

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020554.D
 Acq On : 09 Dec 2024 14:53
 Operator : SY/MD
 Sample : P5216-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-743-VOC

Quant Time: Dec 10 04:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	183413	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	312922	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	262120	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	105013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	96974	51.987	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.628	113	96857	49.166	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.103	98	372486	49.656	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.401	95	115475	44.014	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.020%

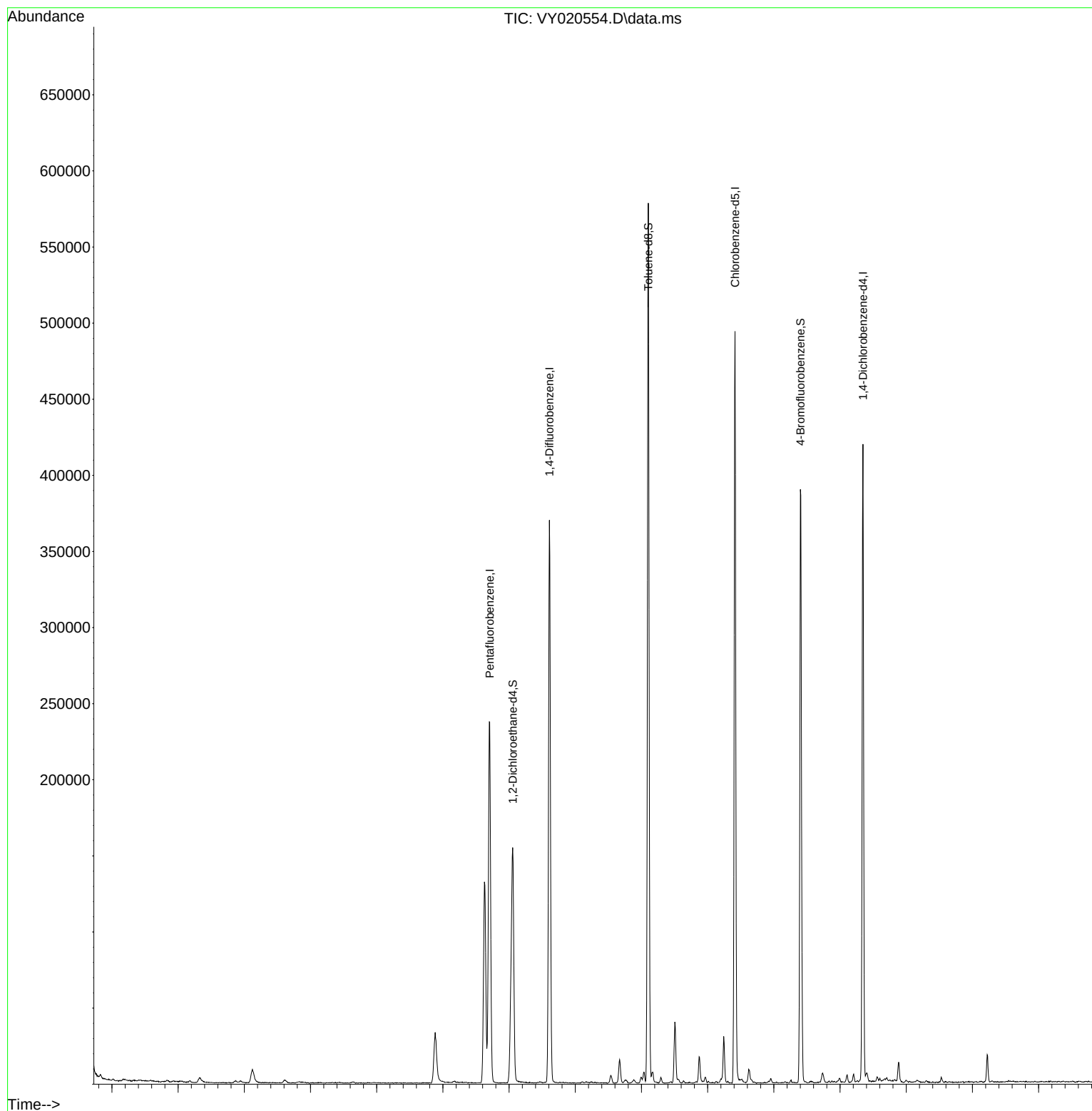
Target Compounds Qvalue

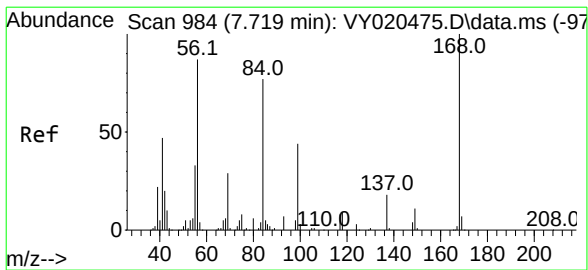
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 98

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

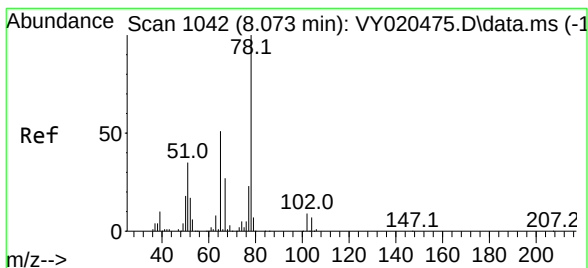
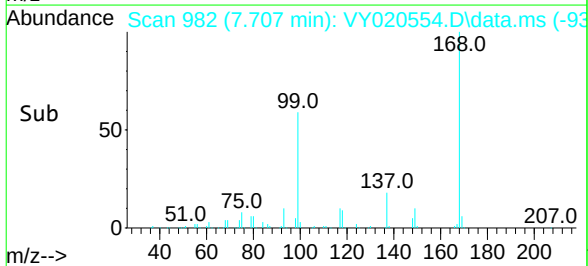
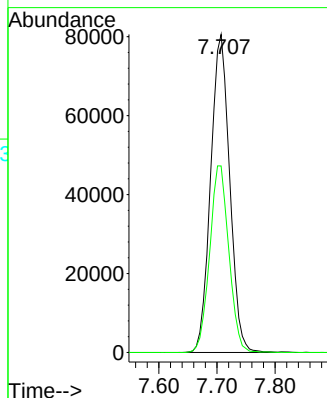
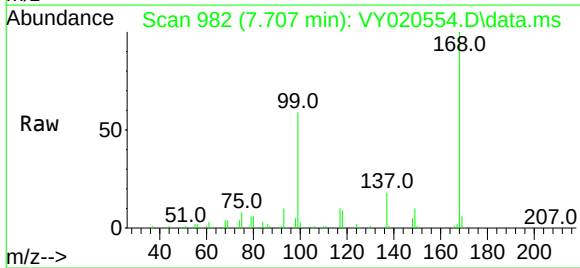
MH-743-VOC

Tgt Ion:168 Resp: 183413

Ion Ratio Lower Upper

168 100

99 58.7 46.6 69.8



#33

1,2-Dichloroethane-d4

Concen: 51.987 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.019 min

Lab File: VY020554.D

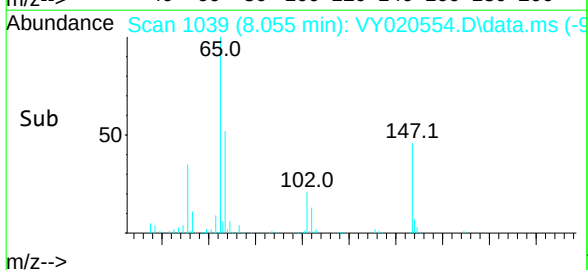
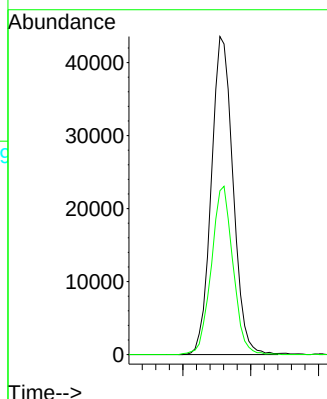
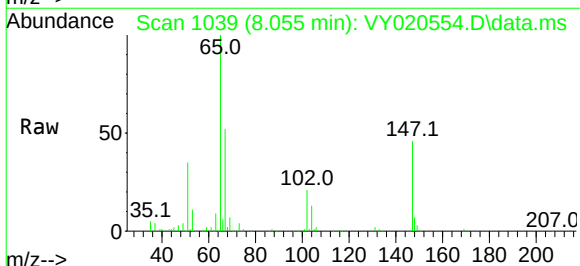
Acq: 09 Dec 2024 14:53

