

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020462.D
 Acq On : 27 Nov 2024 13:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 28 01:00:16 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	132756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	253557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	234657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	87917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	76353	50.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.120%
35) Dibromofluoromethane	7.640	113	78646	48.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.109	98	308674	48.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.408	95	98517	47.849	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.700%

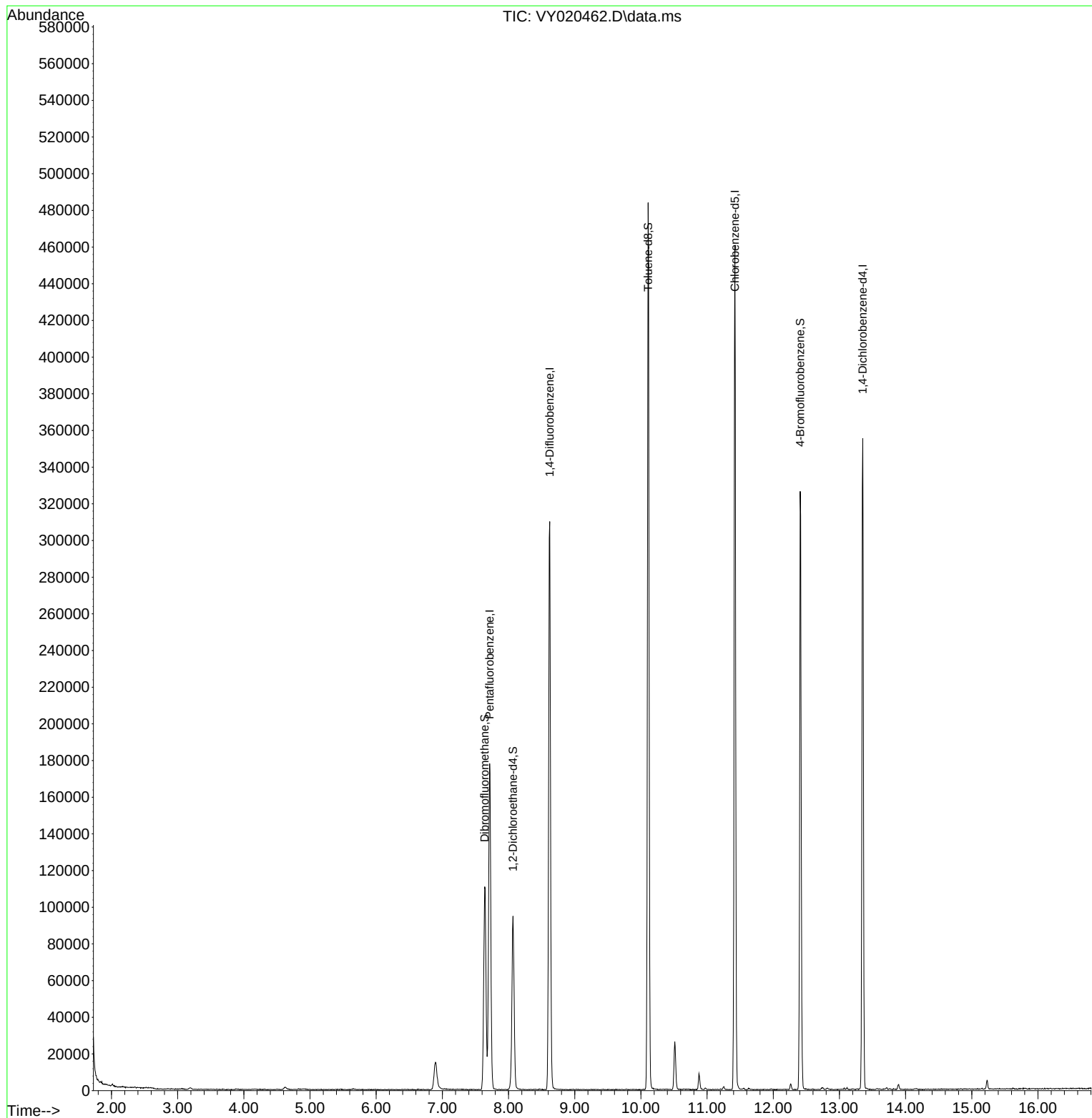
Target Compounds	Qvalue

