

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020428.D
 Acq On : 25 Nov 2024 14:39
 Operator : SY/MD
 Sample : P4949-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONTAINMENT-STONE

Quant Time: Nov 25 15:31:03 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	120585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	219841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	186208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	60929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	63851	46.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.180%
35) Dibromofluoromethane	7.640	113	65228	46.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.109	98	258173	46.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.407	95	74574	41.775	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.560%

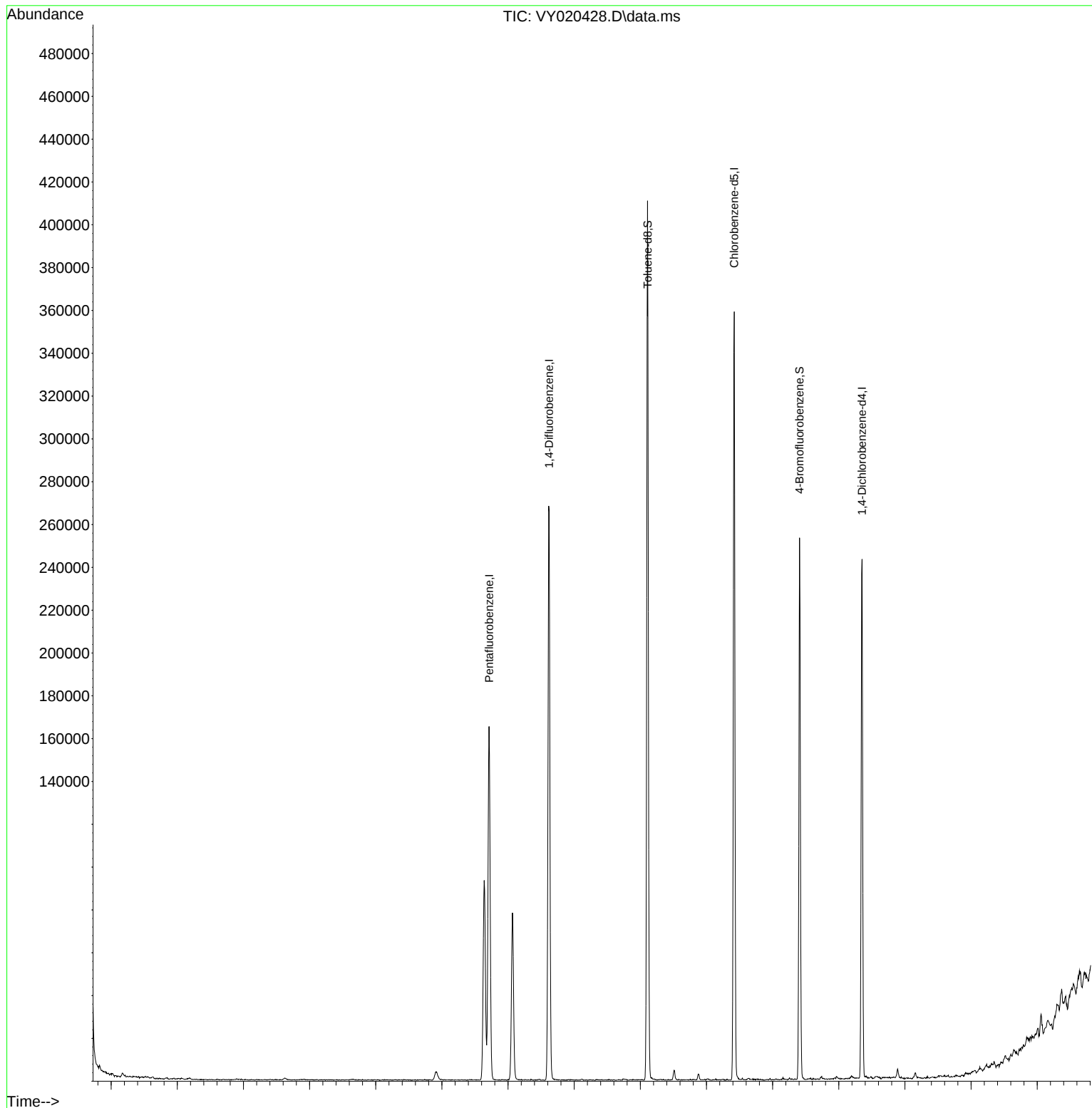
Target Compounds Qvalue

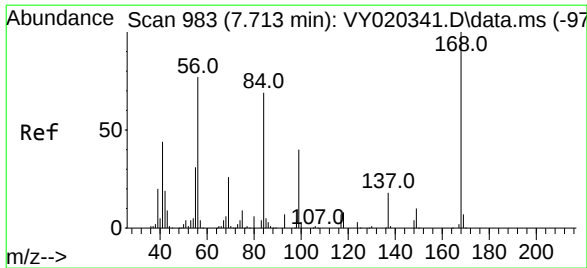
