

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020426.D
 Acq On : 25 Nov 2024 13:52
 Operator : SY/MD
 Sample : P4948-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 337RE

Quant Time: Nov 25 15:26:55 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	5843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	7729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4488	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	742	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1907	28.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.820%
35) Dibromofluoromethane	7.640	113	2075	41.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.740%
50) Toluene-d8	10.115	98	8423	43.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.414	95	1340	21.351	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	42.700%

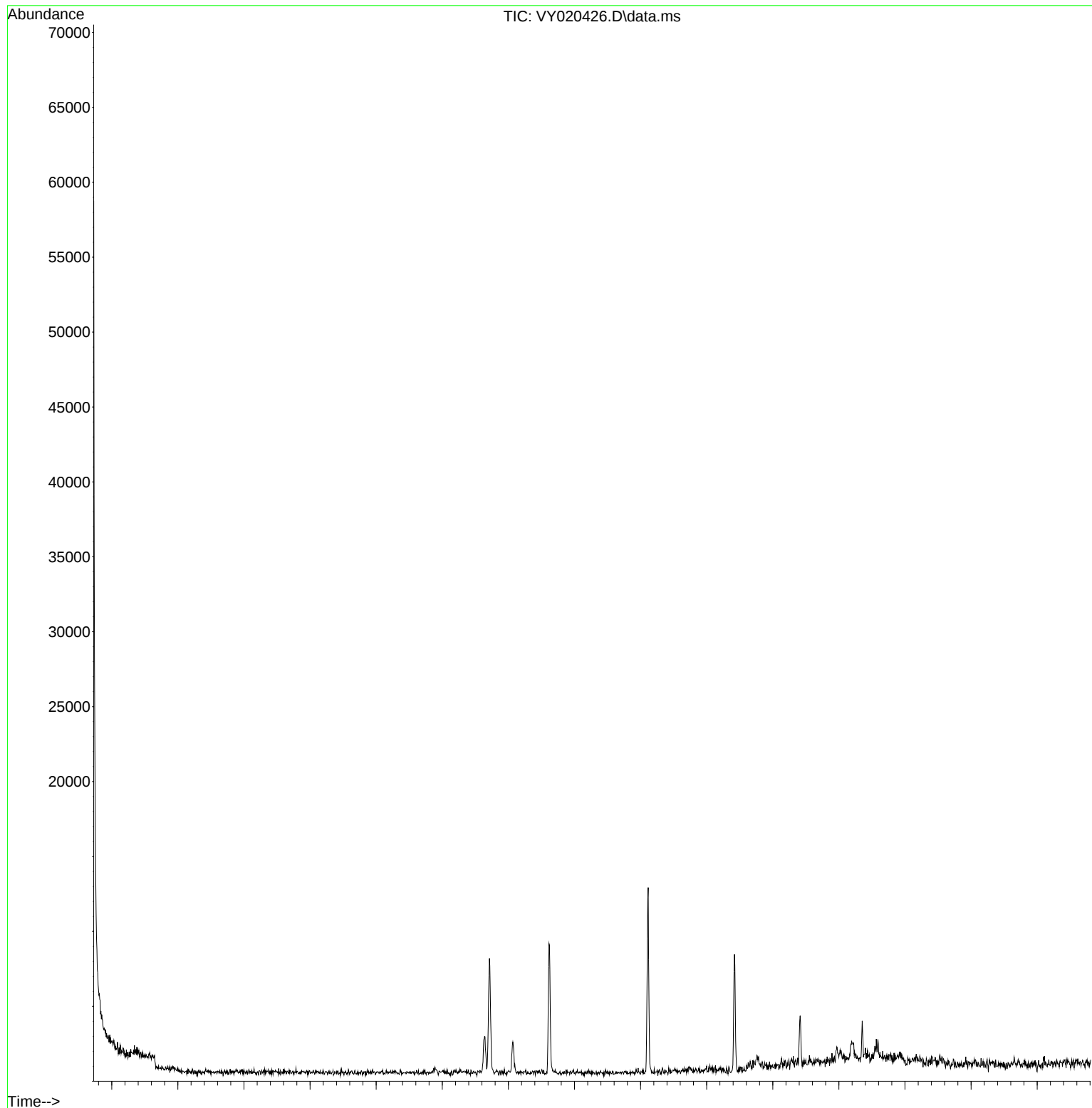
Target Compounds Qvalue

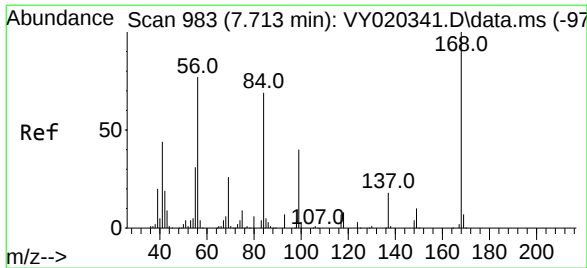
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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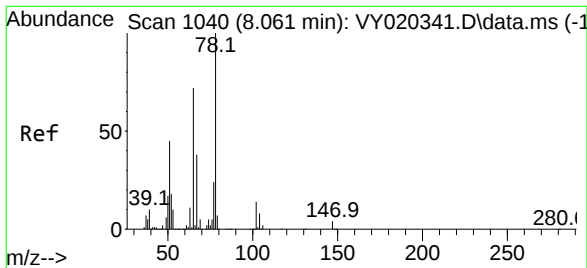
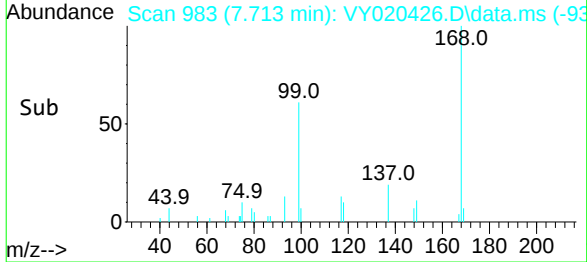
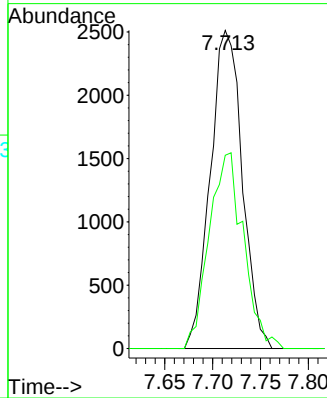
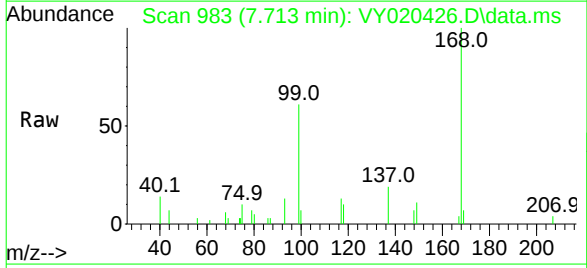




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020426.D
Acq: 25 Nov 2024 13:52

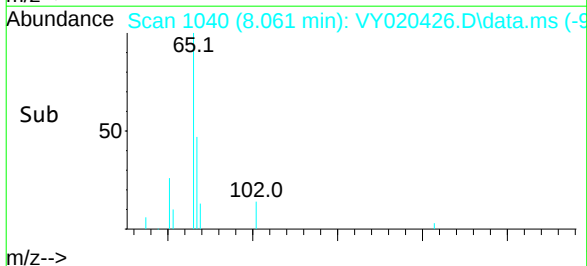
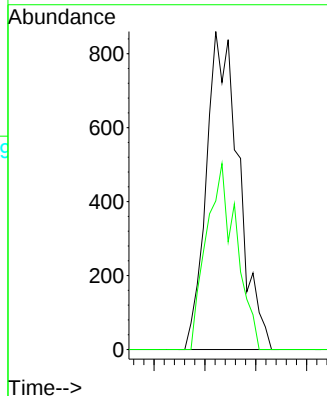
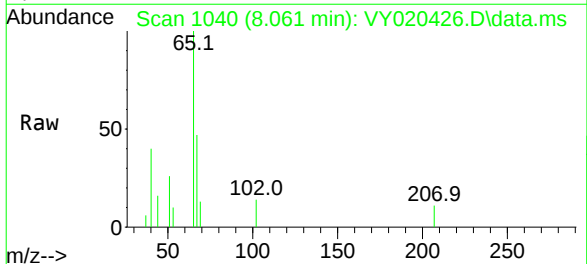
Instrument :
MSVOA_Y
ClientSampleId :
337RE

