

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020352.D
 Acq On : 20 Nov 2024 12:20
 Operator : SY/MD
 Sample : P4910-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-COTTAGE-VOC

Quant Time: Nov 21 00:45:46 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	7.707	168	110405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	215388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78000	61.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.980%
35) Dibromofluoromethane	7.634	113	69352	50.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.109	98	261670	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.402	95	91017	52.041	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.080%

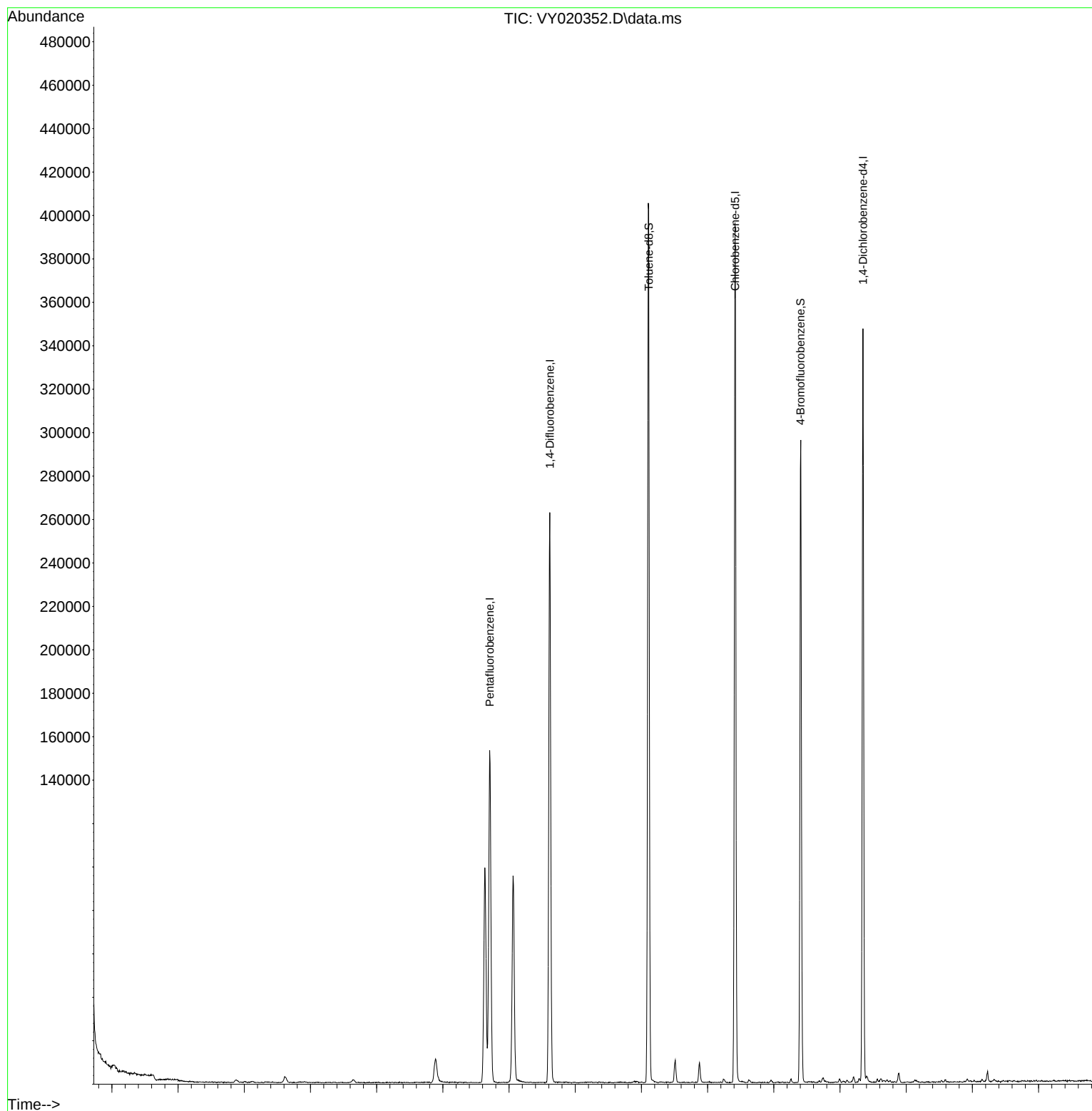
