

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020181.D
 Acq On : 06 Nov 2024 15:06
 Operator : SY/MD
 Sample : P4667-07
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-5-VOC

Quant Time: Nov 07 00:27:02 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	37608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	68639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	54199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23355	49.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.634	113	23940	54.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.720%
50) Toluene-d8	10.109	98	81753	47.063	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.408	95	19597	34.732	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	69.460%

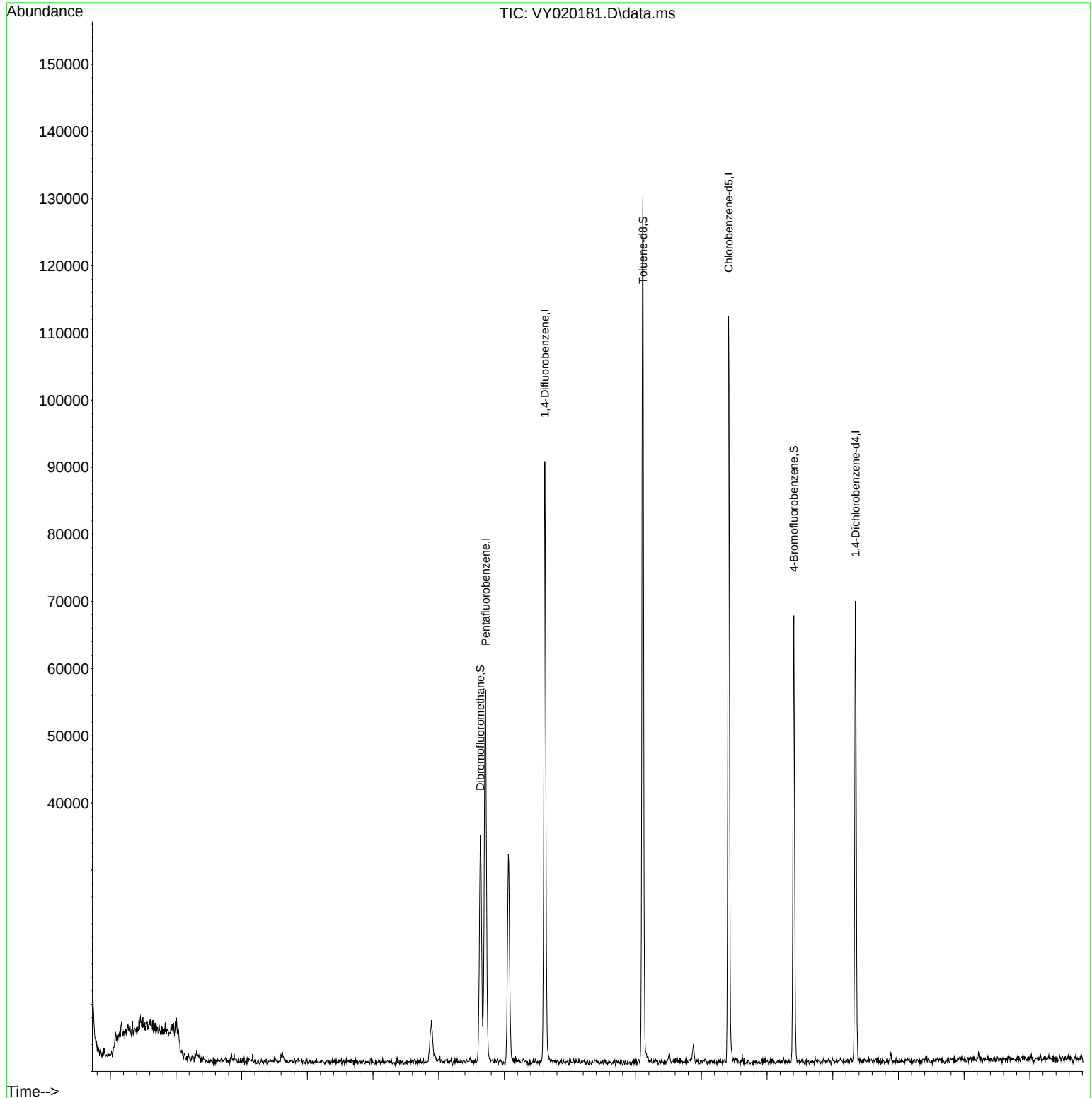
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
Data File : VY020181.D
Acq On : 06 Nov 2024 15:06
Operator : SY/MD
Sample : P4667-07
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-5-VOC