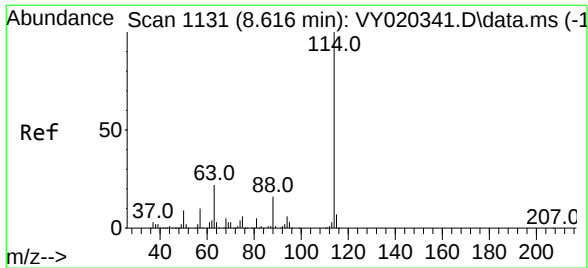
Tgt Ion:168 Resp: 5843
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 28.408 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020426.D
Acq: 25 Nov 2024 13:52

Tgt Ion: 65 Resp: 1907
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

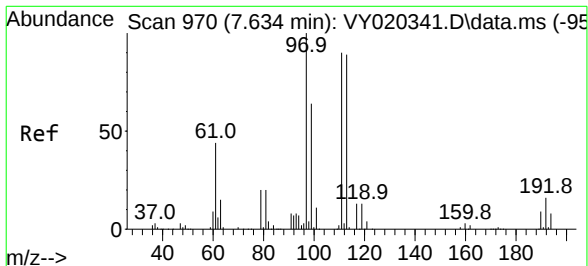
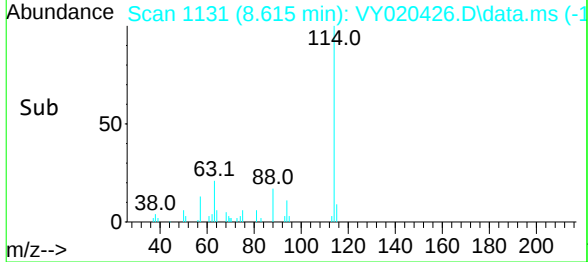
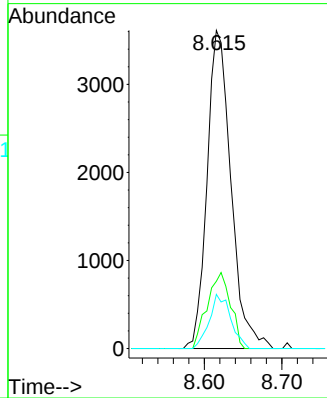
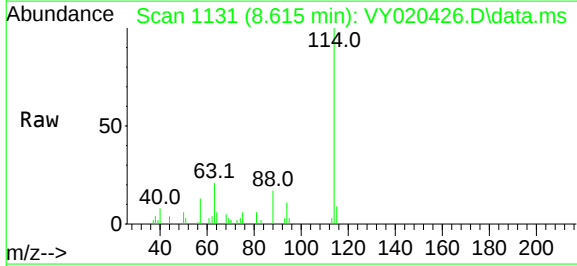




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020426.D
Acq: 25 Nov 2024 13:52

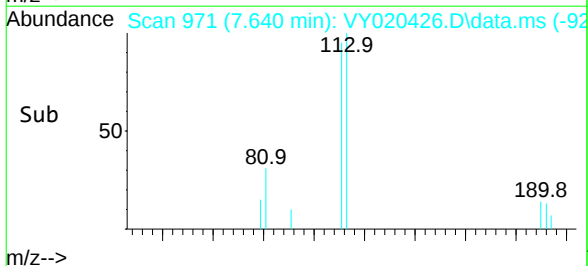
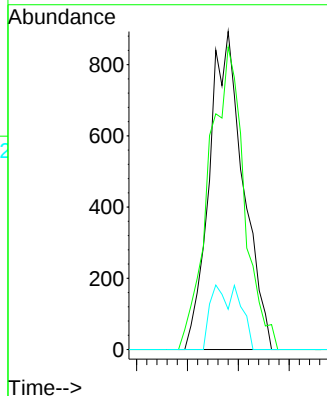
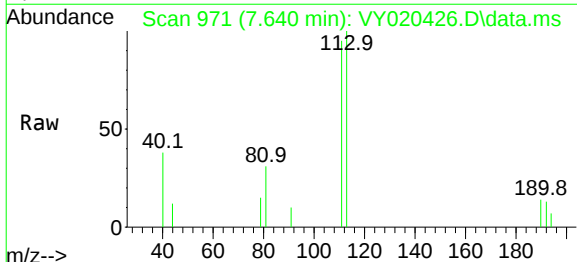
Instrument :
MSVOA_Y
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337RE

