

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020364.D
 Acq On : 20 Nov 2024 17:01
 Operator : SY/MD
 Sample : P4870-06
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-735-VOC

Quant Time: Nov 21 00:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	40332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	73830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25860	55.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.634	113	23904	50.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.109	98	85986	46.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.407	95	27431	45.756	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.520%

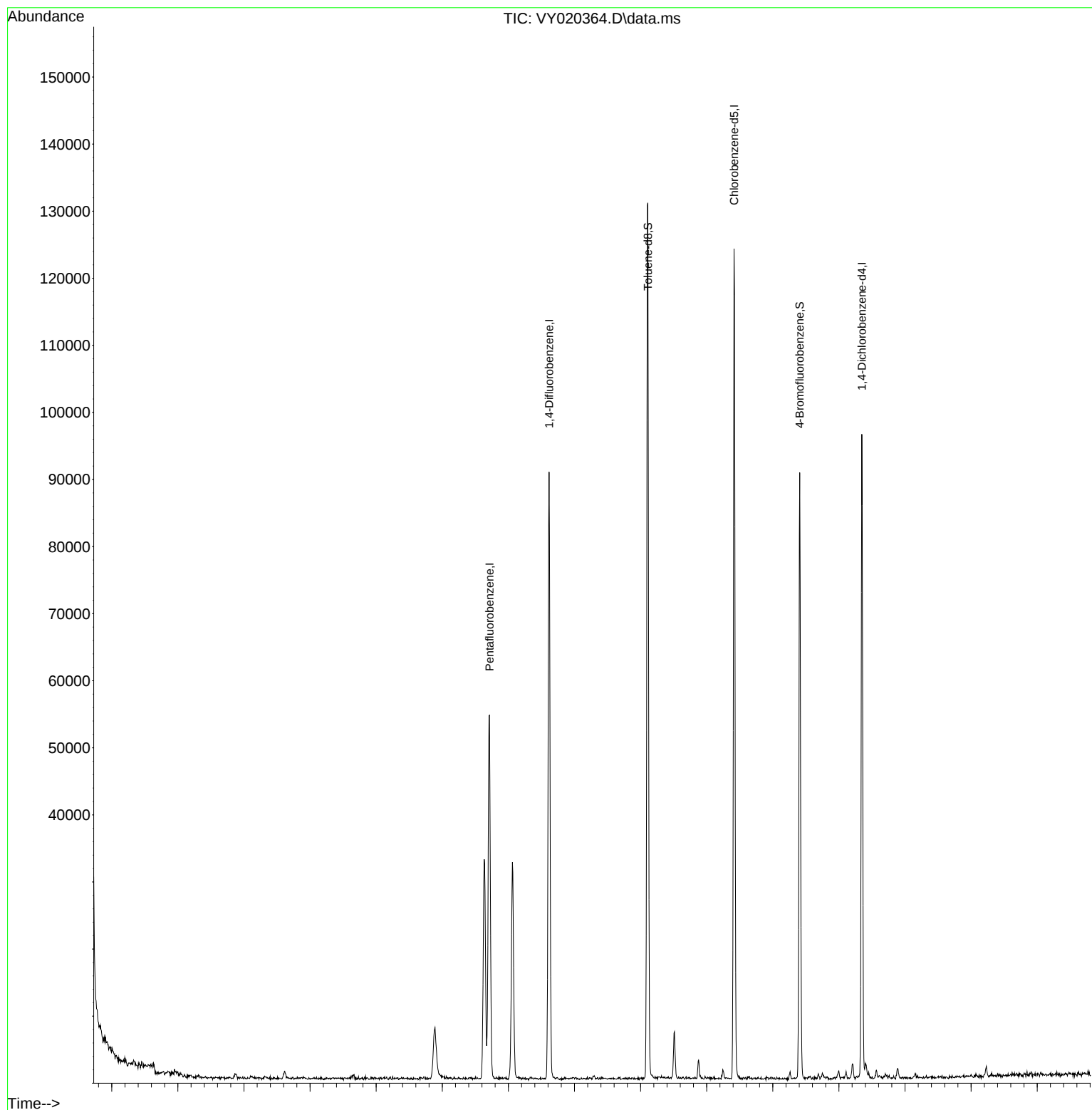
Target Compounds Qvalue