Quant Time: Nov 07 00:27:02 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

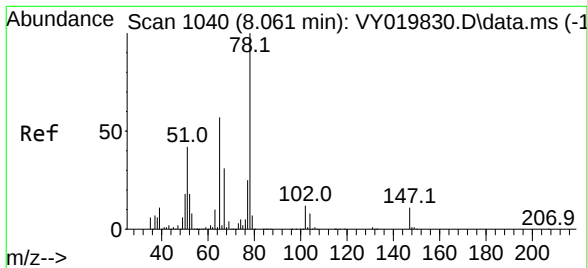
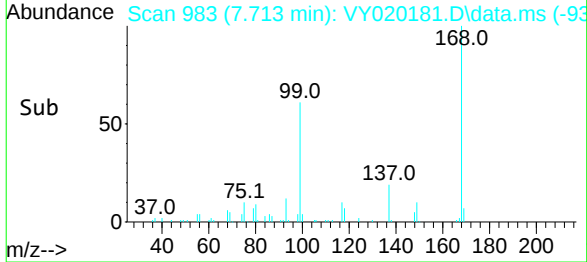
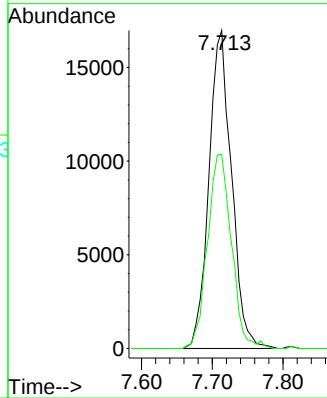
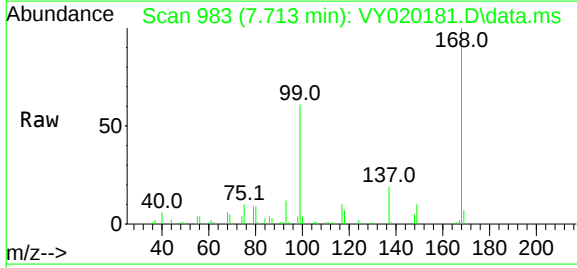




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

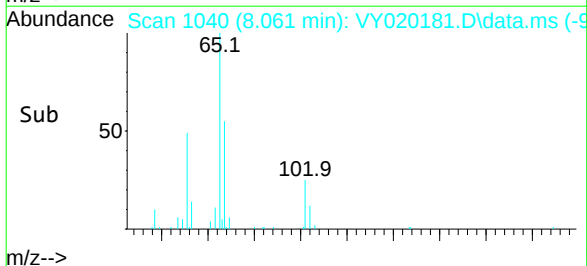
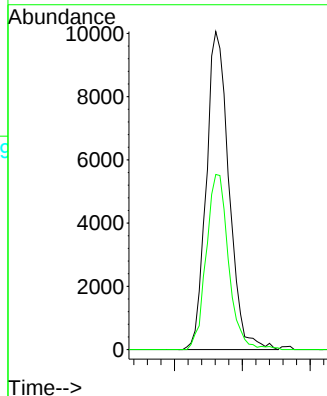
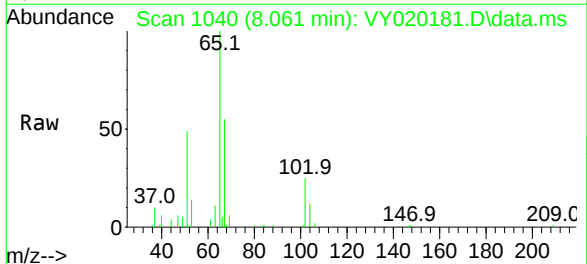
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-5-VOC