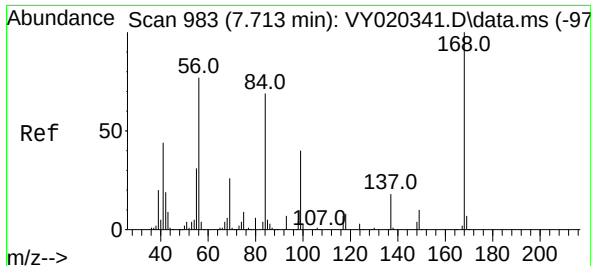
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY112724\
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Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
VIBLK

Quant Time: Nov 28 01:00:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y111924S.M
Quant Title : SW846 8260
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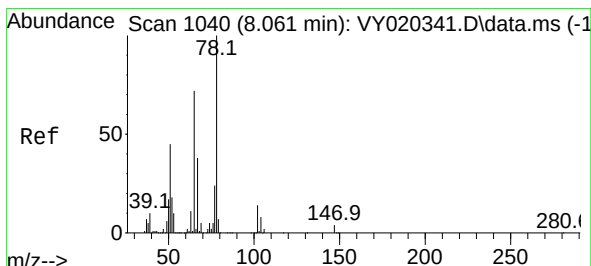
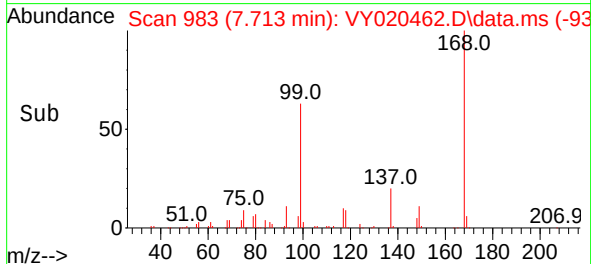
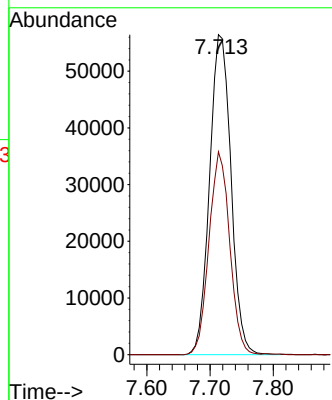
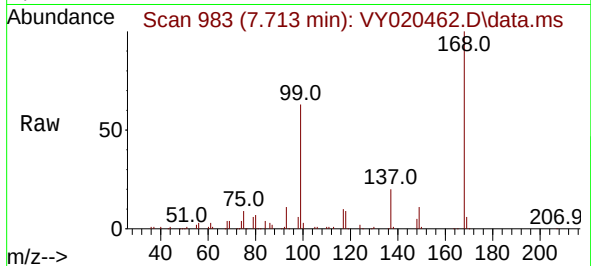




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020462.D
Acq: 27 Nov 2024 13:43

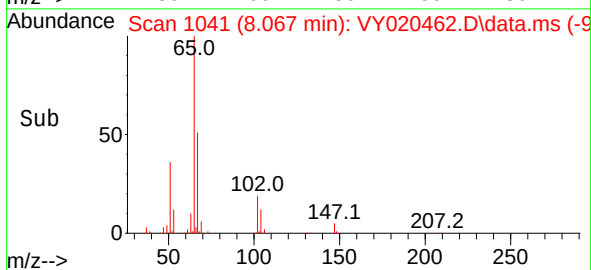
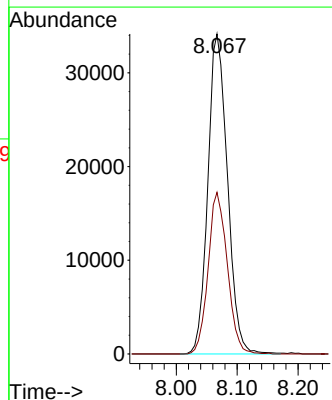
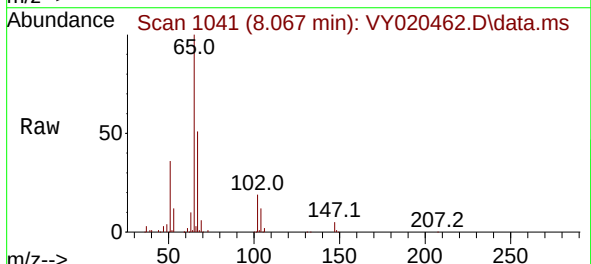
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

