

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020126.D
 Acq On : 01 Nov 2024 17:54
 Operator : SY/MD
 Sample : P4643-07
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F8-VOC

Quant Time: Nov 04 00:50:58 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	6732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	12126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	5003	59.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.100%
35) Dibromofluoromethane	7.640	113	4398	57.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.100%
50) Toluene-d8	10.103	98	14147	46.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.402	95	2719	27.278	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.560%

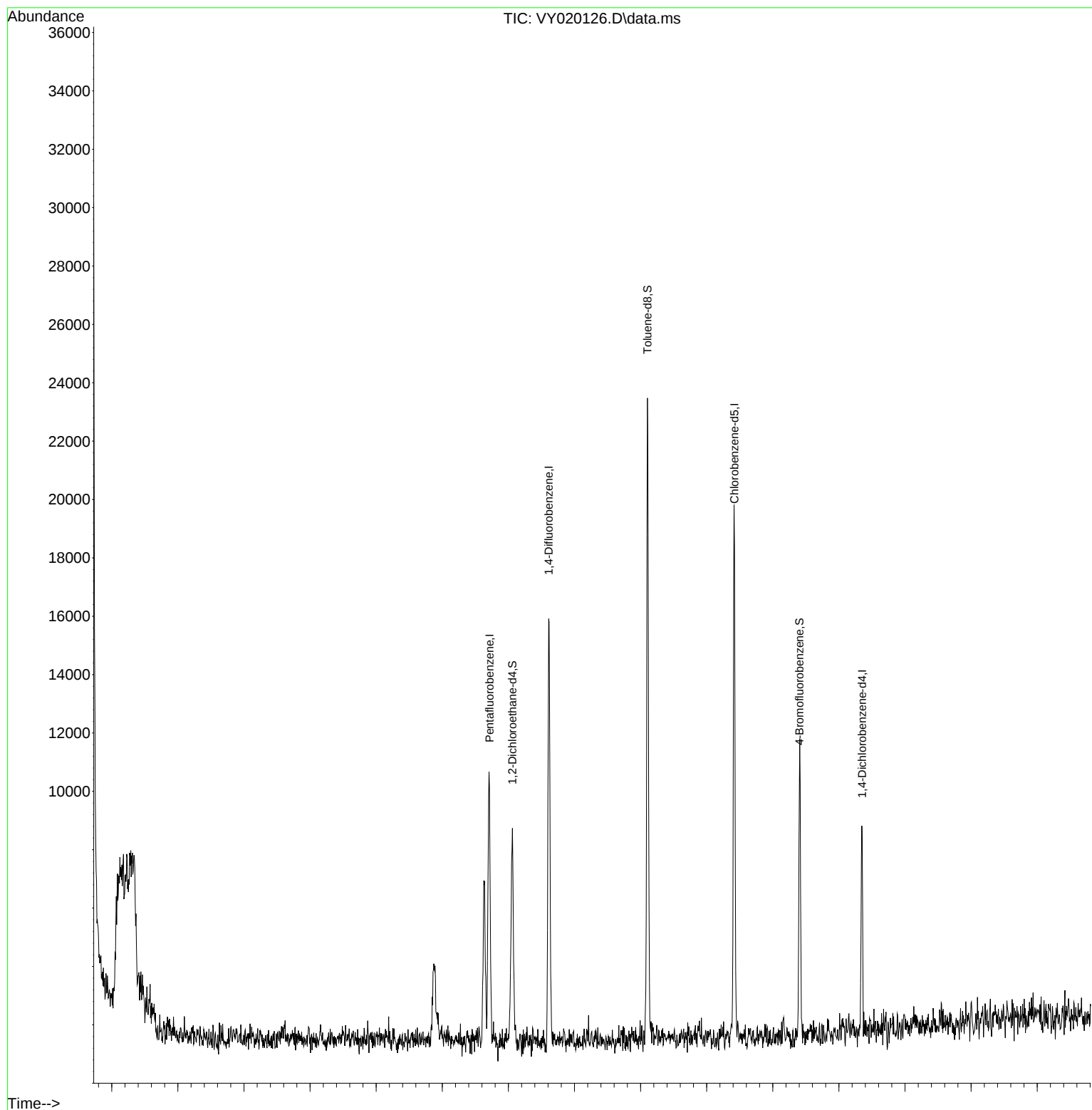
Target Compounds Qvalue

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

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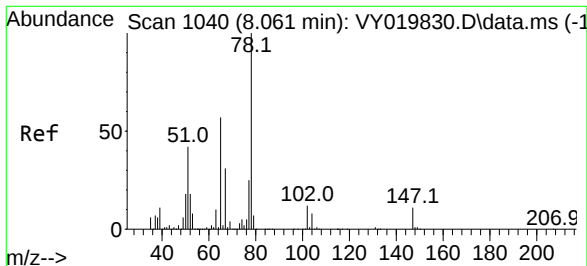
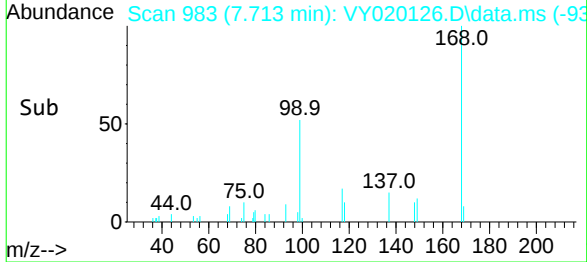
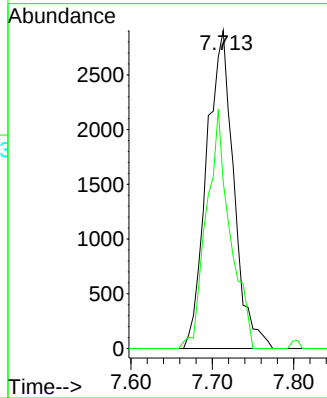
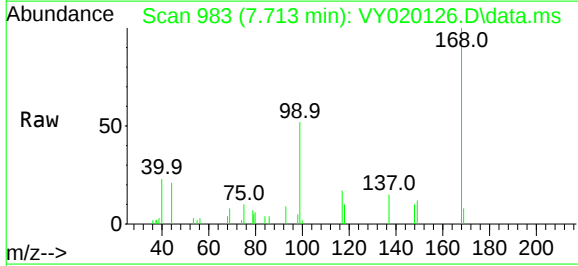




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020126.D
Acq: 01 Nov 2024 17:54

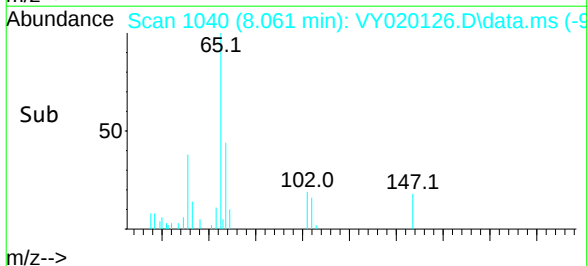
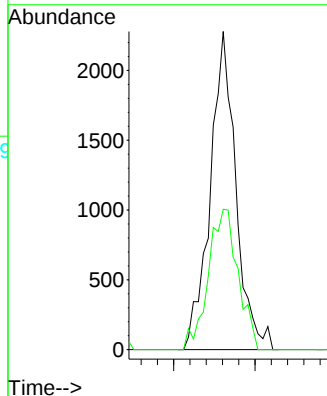
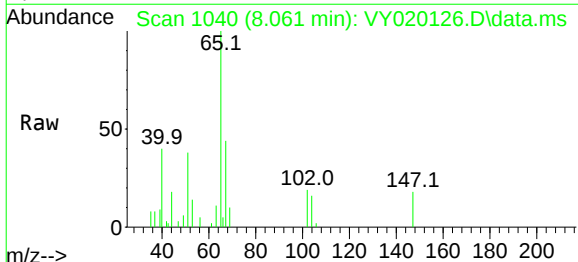
Instrument :
MSVOA_Y
ClientSampleId :
BP-F8-VOC