Tgt Ion:168 Resp: 37608
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.758 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 65 Resp: 23355
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

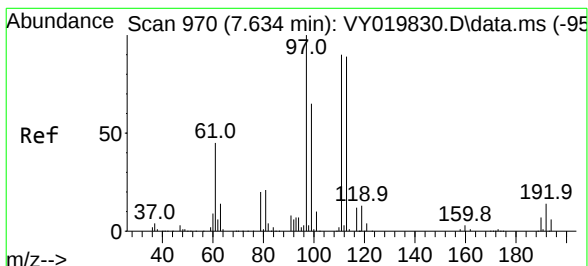
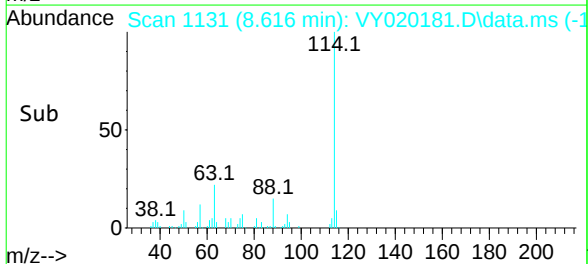
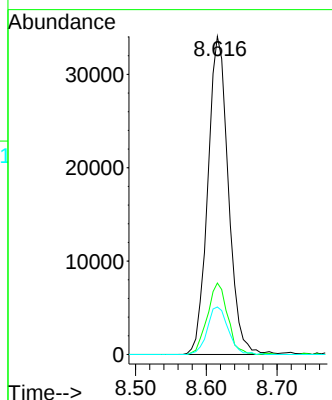
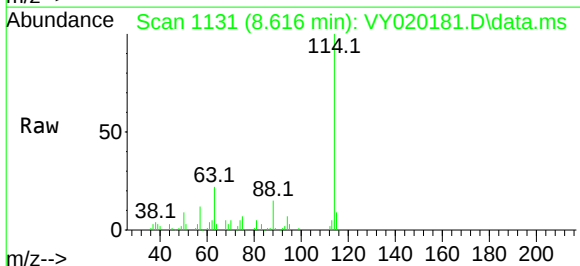




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

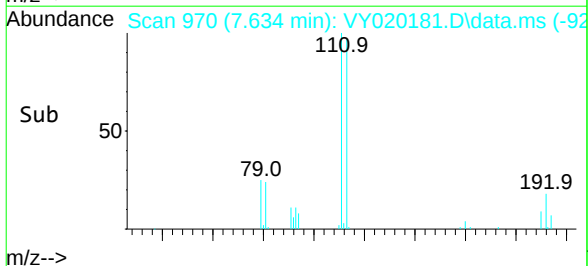
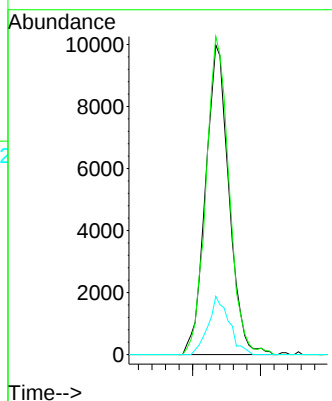
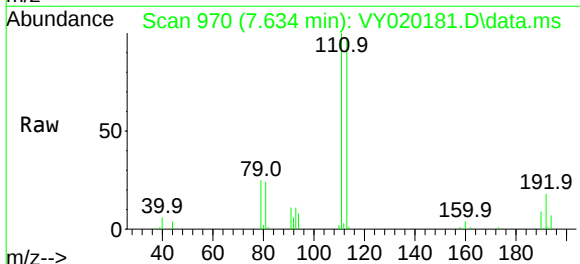
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-5-VOC

