

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020144.D
 Acq On : 04 Nov 2024 15:46
 Operator : SY/MD
 Sample : P4675-06
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Quant Time: Nov 05 00:33:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	163201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	341777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	319250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116055	56.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.960%
35) Dibromofluoromethane	7.640	113	114620	52.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.500%
50) Toluene-d8	10.109	98	431348	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.407	95	130041	46.286	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.580%

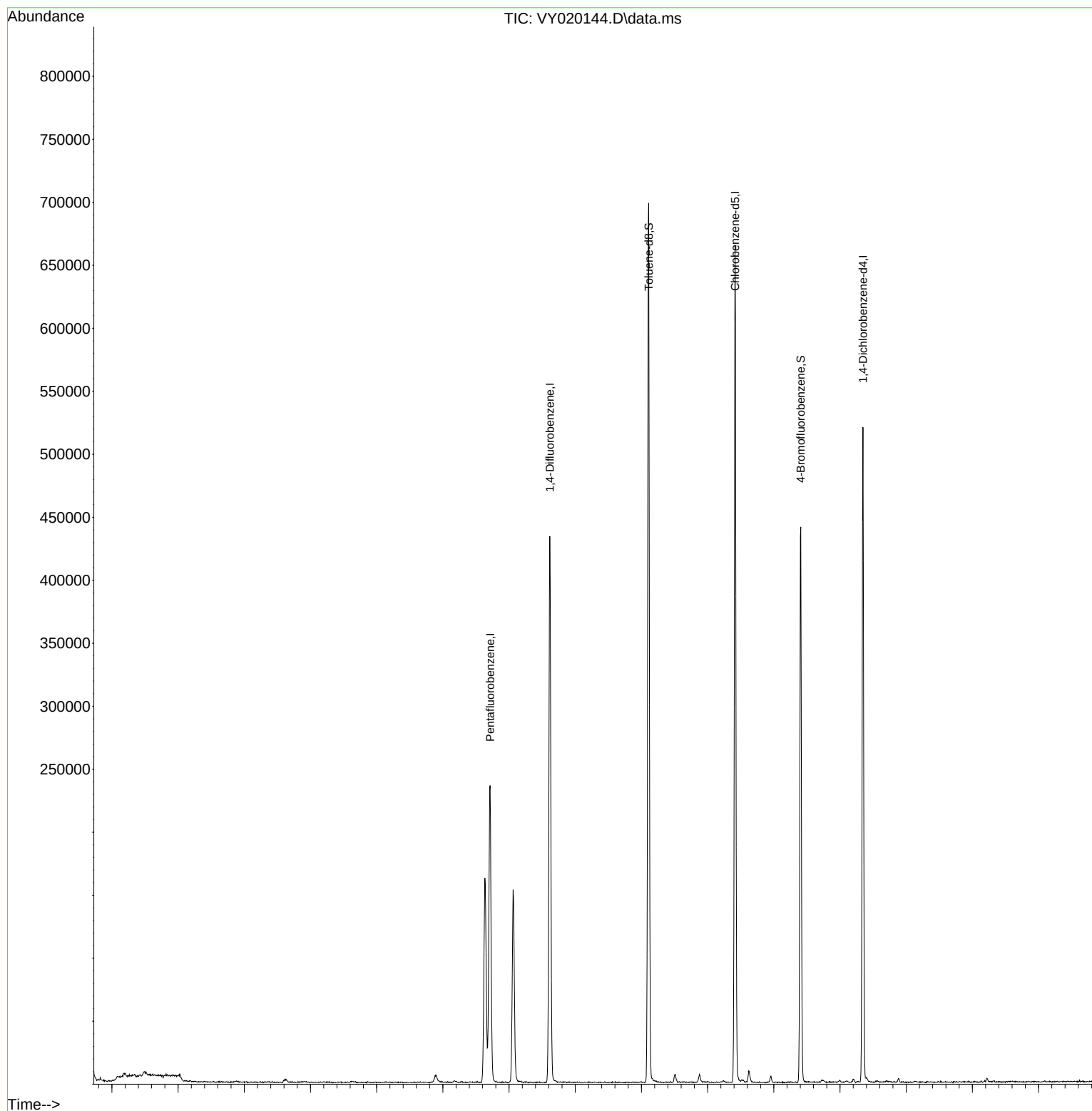
Target Compounds Qvalue

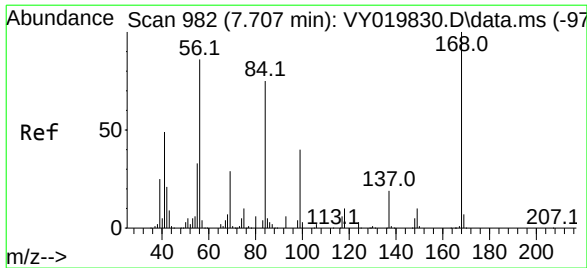
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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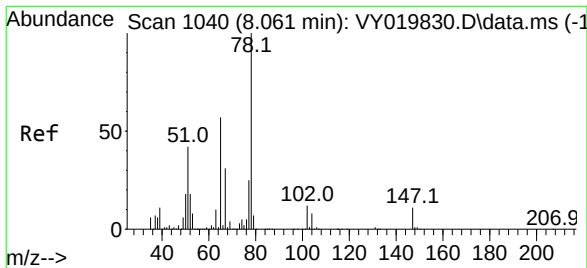
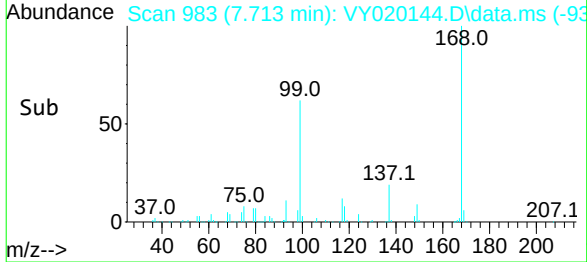
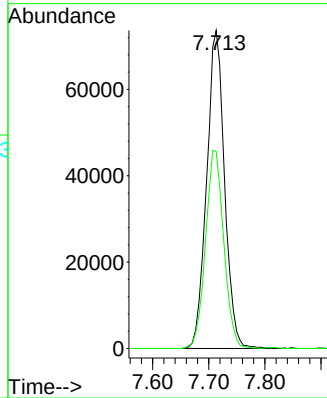
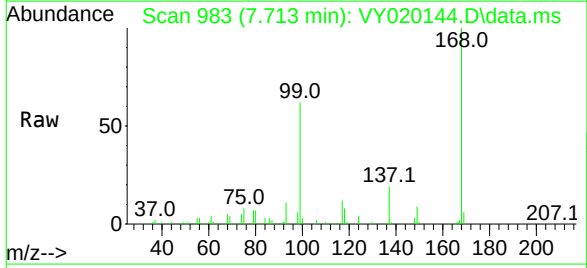




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

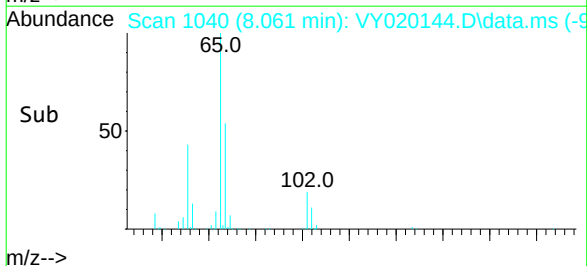
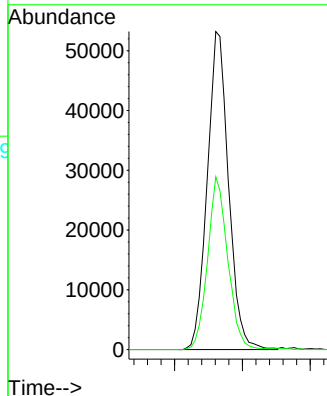
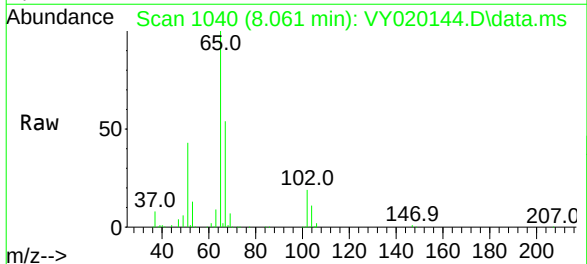
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