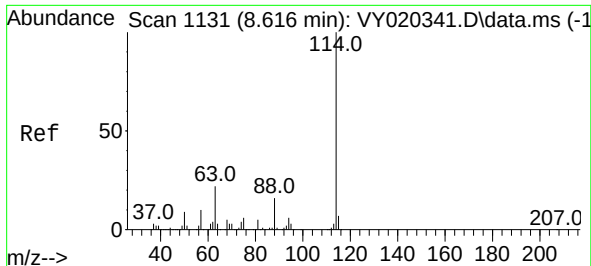
Tgt Ion:168 Resp: 132756
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 50.061 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020462.D
Acq: 27 Nov 2024 13:43

Tgt Ion: 65 Resp: 76353
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.8

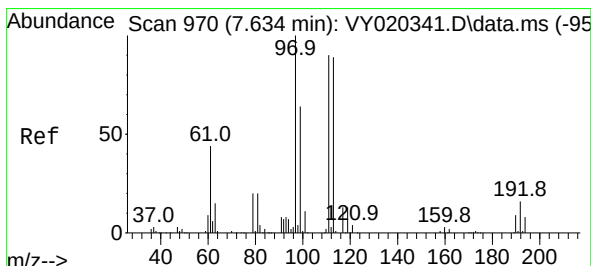
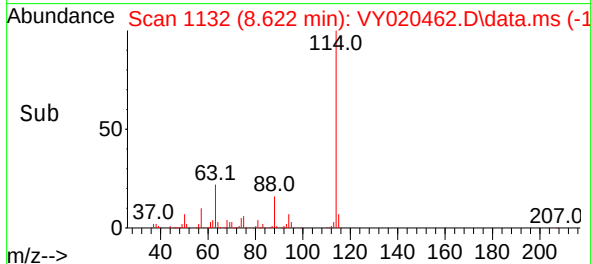
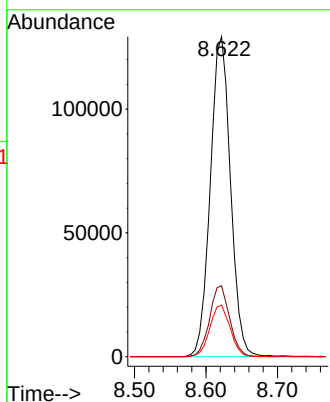
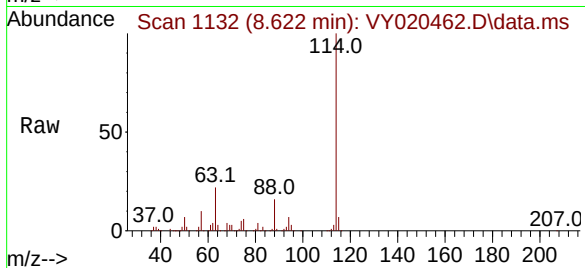




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020462.D
Acq: 27 Nov 2024 13:43

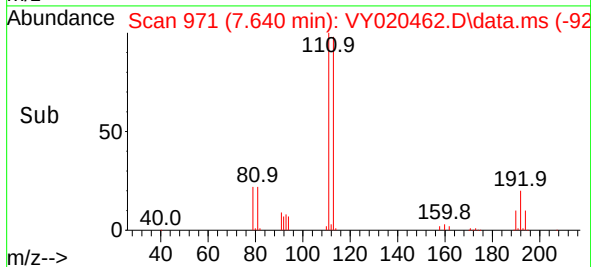
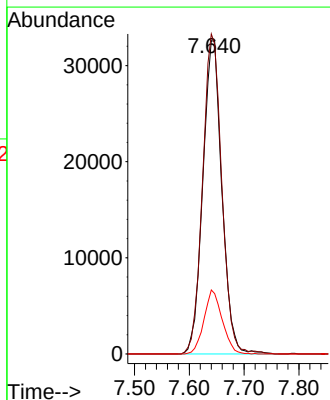
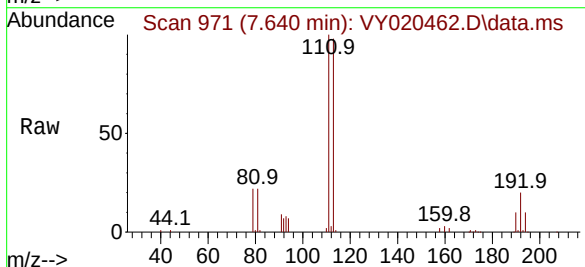
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