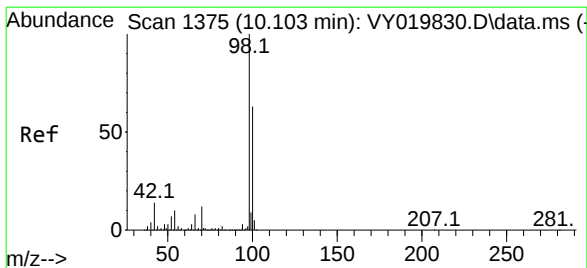
Tgt Ion:	114	Resp:	68639
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.0
88	14.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.858 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion:	113	Resp:	23940
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 47.063 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020181.D

Acq: 06 Nov 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

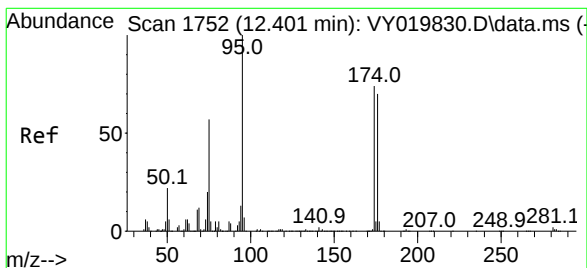
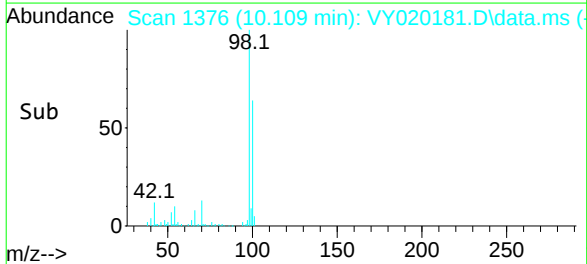
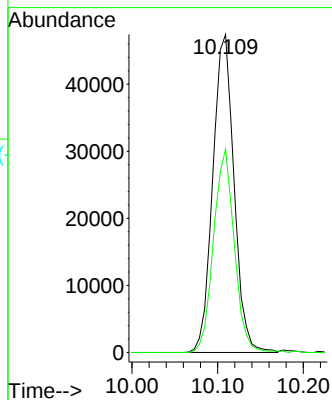
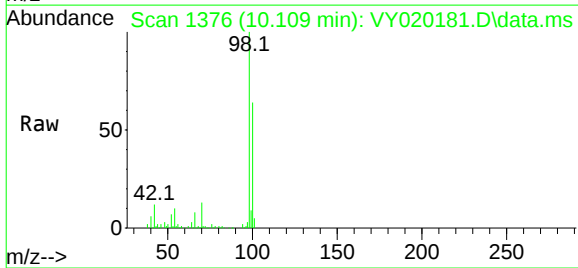
BP-F-5-VOC

Tgt Ion: 98 Resp: 81753

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.732 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020181.D