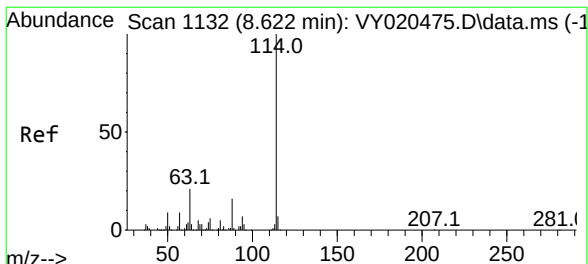
Tgt Ion: 65 Resp: 96974

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8

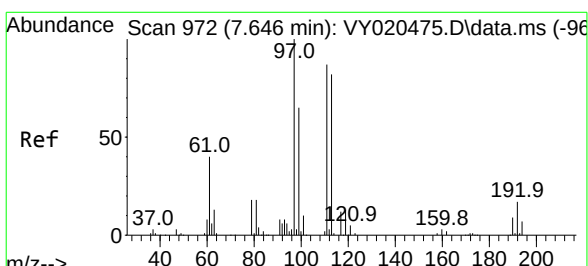
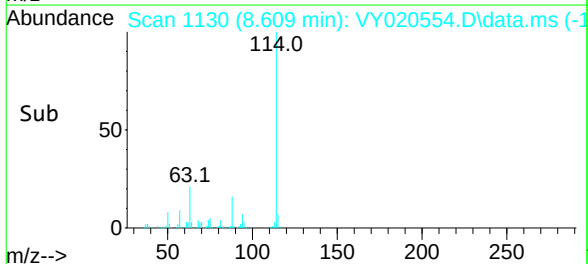
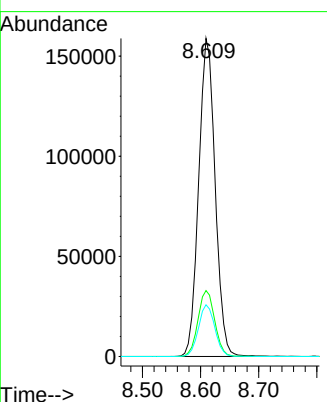
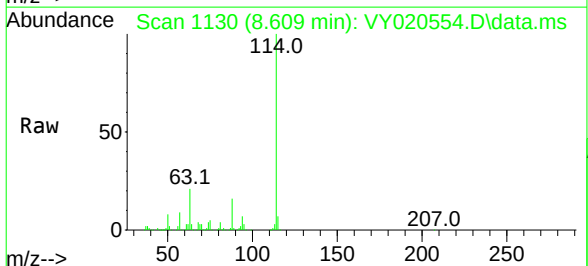




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: VY020554.D
 Acq: 09 Dec 2024 14:53

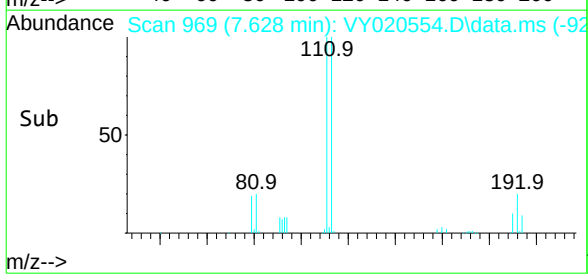
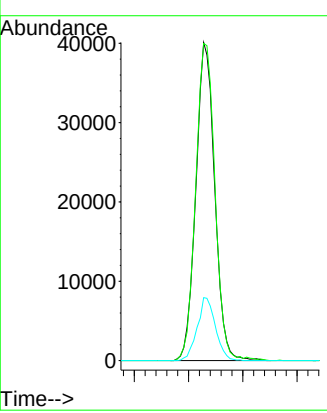
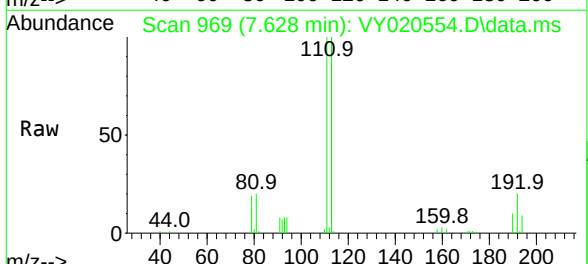
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-743-VOC

