

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020137.D
 Acq On : 04 Nov 2024 13:03
 Operator : SY/MD
 Sample : P4643-07
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F8-VOC

Quant Time: Nov 05 00:30:35 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	179360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	366381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	321525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121269	54.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.340%
35) Dibromofluoromethane	7.640	113	121600	52.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.109	98	452557	48.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.408	95	127240	42.248	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.500%

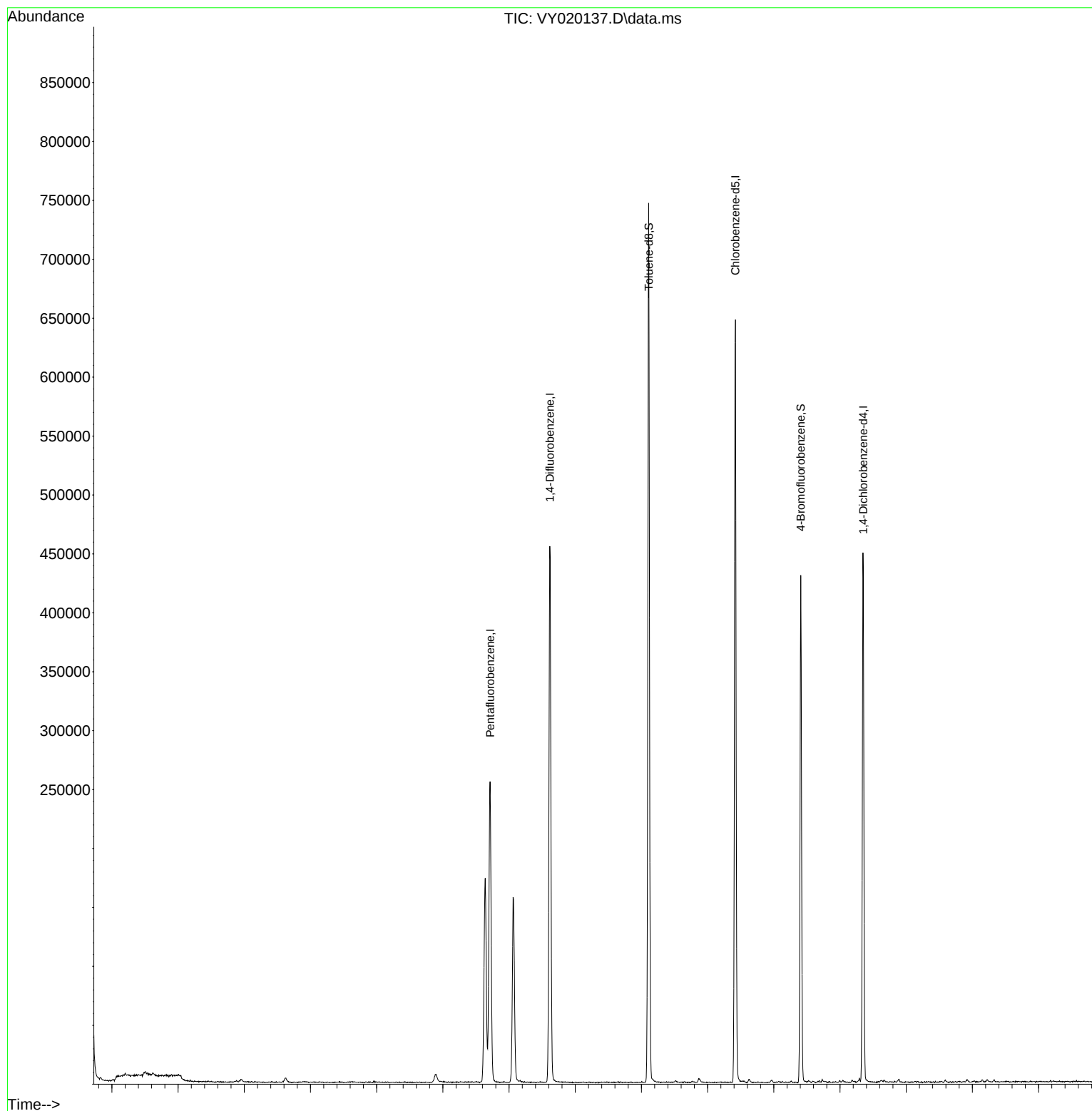
Target Compounds Qvalue

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

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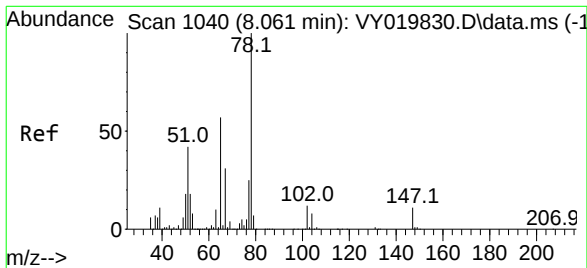
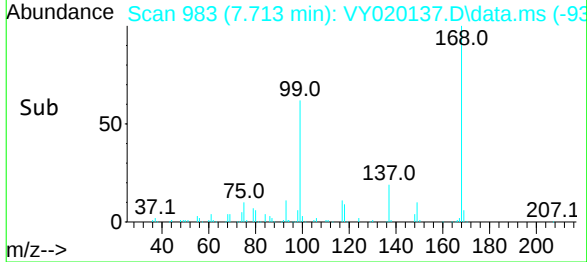
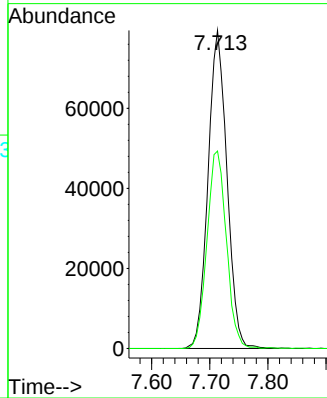
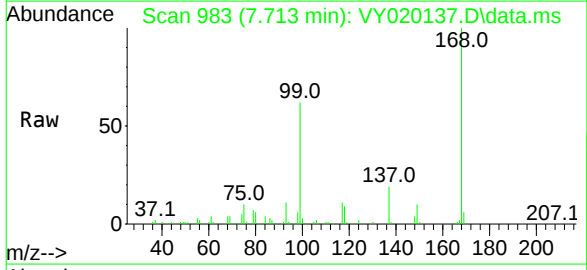




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

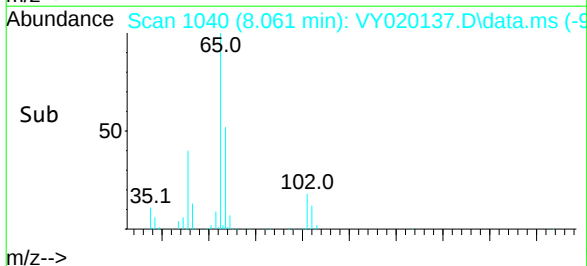
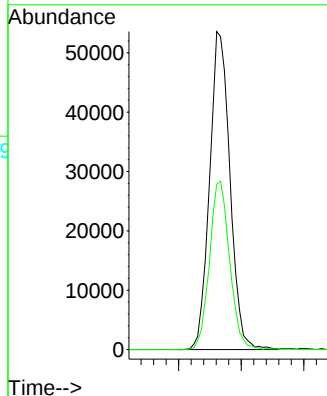
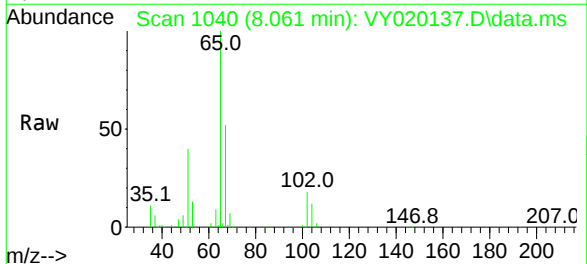
Instrument :
MSVOA_Y
ClientSampleId :
BP-F8-VOC

