

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020140.D
 Acq On : 04 Nov 2024 14:13
 Operator : SY/MD
 Sample : P4680-07
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F25-VOC

Quant Time: Nov 05 00:31:58 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	128671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	275199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	260221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105371	65.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.220%
35) Dibromofluoromethane	7.640	113	95972	54.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.700%
50) Toluene-d8	10.109	98	343375	49.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.407	95	106494	47.075	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.160%

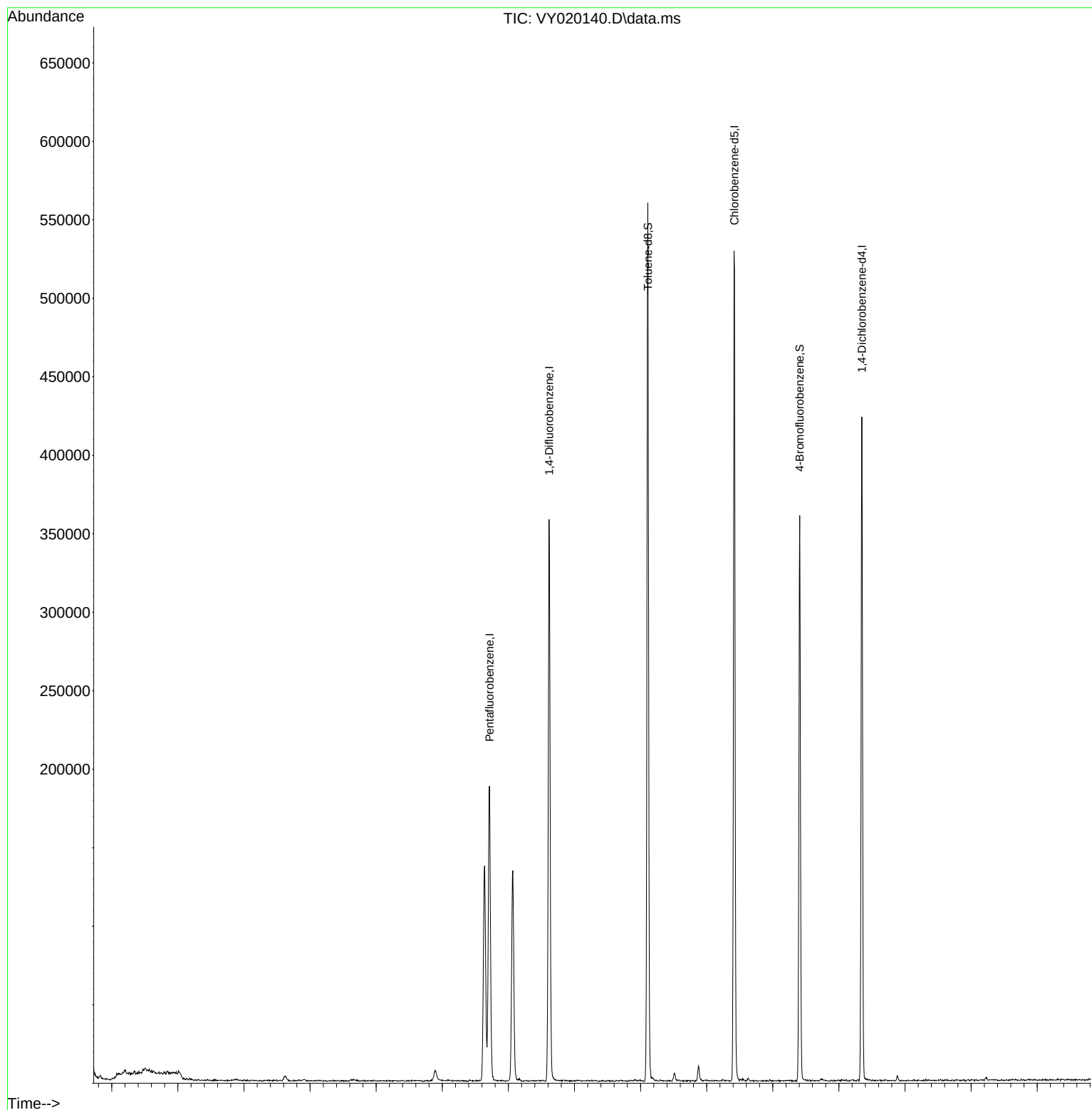
Target Compounds	Qvalue

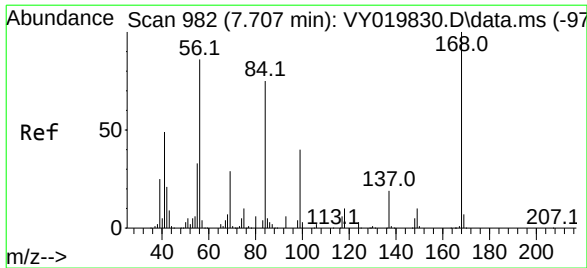
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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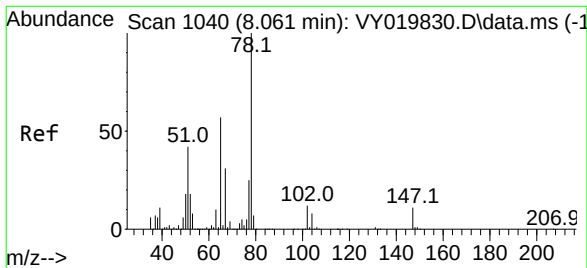
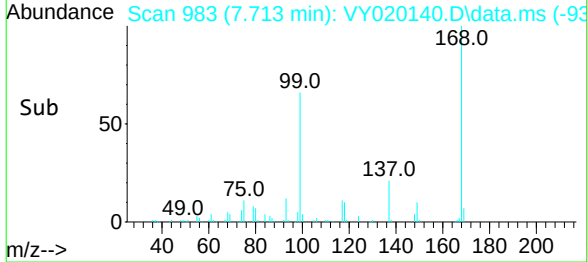
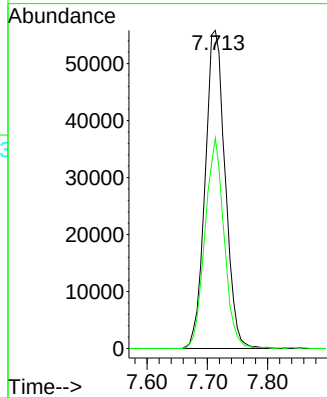
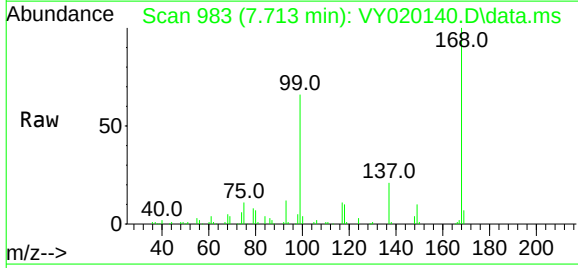




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

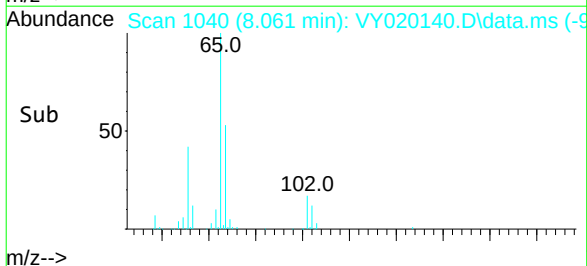
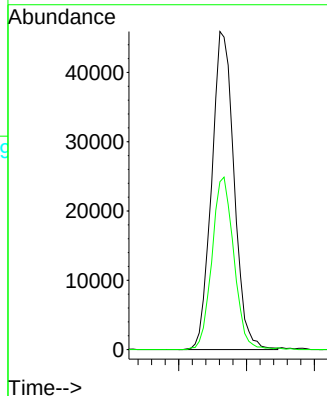
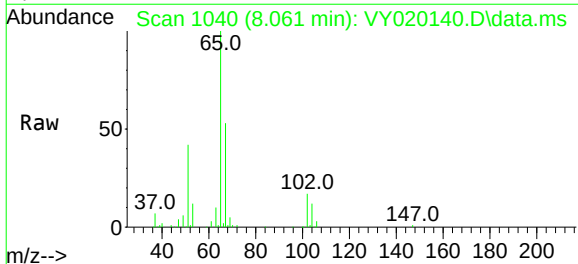
Instrument :
MSVOA_Y
ClientSampleId :
BP-F25-VOC