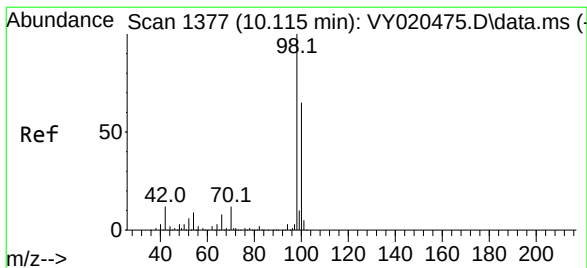
Tgt Ion:	114	Resp:	312922
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.8
88	16.3	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.166 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.019 min
 Lab File: VY020554.D
 Acq: 09 Dec 2024 14:53

Tgt Ion:	113	Resp:	96857
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.2	15.1	22.7





#50

Toluene-d8

Concen: 49.656 ug/l

RT: 10.103 min Scan# 1377

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

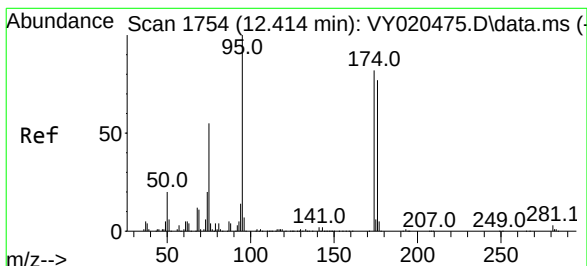
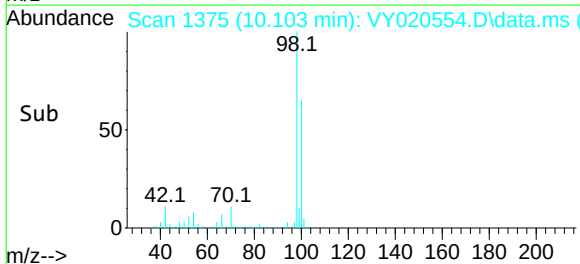
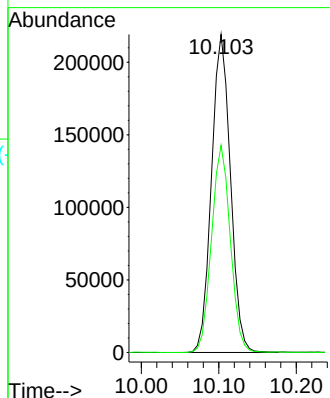
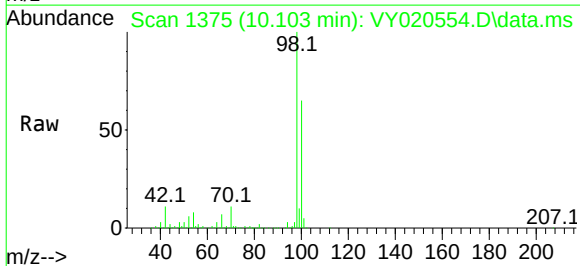
MH-743-VOC

Tgt Ion: 98 Resp: 372486

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 44.014 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