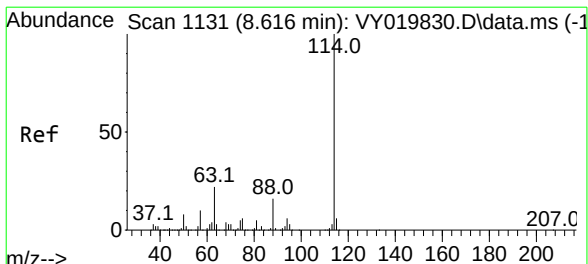
Tgt Ion:168 Resp: 163201
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.978 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Tgt Ion: 65 Resp: 116055
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

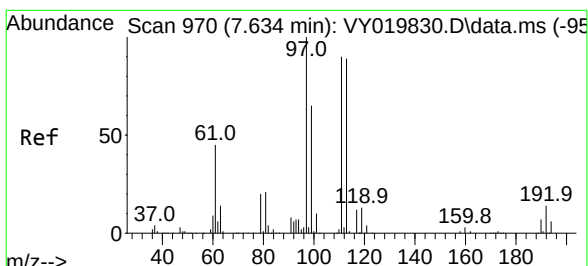
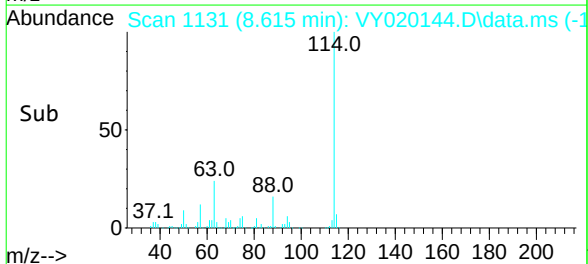
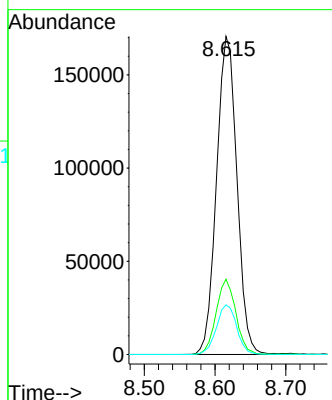
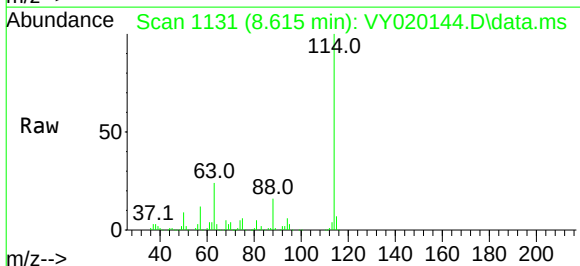




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

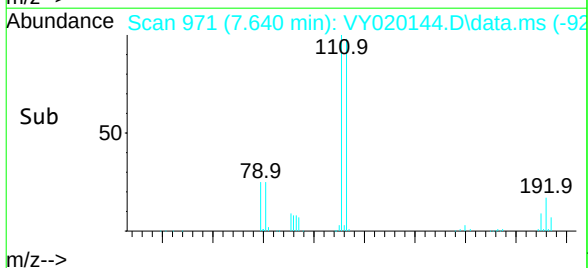
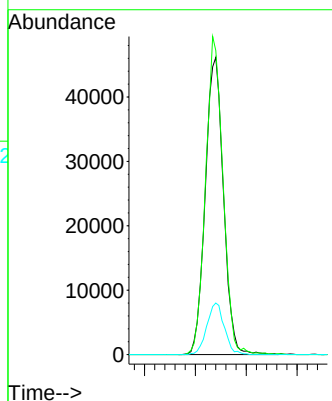
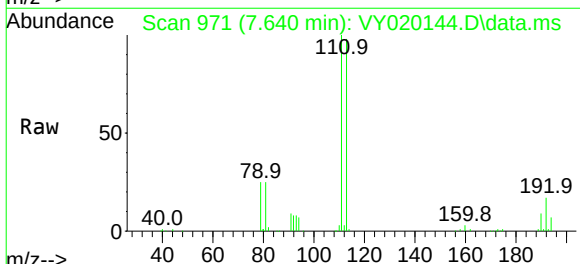
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