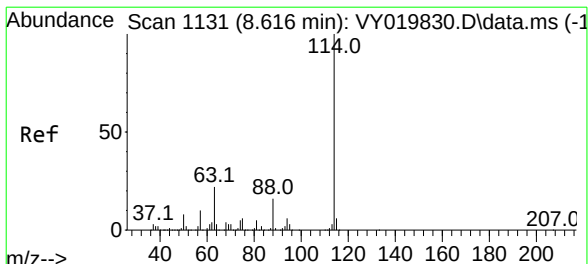
Tgt Ion:168 Resp: 128671
Ion Ratio Lower Upper
168 100
99 66.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.615 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion: 65 Resp: 105371
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

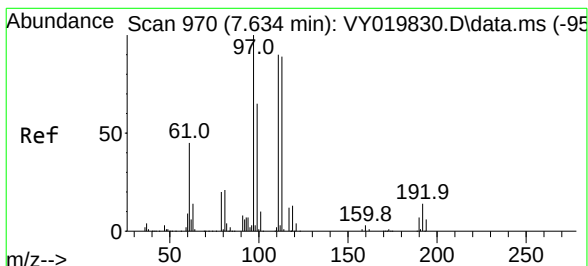
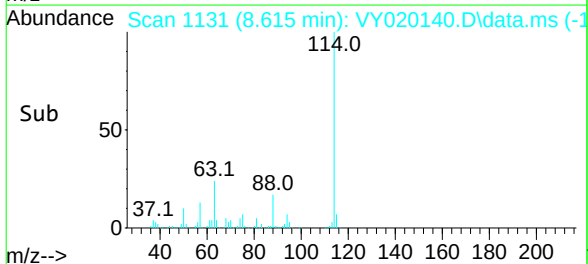
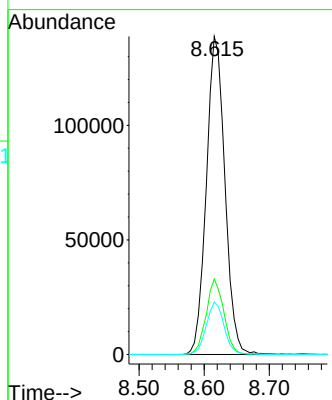
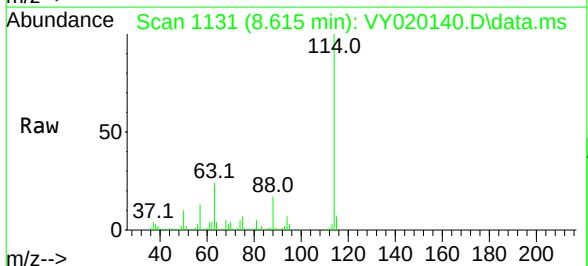




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

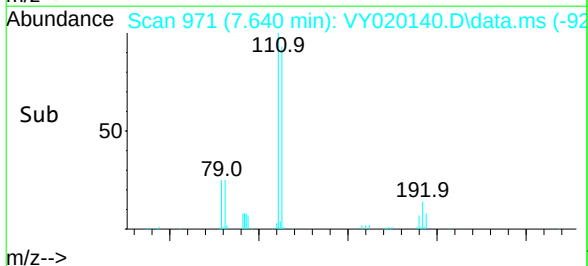
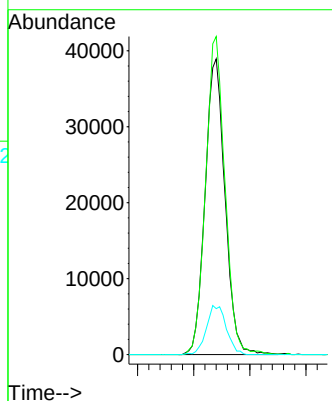
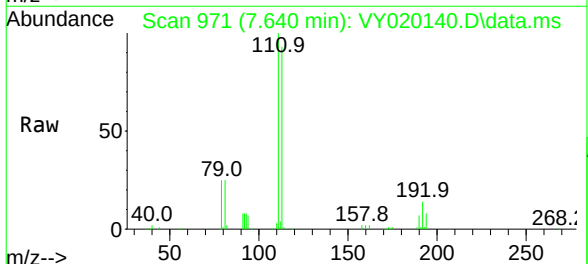
Instrument :
MSVOA_Y
ClientSampleId :
BP-F25-VOC