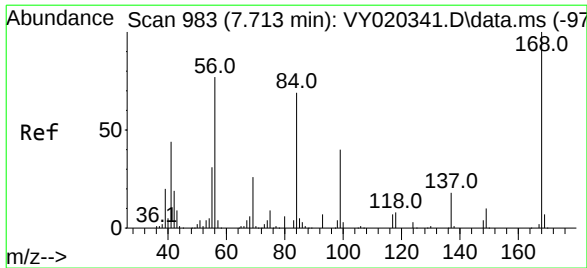
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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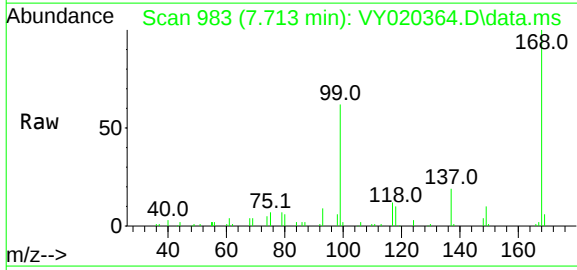
Quant Time: Nov 21 00:50:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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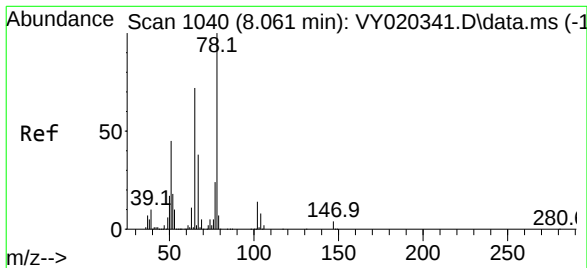
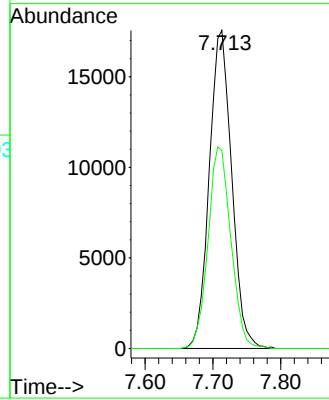
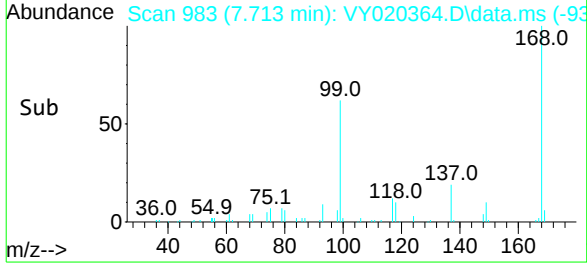


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. 0.000 min
 Lab File: VY020364.D
 Acq: 20 Nov 2024 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-735-VOC

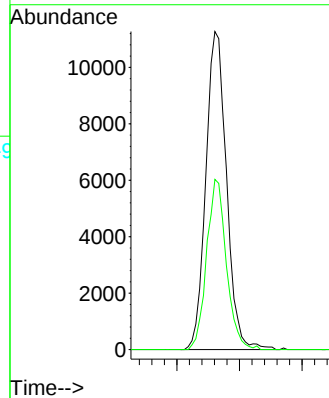
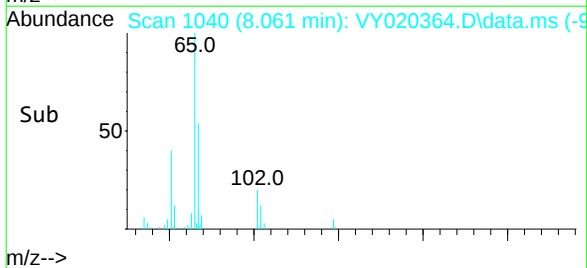
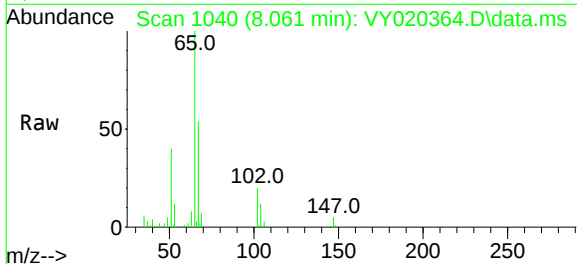