Tgt Ion:168 Resp: 179360
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.173 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Tgt Ion: 65 Resp: 121269
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

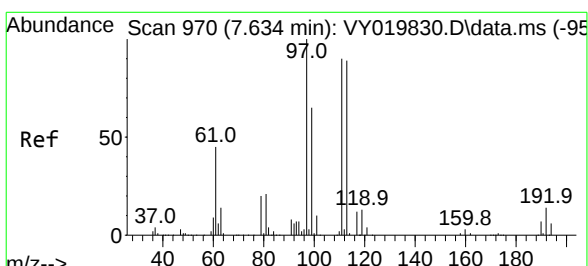
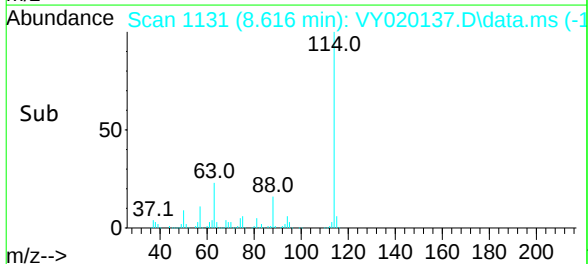
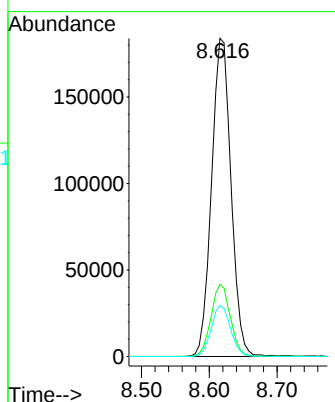
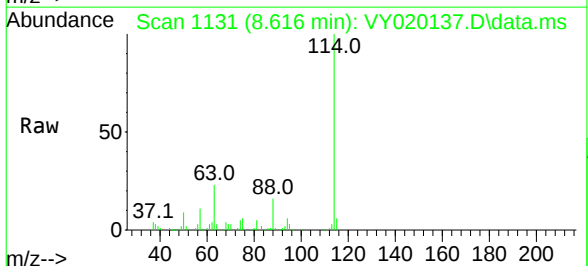




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020137.D
 Acq: 04 Nov 2024 13:03

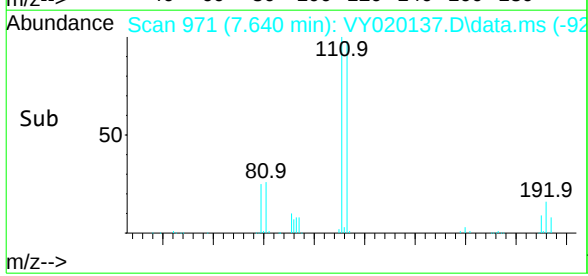
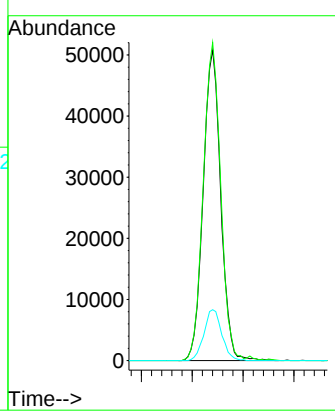
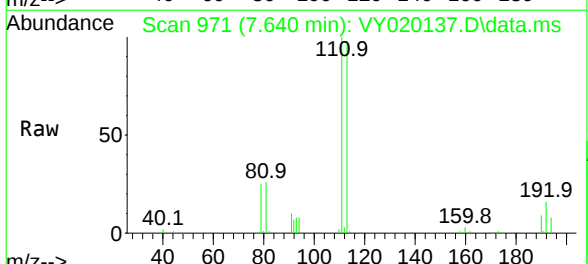
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F8-VOC

