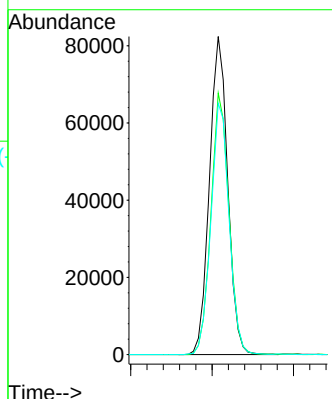
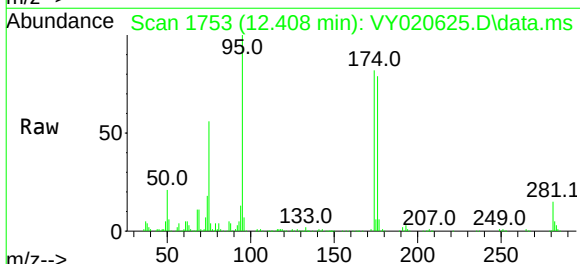
Tgt Ion: 95 Resp: 128486

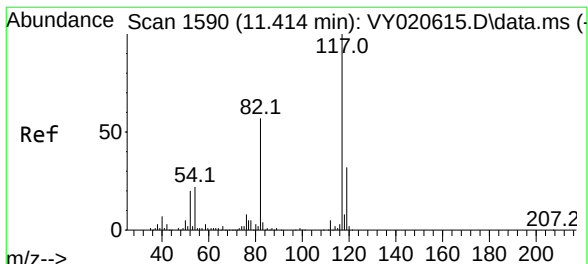
Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.8

176 78.5 0.0 156.6

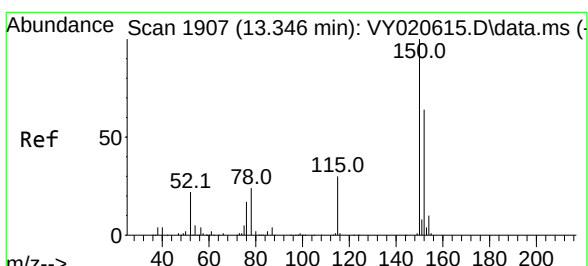
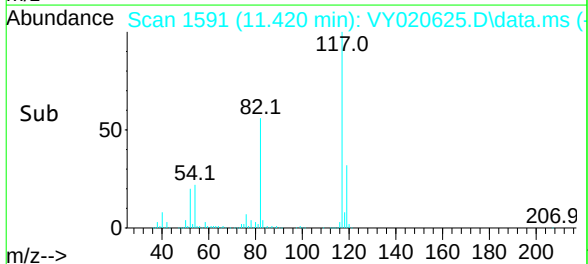
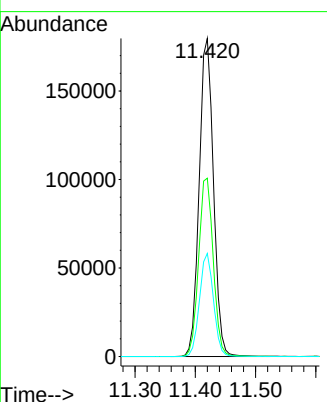
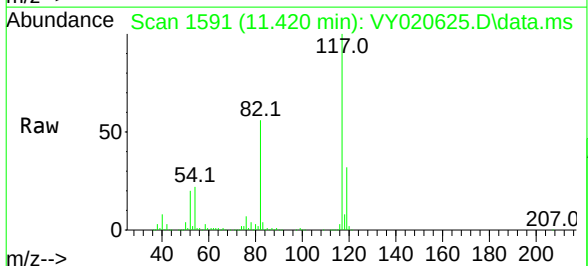




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBL01

Tgt Ion:	117	Resp:	296016
Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.8	68.6
119	32.4	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Tgt Ion:	152	Resp:	114022
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	157.4	0.0	355.4