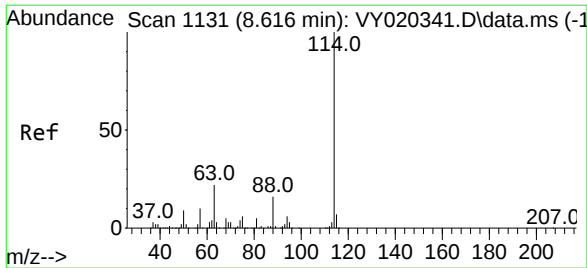
Tgt Ion:168 Resp: 40332
 Ion Ratio Lower Upper
 168 100
 99 62.2 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 55.809 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY020364.D
 Acq: 20 Nov 2024 17:01

Tgt Ion: 65 Resp: 25860
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.8

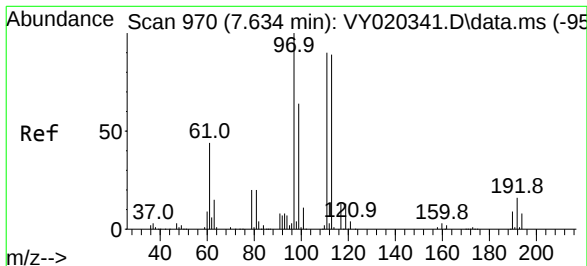
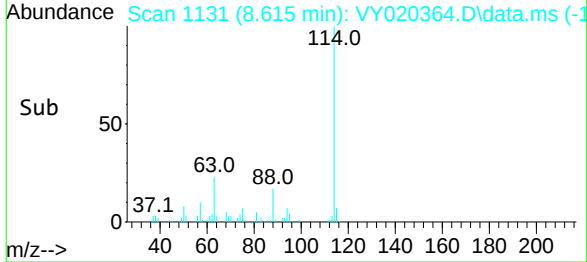
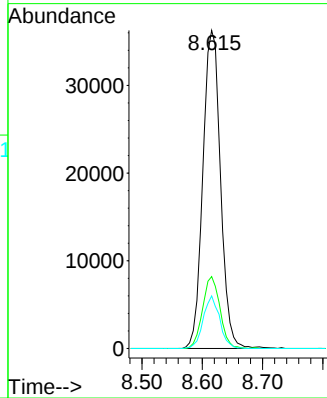
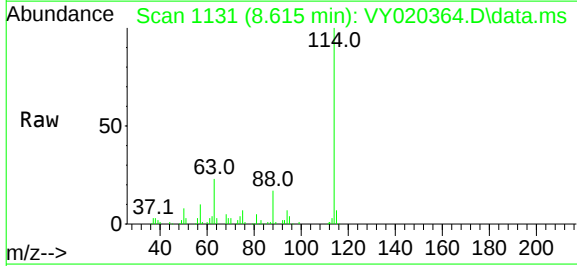




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020364.D
Acq: 20 Nov 2024 17:01

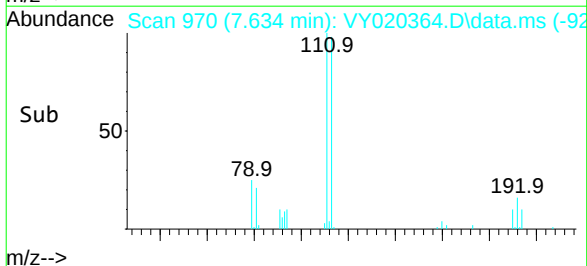
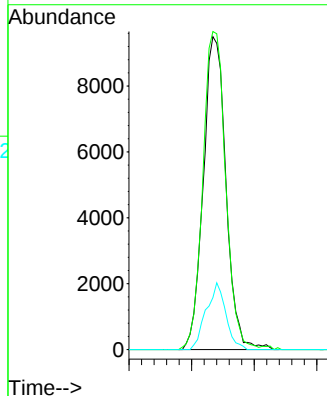
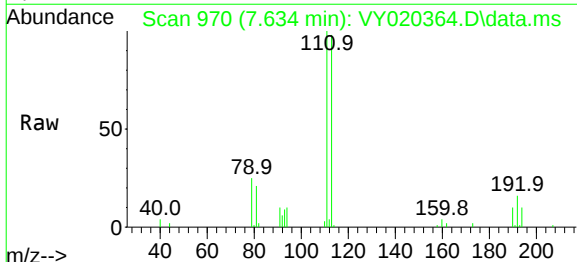
Instrument :
MSVOA_Y
ClientSampleId :
MH-735-VOC