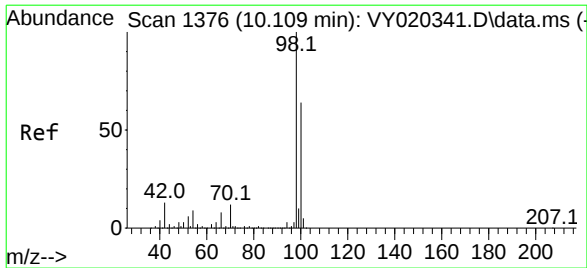
Tgt Ion:	114	Resp:	7729
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.8
88	17.0	0.0	32.0



#35
Dibromofluoromethane
Concen: 41.868 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020426.D
Acq: 25 Nov 2024 13:52

Tgt Ion:	113	Resp:	2075
Ion	Ratio	Lower	Upper
113	100		
111	98.5	81.4	122.0
192	10.2	15.1	22.7#





#50

Toluene-d8

Concen: 43.144 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020426.D

Acq: 25 Nov 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

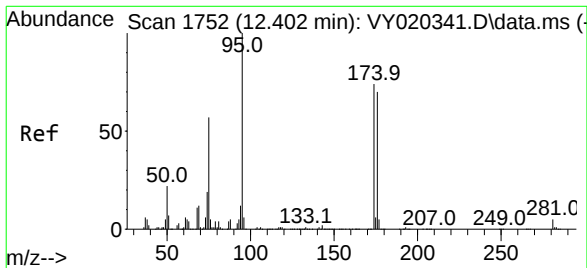
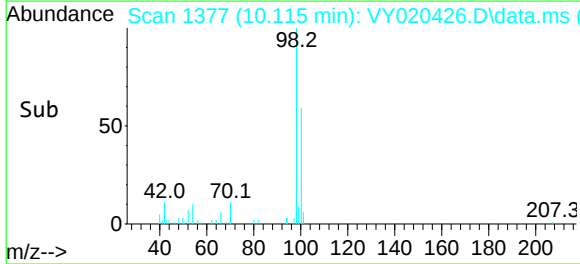
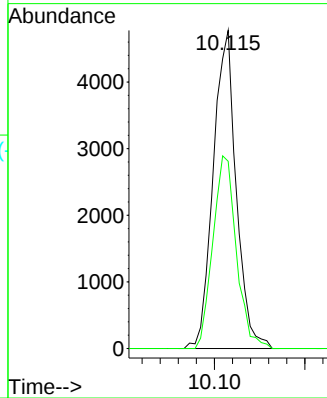
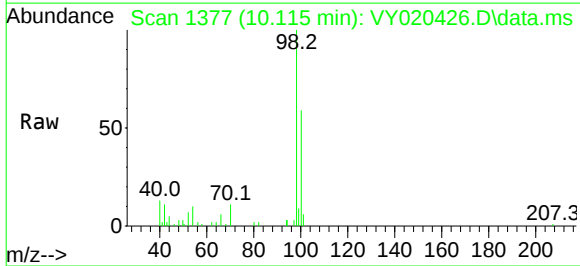
337RE

Tgt Ion: 98 Resp: 8423

Ion Ratio Lower Upper

98 100

100 61.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 21.351 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020426.D