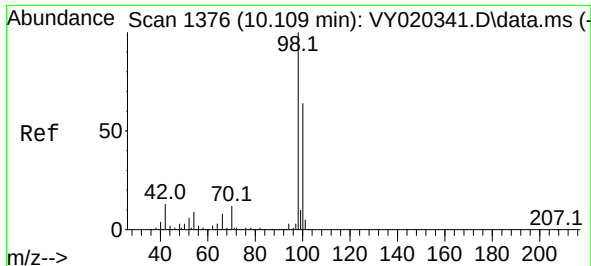
Tgt Ion:114 Resp: 253557
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.8
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.371 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020462.D
Acq: 27 Nov 2024 13:43

Tgt Ion:113 Resp: 78646
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.5 15.1 22.7





#50

Toluene-d8

Concen: 48.195 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020462.D

Acq: 27 Nov 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

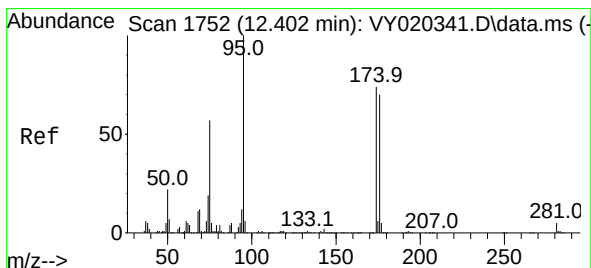
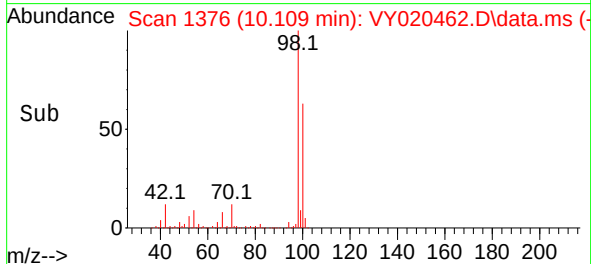
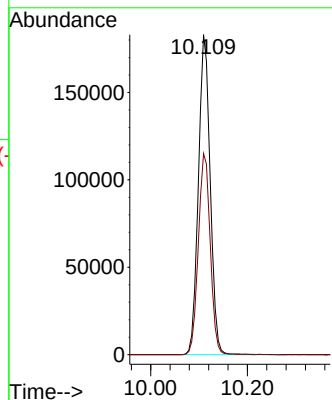
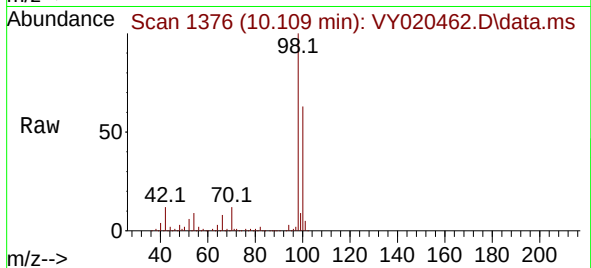
VIBLK

Tgt Ion: 98 Resp: 308674

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.849 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020462.D