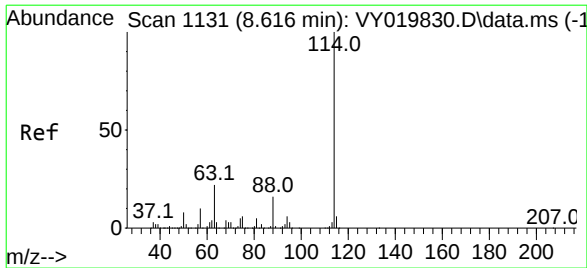
Tgt Ion:168 Resp: 6732
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.546 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020126.D
Acq: 01 Nov 2024 17:54

Tgt Ion: 65 Resp: 5003
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

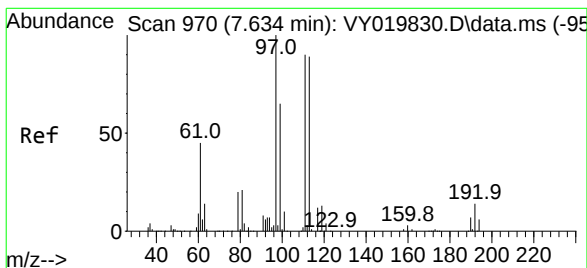
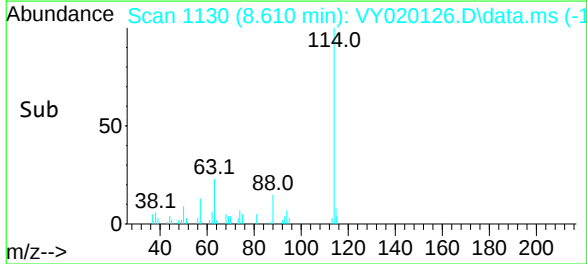
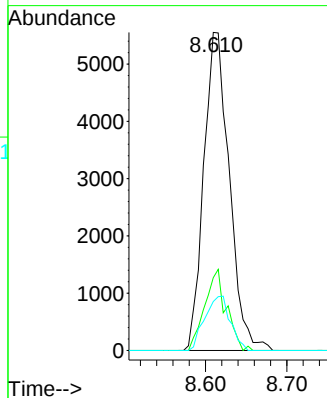
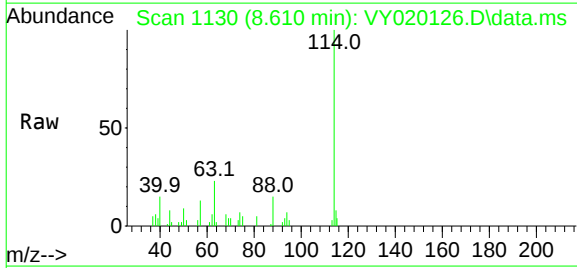
Instrument :

MSVOA_Y

ClientSampleId :

BP-F8-VOC

Tgt Ion:	114	Resp:	12126
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	35.0
88	15.4	0.0	27.2



#35

Dibromofluoromethane

Concen: 57.045 ug/l

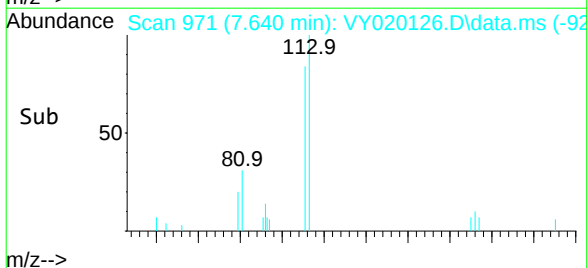
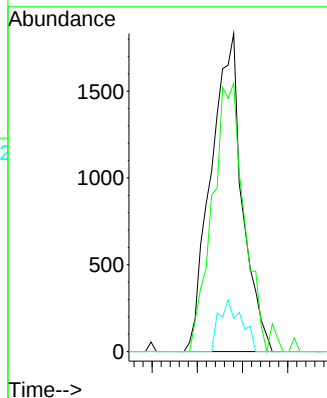
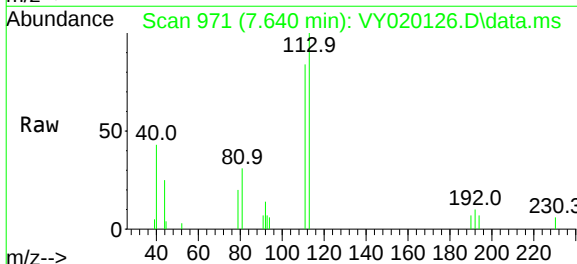
RT: 7.640 min Scan# 971