Acq: 25 Nov 2024 13:52

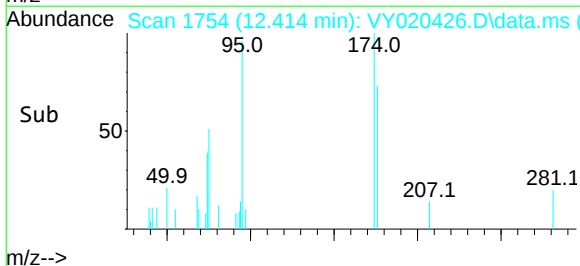
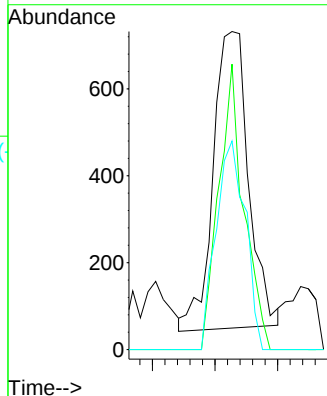
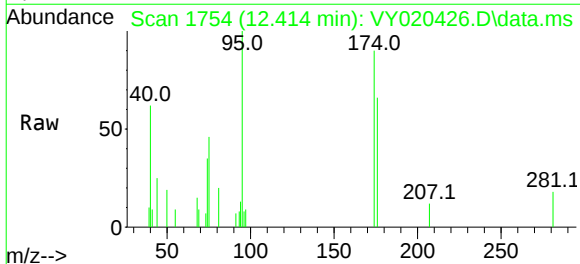
Tgt Ion: 95 Resp: 1340

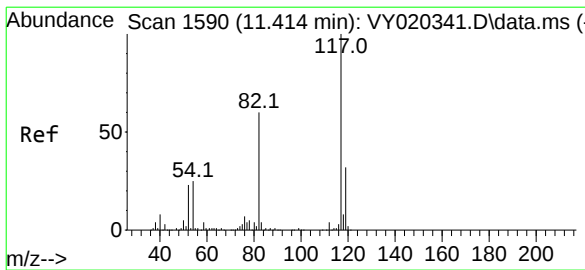
Ion Ratio Lower Upper

95 100

174 68.3 0.0 156.8

176 58.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020426.D

Acq: 25 Nov 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

337RE

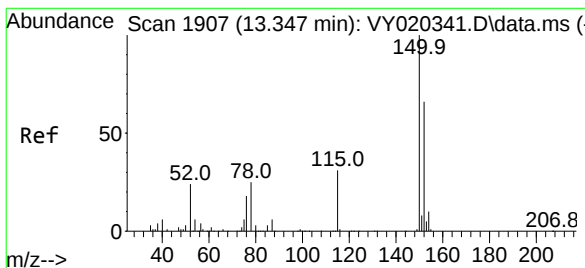
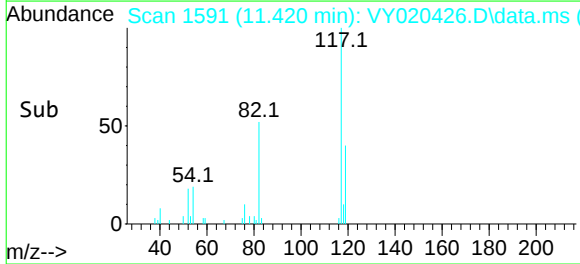
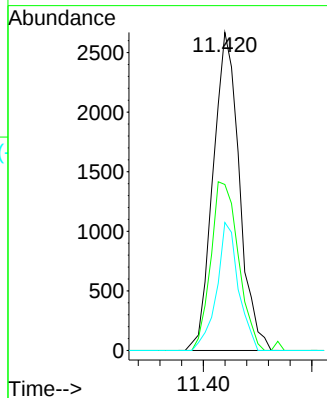
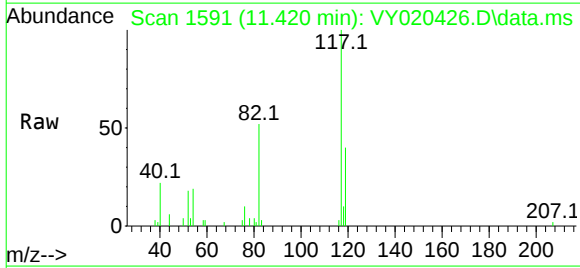
Tgt Ion:117 Resp: 4488

Ion Ratio Lower Upper

117 100

82 52.2 48.2 72.4

119 40.2 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020426.D

Acq: 25 Nov 2024 13:52

Tgt Ion:152 Resp: 742

Ion Ratio Lower Upper

152 100

115 52.0 30.0 90.0

150 129.9 0.0 348.2