Acq: 06 Nov 2024 15:06

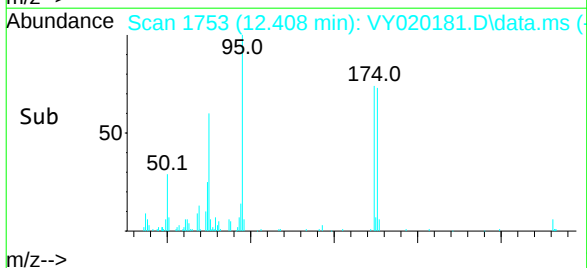
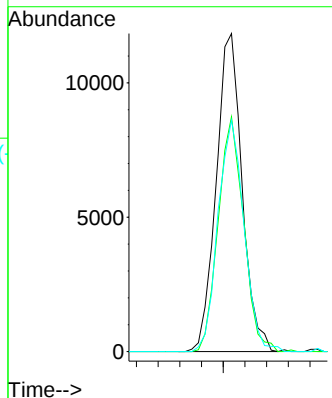
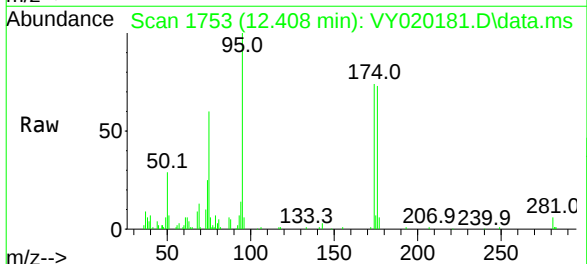
Tgt Ion: 95 Resp: 19597

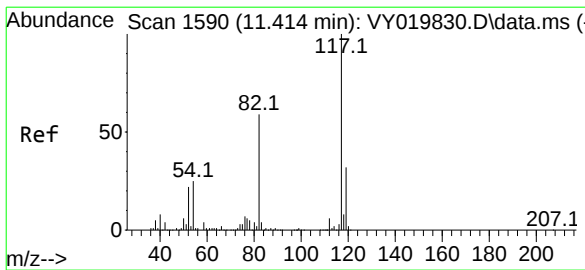
Ion Ratio Lower Upper

95 100

174 72.3 0.0 175.6

176 73.0 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: VY020181.D

Acq: 06 Nov 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-5-VOC

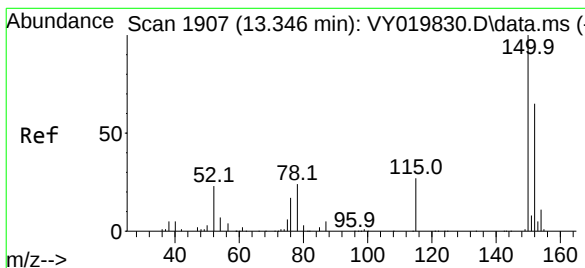
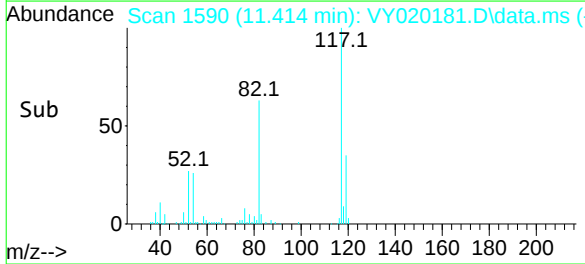
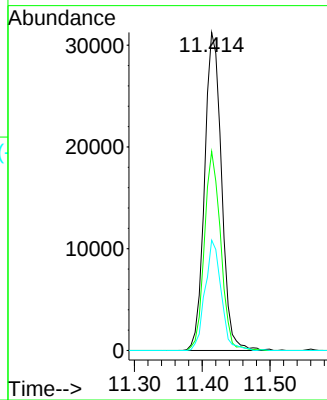
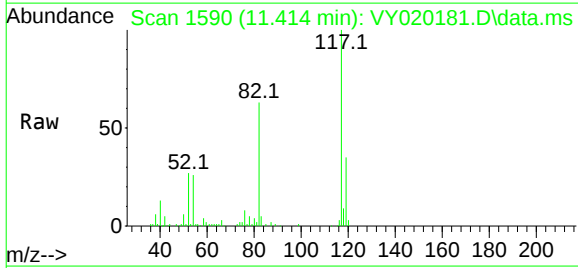
Tgt Ion:117 Resp: 54199

Ion Ratio Lower Upper

117 100

82 62.6 42.4 63.6

119 34.7 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: VY020181.D

Acq: 06 Nov 2024 15:06

Tgt Ion:152 Resp: 14779

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 163.6 0.0 345.6