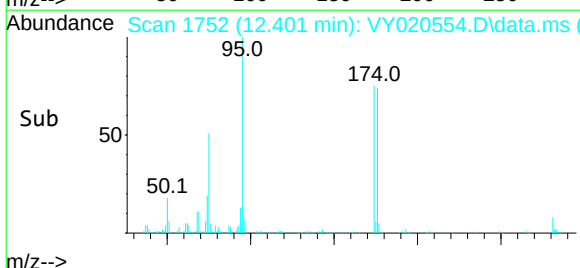
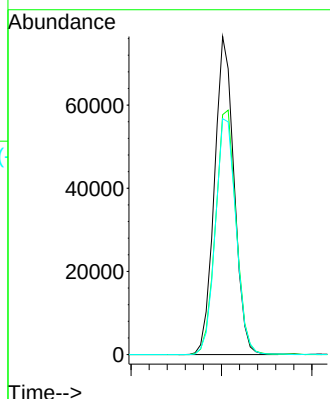
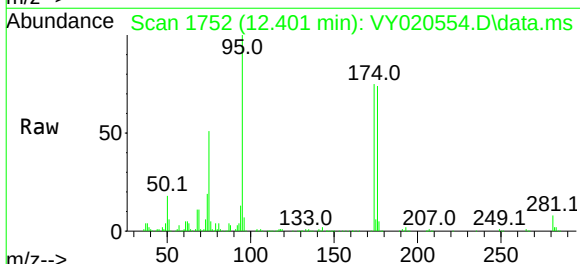
Tgt Ion: 95 Resp: 115475

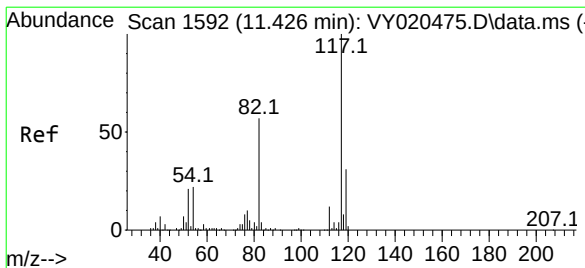
Ion Ratio Lower Upper

95 100

174 80.2 0.0 156.8

176 78.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1592

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

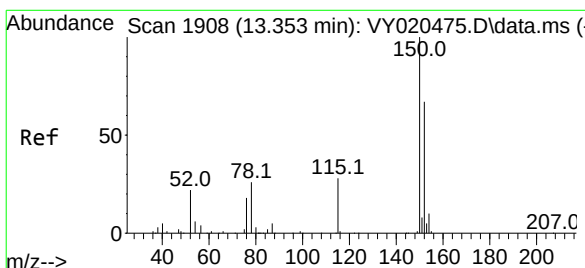
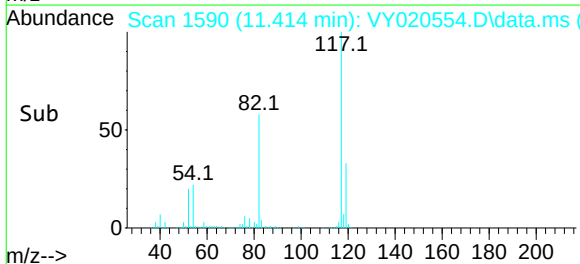
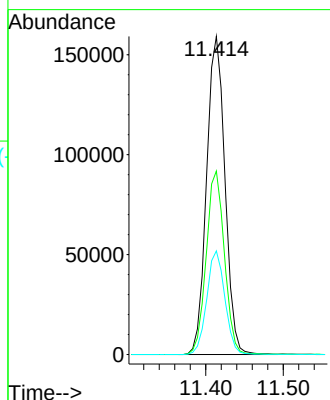
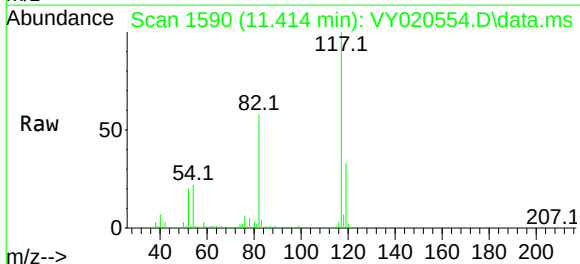
Instrument :

MSVOA_Y

ClientSampleId :

MH-743-VOC

Tgt Ion:	117	Resp:	262120
Ion	Ratio	Lower	Upper
117	100		
82	57.7	48.2	72.4
119	32.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Tgt Ion:	152	Resp:	105013
Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.0	90.0
150	157.4	0.0	348.2