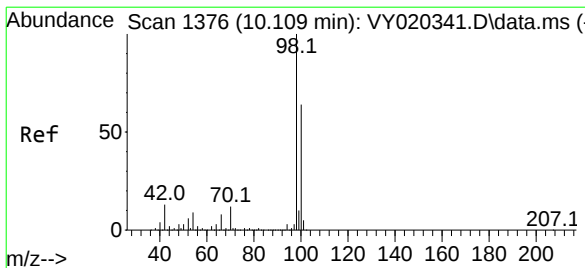
Tgt Ion:	114	Resp:	73830
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.8
88	16.5	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.492 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020364.D
Acq: 20 Nov 2024 17:01

Tgt Ion:	113	Resp:	23904
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	18.5	15.1	22.7





#50

Toluene-d8

Concen: 46.108 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020364.D

Acq: 20 Nov 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

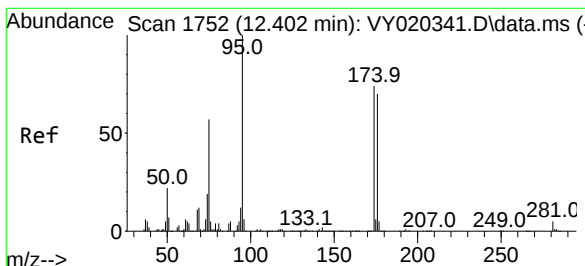
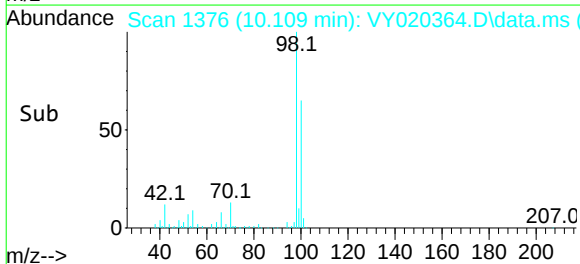
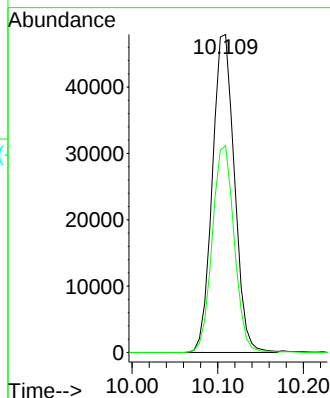
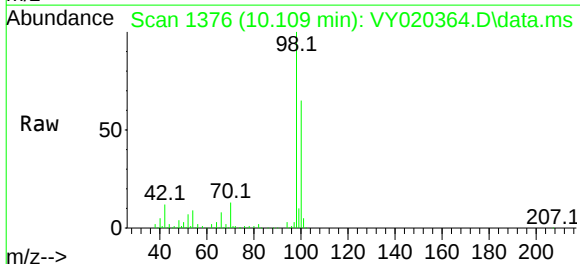
MH-735-VOC

Tgt Ion: 98 Resp: 85986

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.756 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020364.D