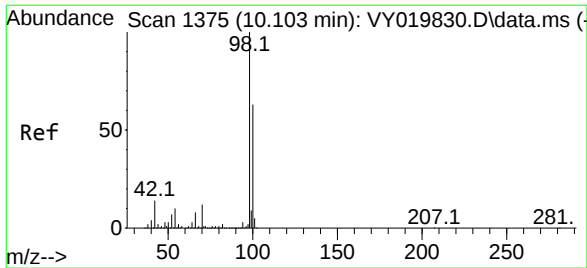
Delta R.T. 0.006 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

Tgt Ion:	113	Resp:	4398
Ion Ratio	Lower	Upper	
113	100		
111	85.2	82.2	123.4
192	11.7	15.9	23.9





#50

Toluene-d8

Concen: 46.099 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

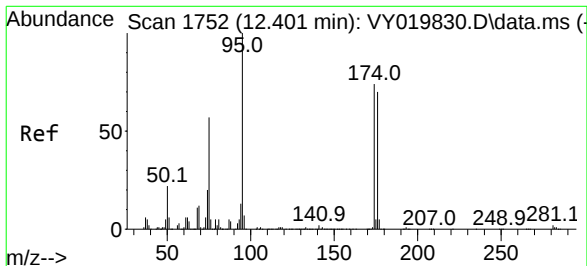
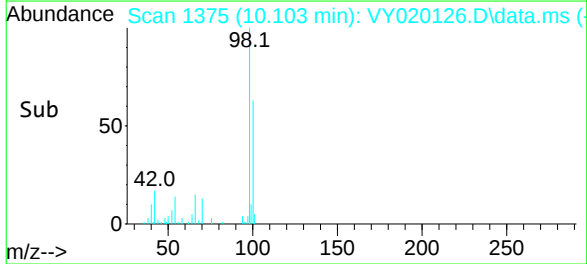
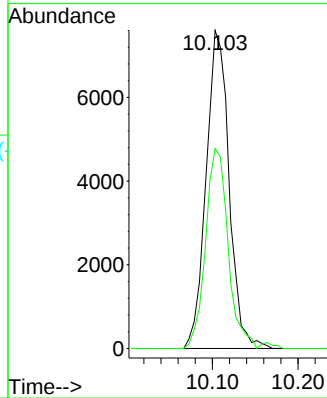
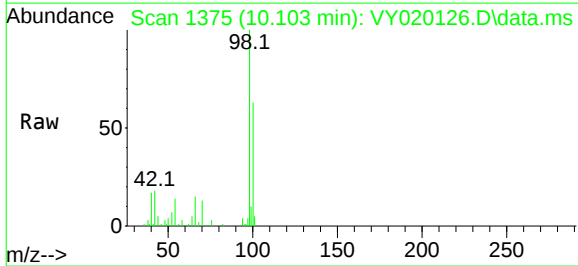
BP-F8-VOC

Tgt Ion: 98 Resp: 14147

Ion Ratio Lower Upper

98 100

100 61.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.278 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