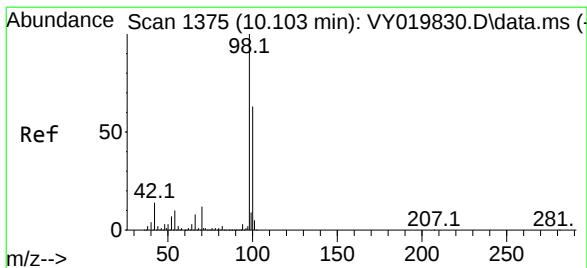
Tgt Ion:	114	Resp:	366381
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	35.0
88	16.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.202 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020137.D
 Acq: 04 Nov 2024 13:03

Tgt Ion:	113	Resp:	121600
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 48.808 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020137.D

Acq: 04 Nov 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

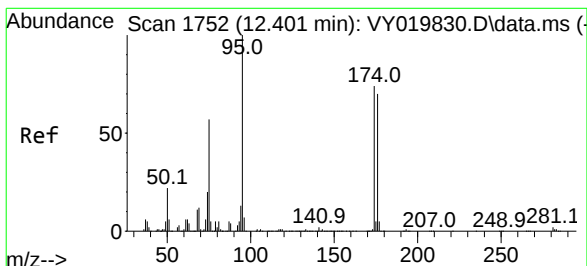
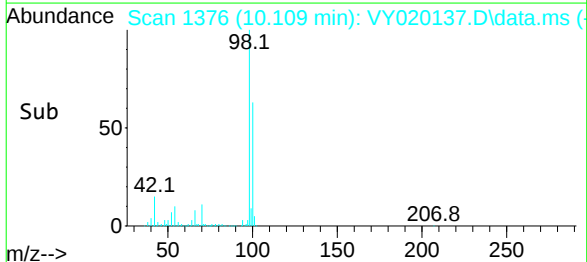
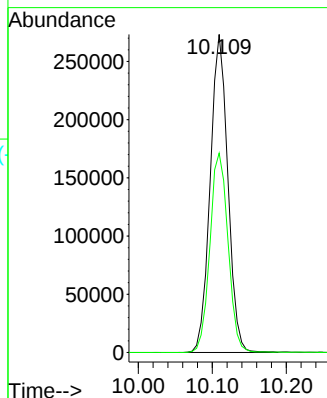
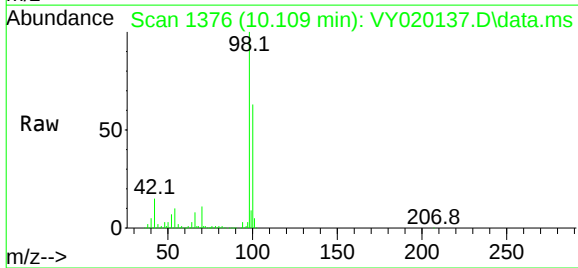
BP-F8-VOC

Tgt Ion: 98 Resp: 452557

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.248 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020137.D