Target Compounds Qvalue

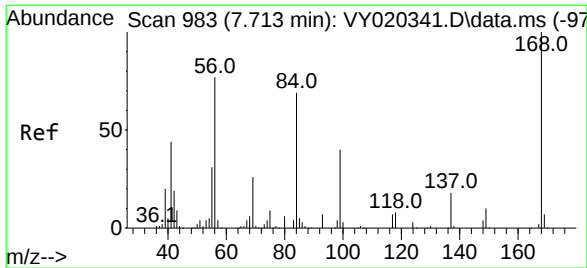
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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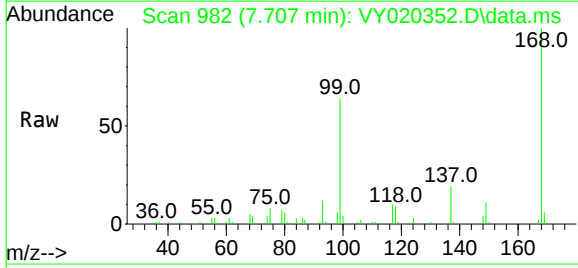
Quant Time: Nov 21 00:45:46 2024
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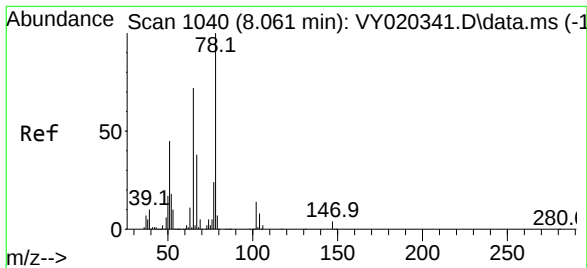
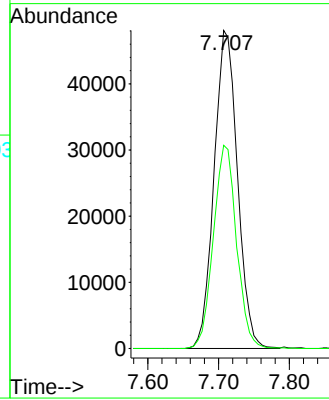
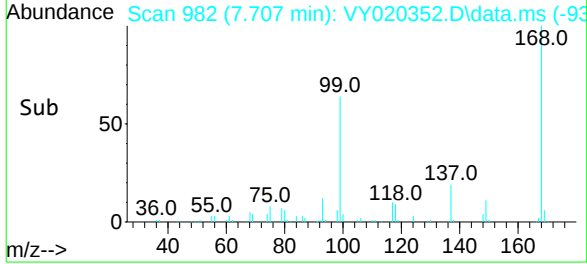


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

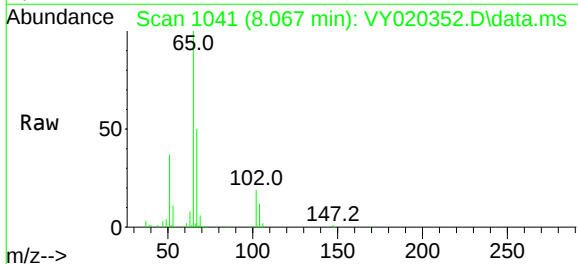
Instrument :
MSVOA_Y
ClientSampleId :
MH-COTTAGE-VOC



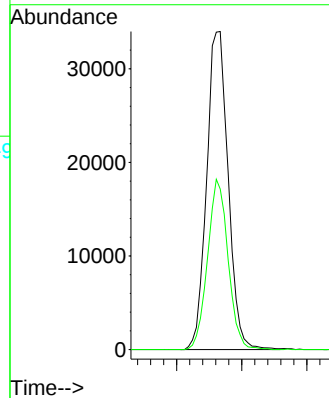
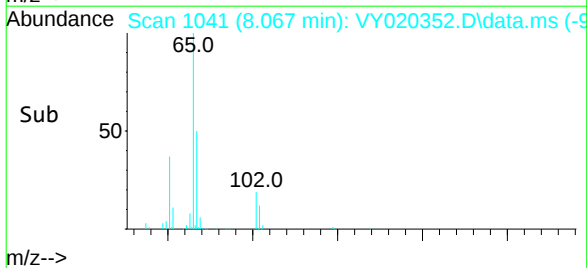
Tgt Ion:168 Resp: 110405
Ion Ratio Lower Upper
168 100
99 63.9 46.6 69.8