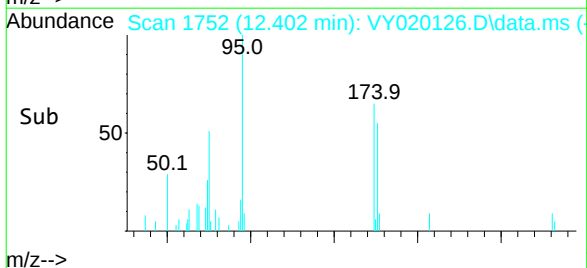
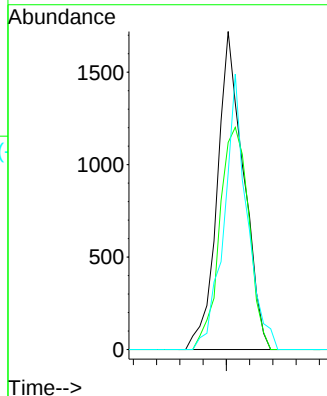
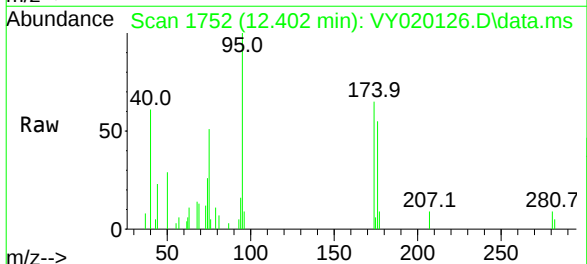
Tgt Ion: 95 Resp: 2719

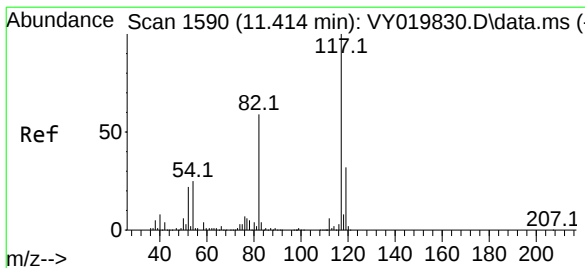
Ion Ratio Lower Upper

95 100

174 77.3 0.0 175.6

176 74.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

BP-F8-VOC

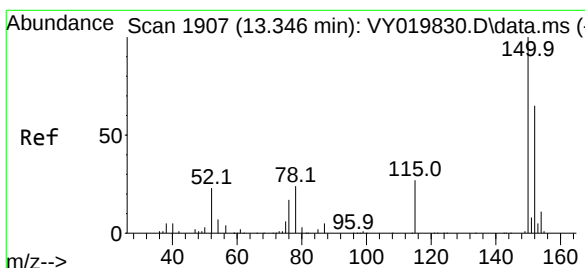
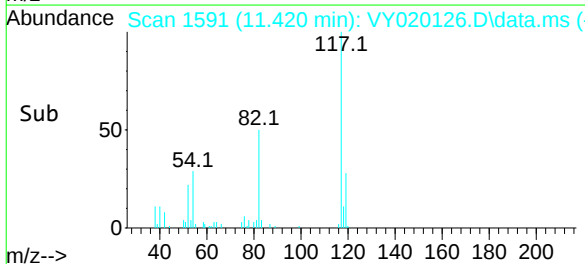
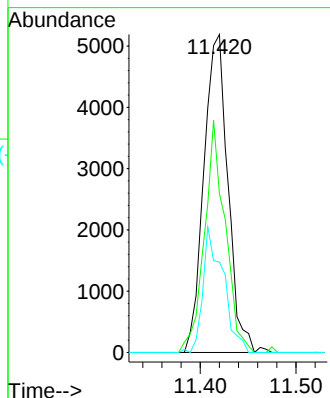
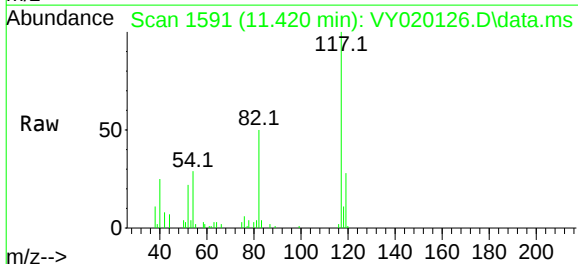
Tgt Ion:117 Resp: 9087

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 28.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020126.D

Acq: 01 Nov 2024 17:54

Tgt Ion:152 Resp: 1630

Ion Ratio Lower Upper

152 100

115 72.0 28.2 84.7

150 145.8 0.0 345.6