Acq: 04 Nov 2024 13:03

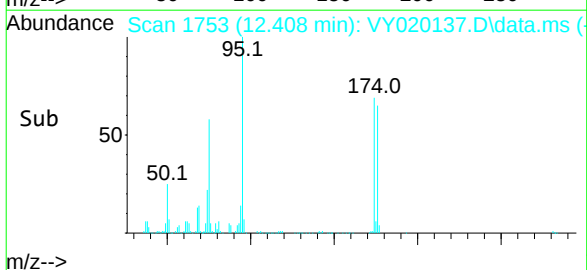
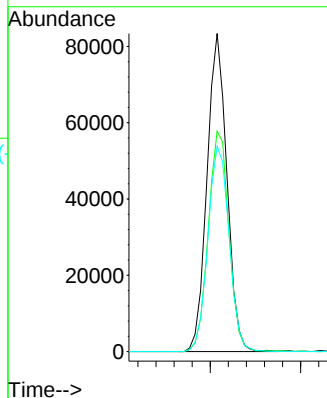
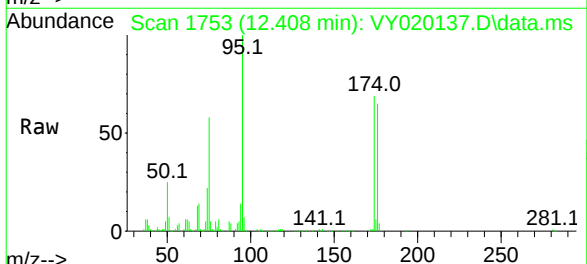
Tgt Ion: 95 Resp: 127240

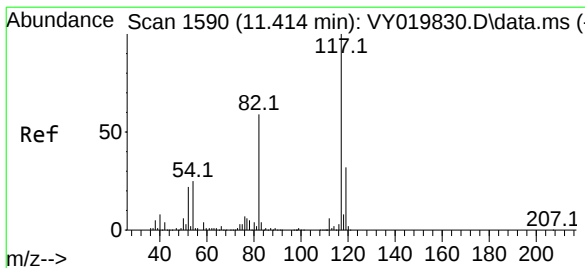
Ion Ratio Lower Upper

95 100

174 72.2 0.0 175.6

176 68.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020137.D

Acq: 04 Nov 2024 13:03

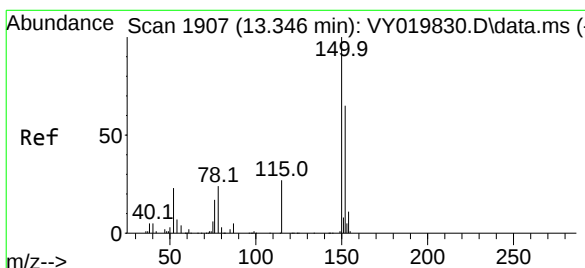
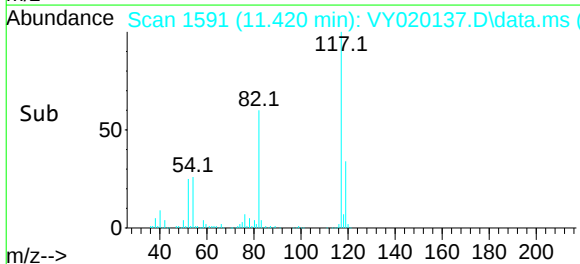
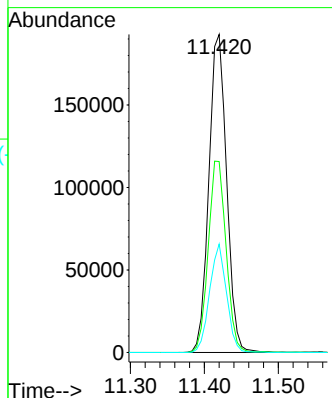
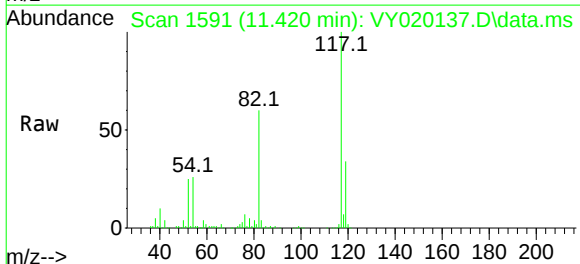
Instrument :

MSVOA_Y

ClientSampleId :

BP-F8-VOC

Tgt Ion:	117	Resp:	321525
Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.4	63.6
119	34.1	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: VY020137.D

Acq: 04 Nov 2024 13:03

Tgt Ion:	152	Resp:	102468
Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.2	84.7
150	157.3	0.0	345.6