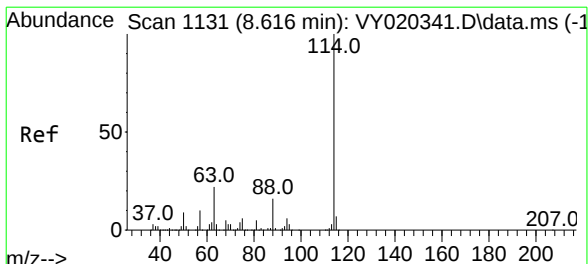


#33
1,2-Dichloroethane-d4
Concen: 61.494 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20



Tgt Ion: 65 Resp: 78000
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.8

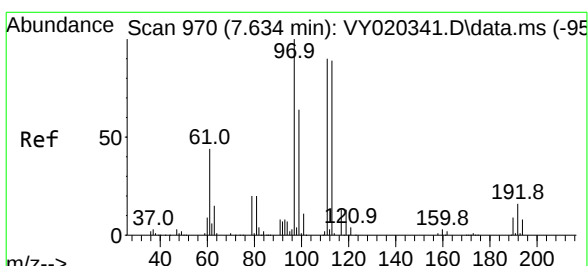
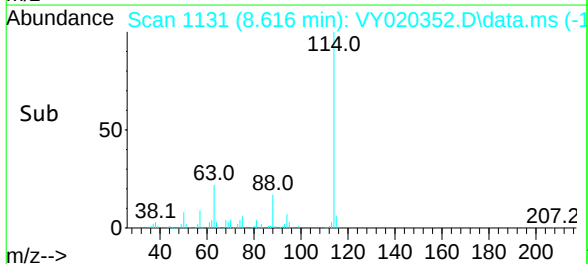
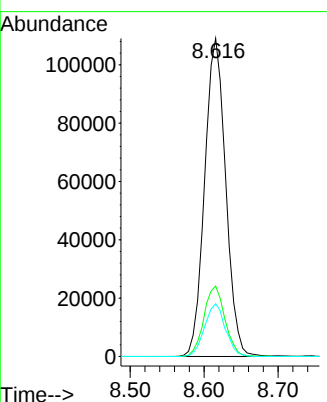
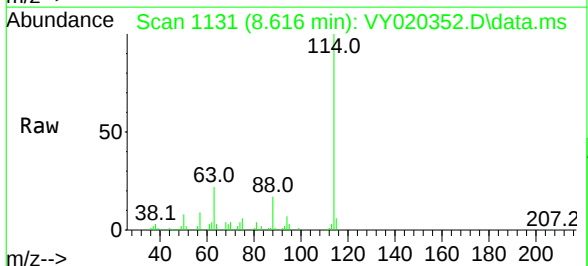




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020352.D
 Acq: 20 Nov 2024 12:20