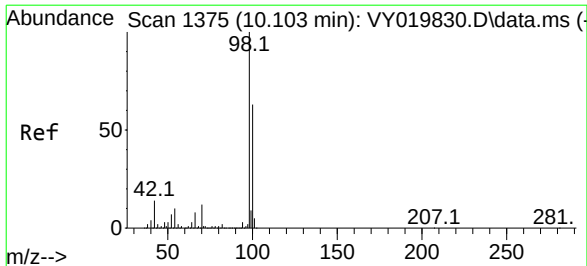
Tgt Ion:	114	Resp:	341777
Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	35.0
88	15.6	0.0	27.2



#35
Dibromofluoromethane
Concen: 52.747 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Tgt Ion:	113	Resp:	114620
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 49.869 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

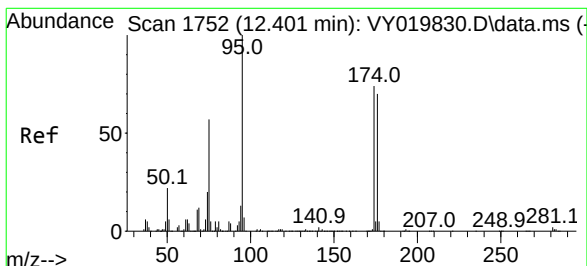
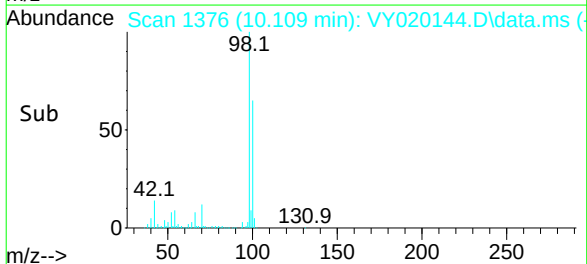
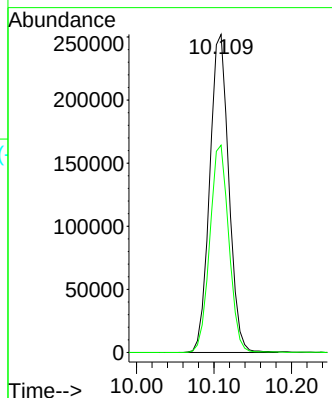
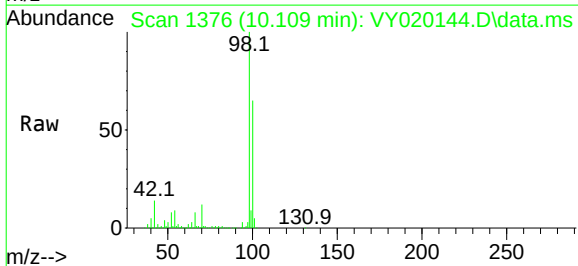
COMP-6