Acq: 27 Nov 2024 13:43

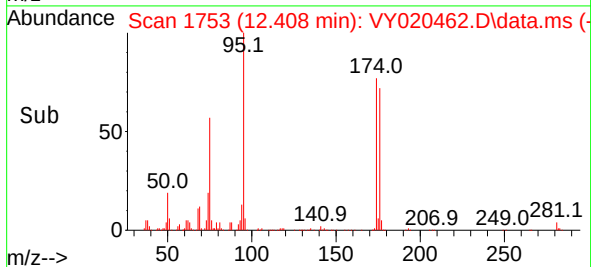
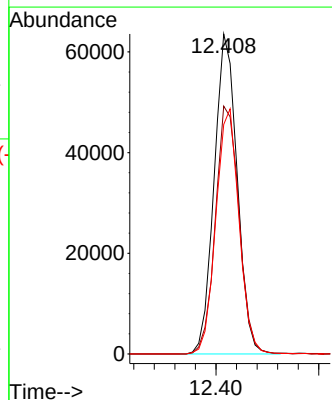
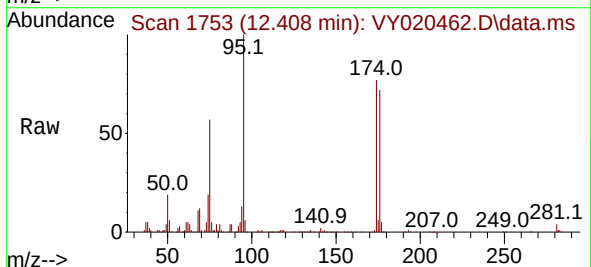
Tgt Ion: 95 Resp: 98517

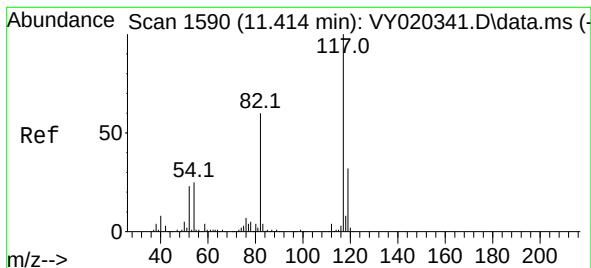
Ion Ratio Lower Upper

95 100

174 80.0 0.0 156.8

176 77.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020462.D

Acq: 27 Nov 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

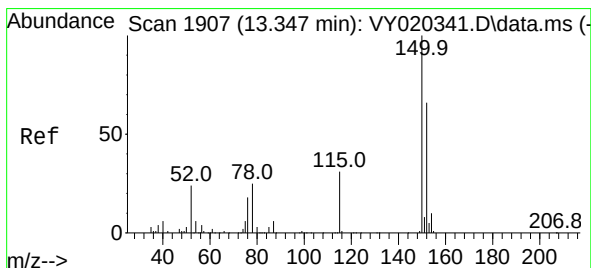
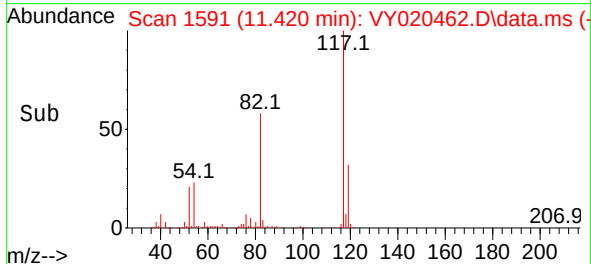
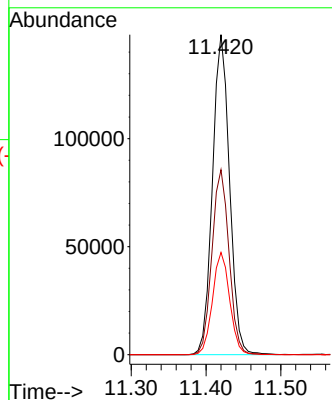
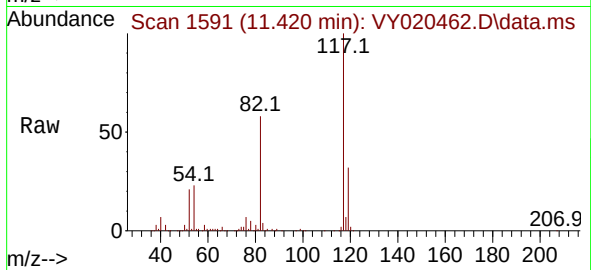
Tgt Ion:117 Resp: 234657

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020462.D

Acq: 27 Nov 2024 13:43

Tgt Ion:152 Resp: 87917

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 156.5 0.0 348.2