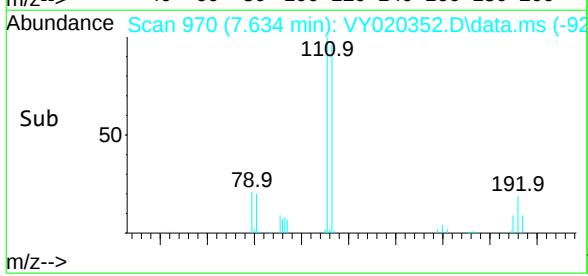
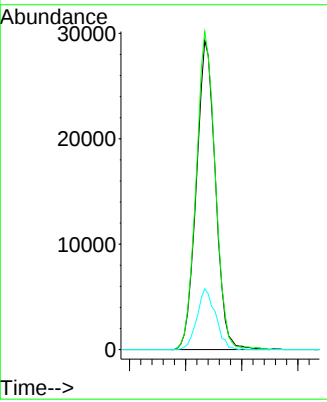
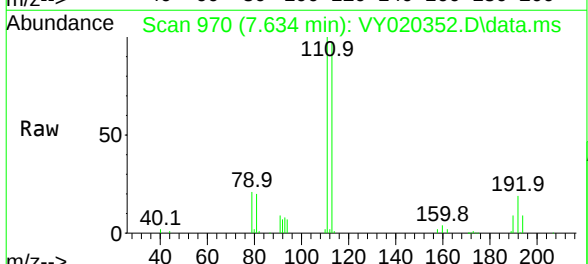
Instrument :
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 ClientSampleId :
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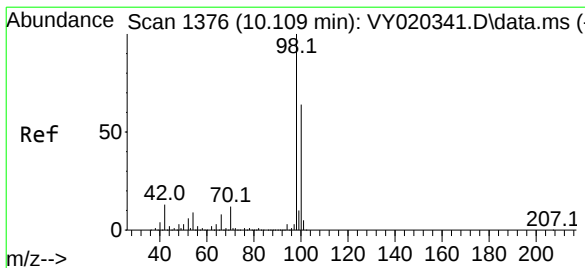
Tgt Ion:	114	Resp:	215388
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.8
88	16.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.214 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020352.D
 Acq: 20 Nov 2024 12:20

Tgt Ion:	113	Resp:	69352
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.2	15.1	22.7





#50

Toluene-d8

Concen: 48.096 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020352.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

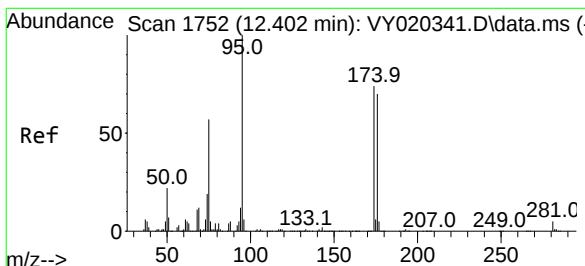
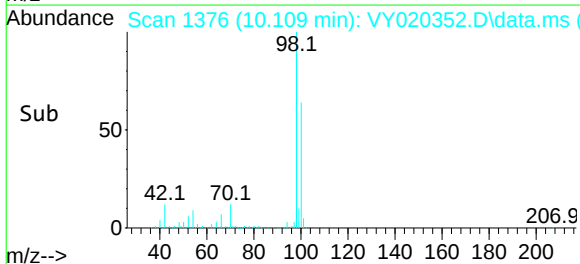
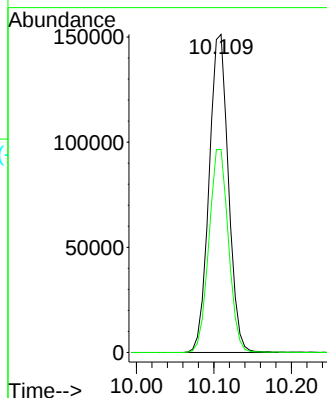
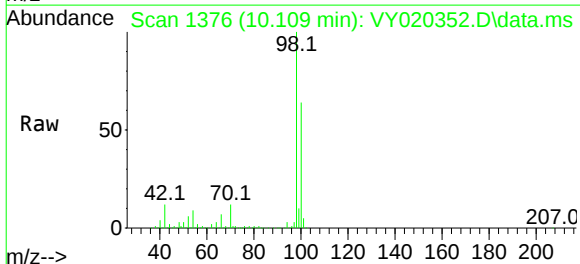
MH-COTTAGE-VOC

Tgt Ion: 98 Resp: 261670

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.041 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020352.D