Acq: 20 Nov 2024 17:01

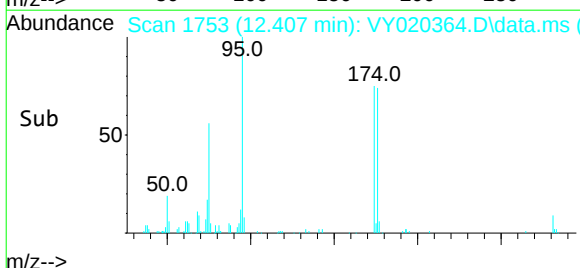
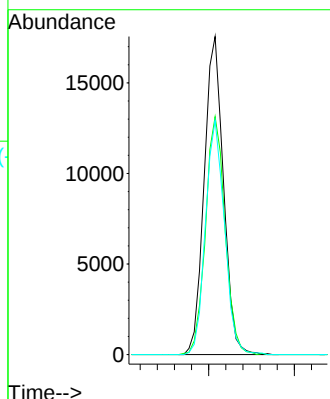
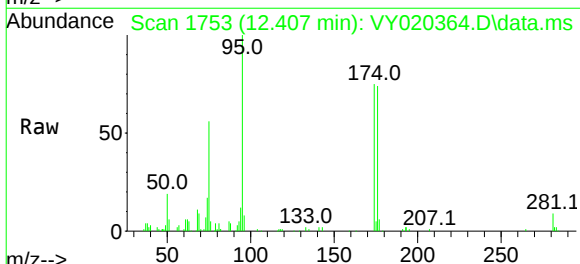
Tgt Ion: 95 Resp: 27431

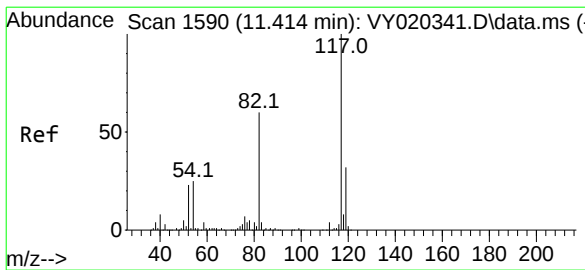
Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.8

176 72.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020364.D

Acq: 20 Nov 2024 17:01

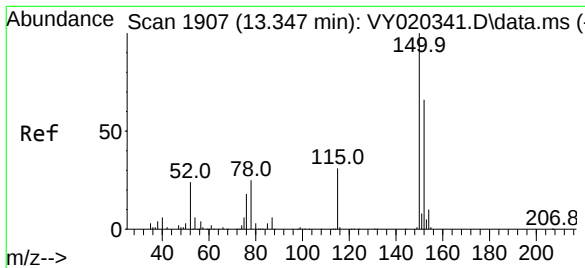
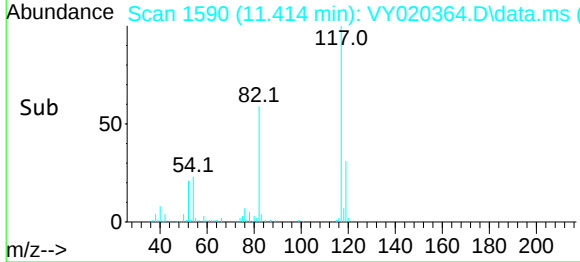
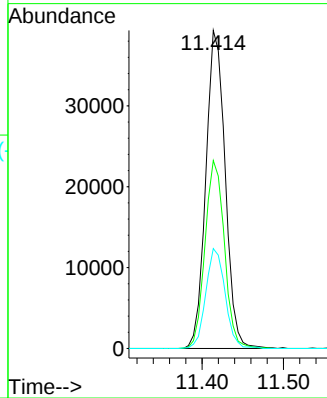
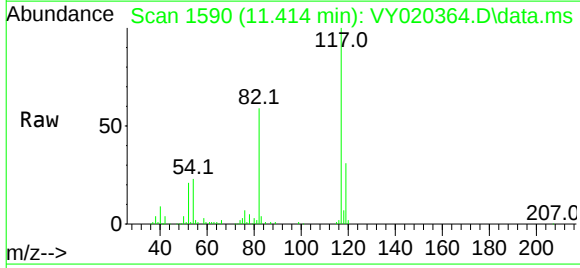
Instrument :

MSVOA_Y

ClientSampleId :

MH-735-VOC

Tgt Ion:	117	Resp:	65009
Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.2	72.4
119	31.4	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020364.D

Acq: 20 Nov 2024 17:01

Tgt Ion:	152	Resp:	23052
Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.0	90.0
150	156.8	0.0	348.2