Tgt Ion: 98 Resp: 431348

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

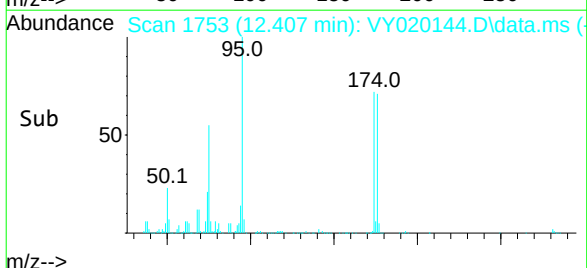
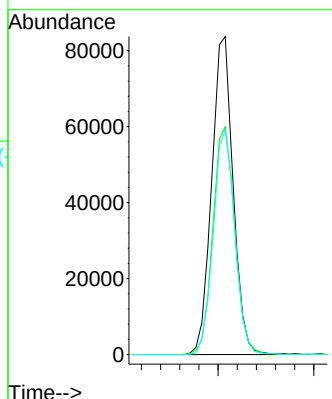
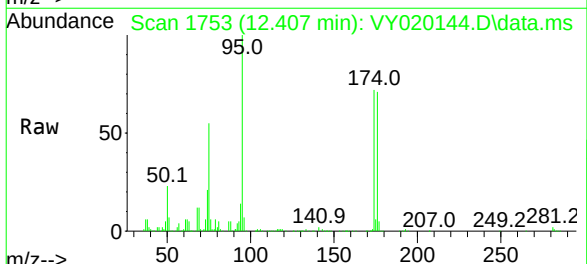
Tgt Ion: 95 Resp: 130041

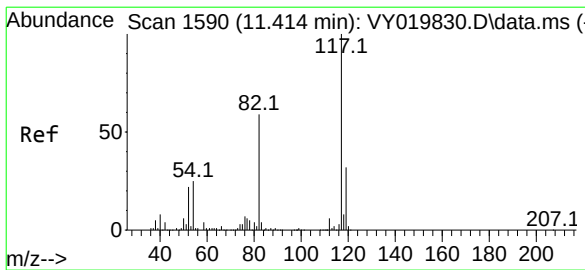
Ion Ratio Lower Upper

95 100

174 73.3 0.0 175.6

176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

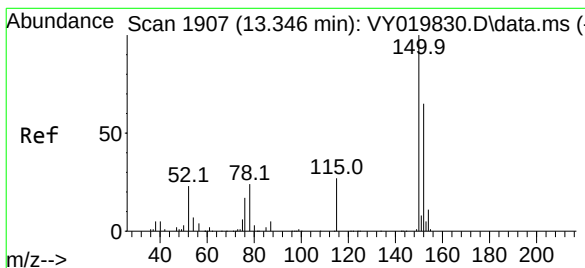
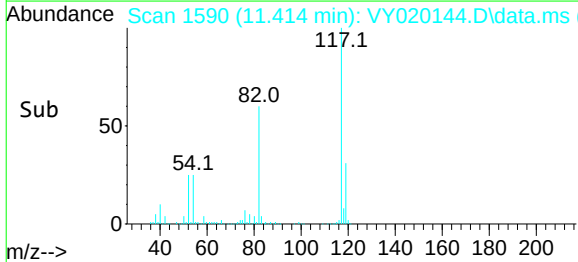
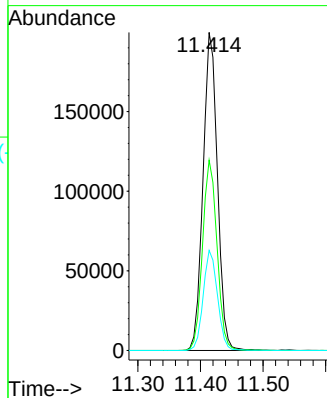
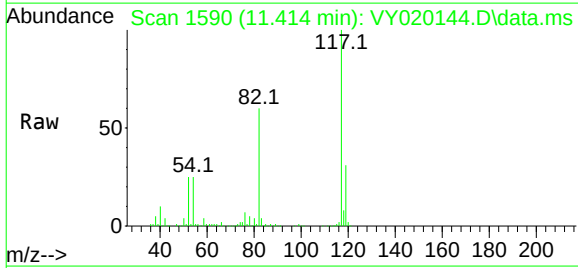
Tgt Ion:117 Resp: 319250

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Tgt Ion:152 Resp: 113506

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 158.0 0.0 345.6