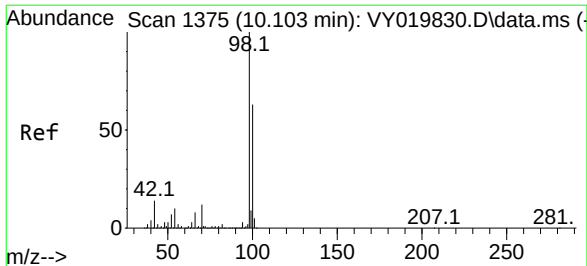
Tgt Ion:	114	Resp:	275199
Ion Ratio	Lower	Upper	
114	100		
63	23.8	0.0	35.0
88	16.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.851 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020140.D
Acq: 04 Nov 2024 14:13

Tgt Ion:	113	Resp:	95972
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 49.302 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

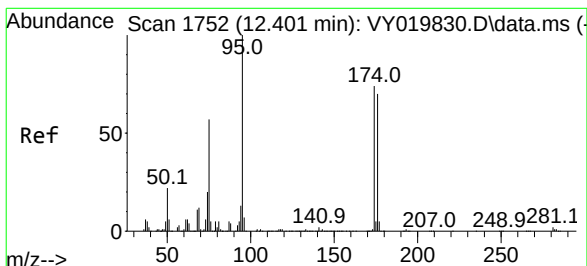
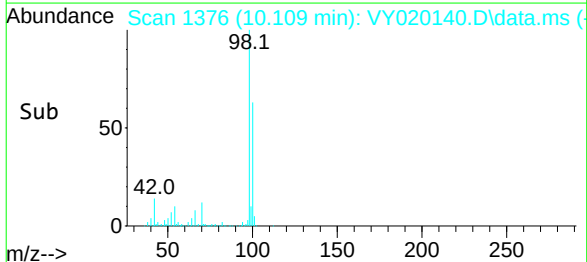
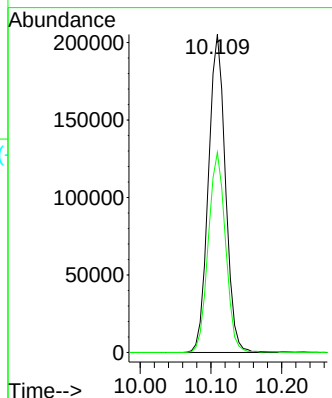
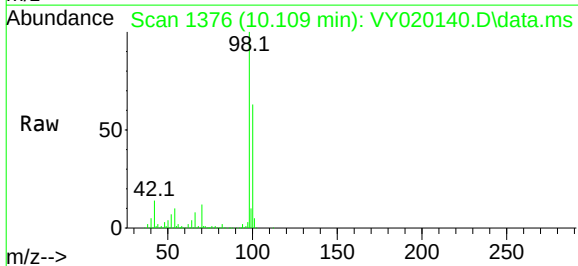
BP-F25-VOC

Tgt Ion: 98 Resp: 343375

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.075 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020140.D