Acq: 20 Nov 2024 12:20

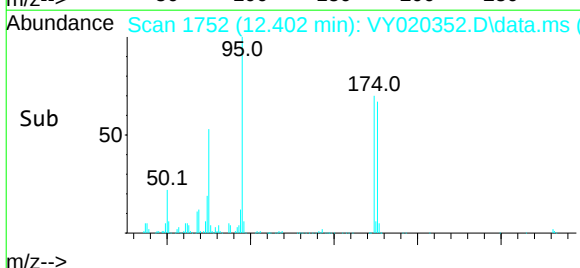
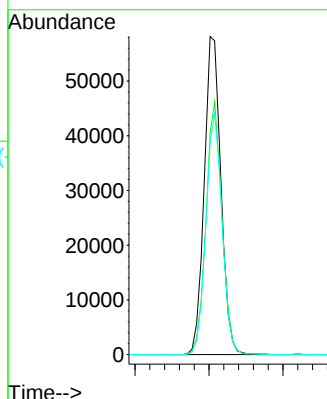
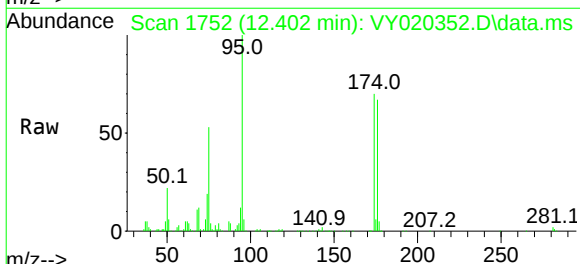
Tgt Ion: 95 Resp: 91017

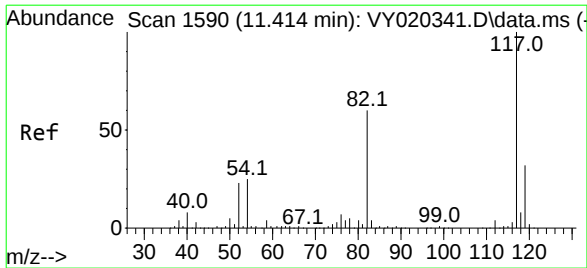
Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.8

176 73.5 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: VY020352.D

Acq: 20 Nov 2024 12:20

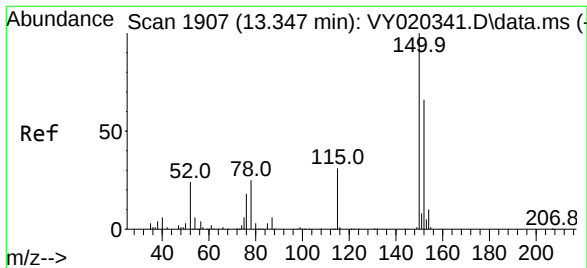
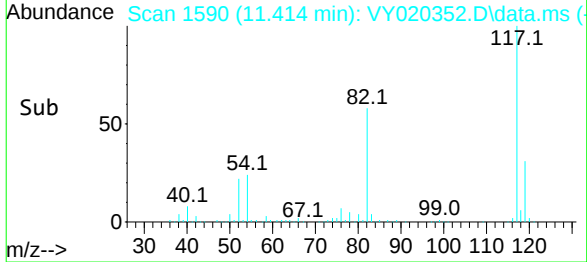
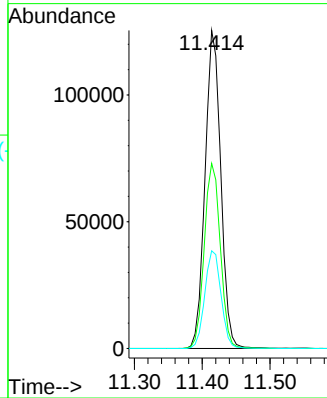
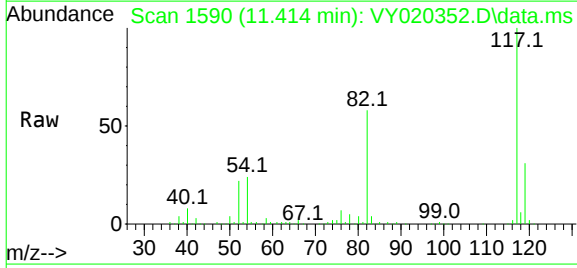
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	201860
Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.2	72.4
119	30.7	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: VY020352.D

Acq: 20 Nov 2024 12:20

Tgt Ion:	152	Resp:	80899
Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.0	90.0
150	155.5	0.0	348.2