Acq: 04 Nov 2024 14:13

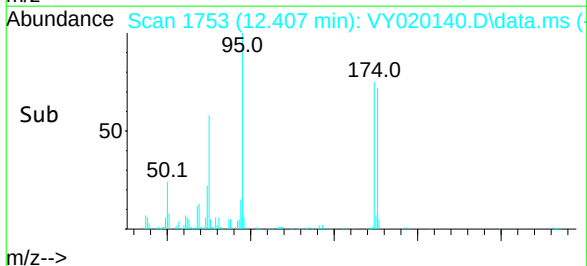
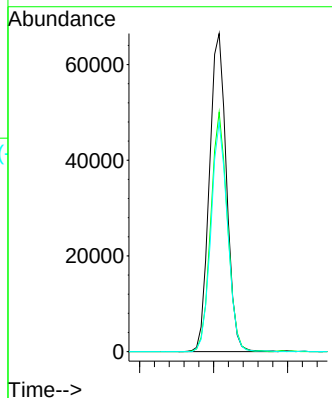
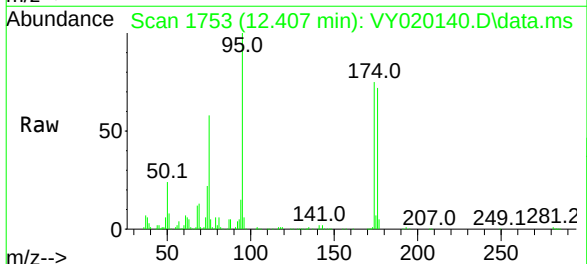
Tgt Ion: 95 Resp: 106494

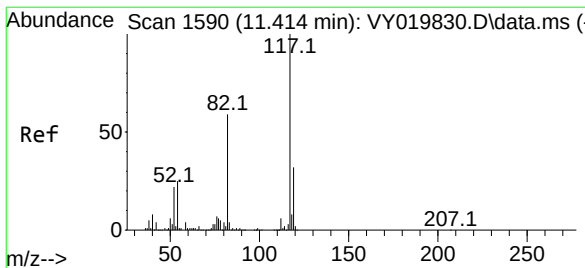
Ion Ratio Lower Upper

95 100

174 73.3 0.0 175.6

176 69.8 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: VY020140.D

Acq: 04 Nov 2024 14:13

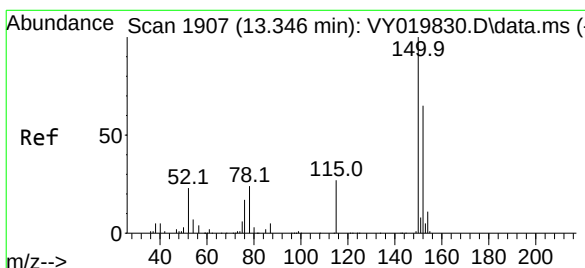
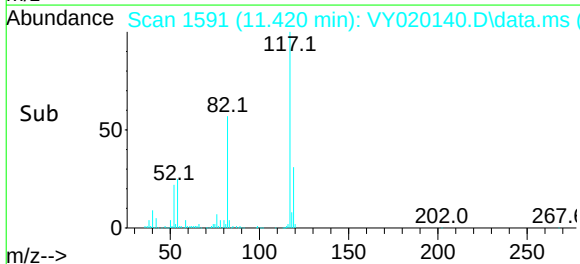
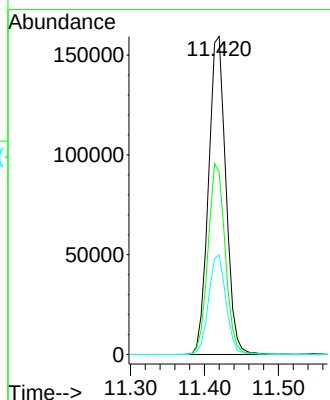
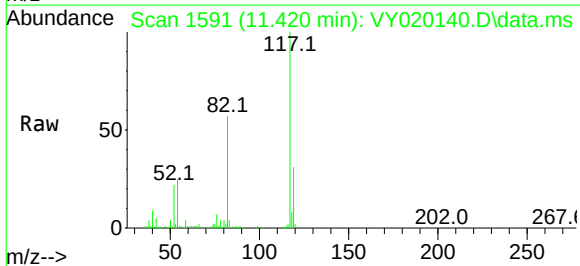
Instrument :

MSVOA_Y

ClientSampleId :

BP-F25-VOC

Tgt Ion:	117	Resp:	260221
Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.4	63.6
119	31.3	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: VY020140.D

Acq: 04 Nov 2024 14:13

Tgt Ion:	152	Resp:	95216
Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.2	84.7
150	155.1	0.0	345.6