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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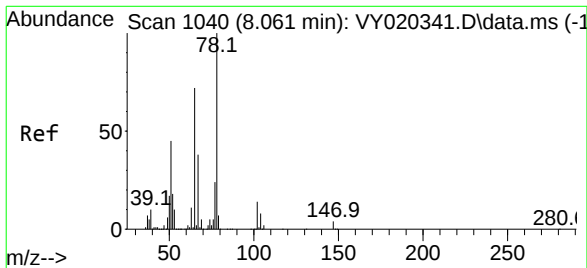
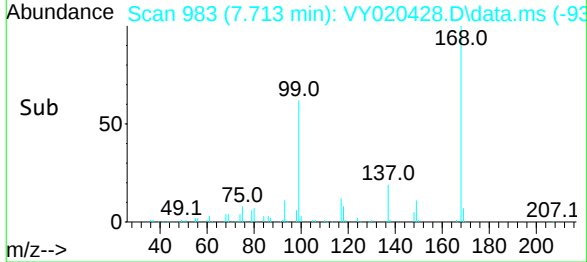
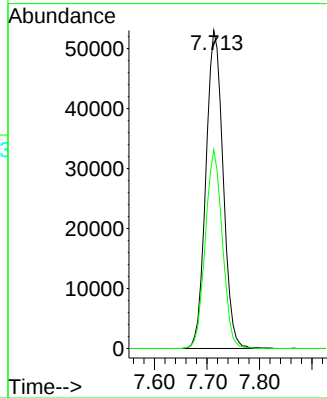
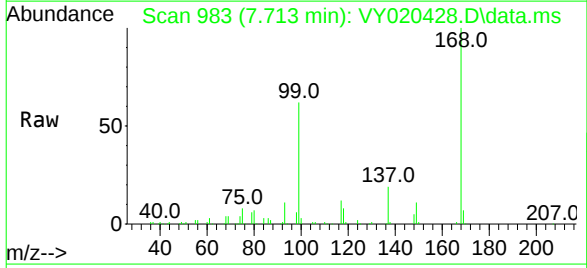




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020428.D
Acq: 25 Nov 2024 14:39

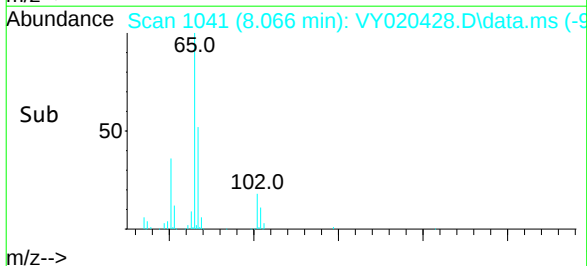
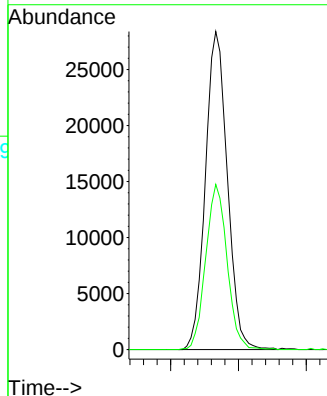
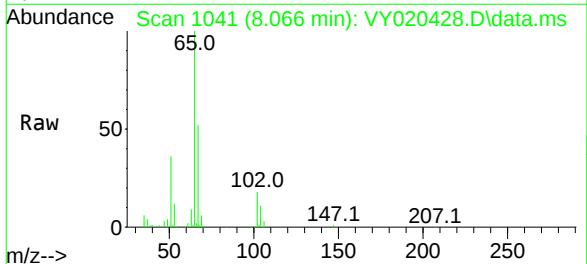
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-STONE

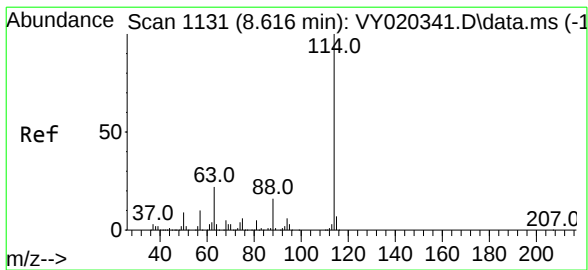
Tgt Ion:168 Resp: 120585
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.089 ug/l
RT: 8.066 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020428.D
Acq: 25 Nov 2024 14:39

Tgt Ion: 65 Resp: 63851
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020428.D

Acq: 25 Nov 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

CONTAINMENT-STONE

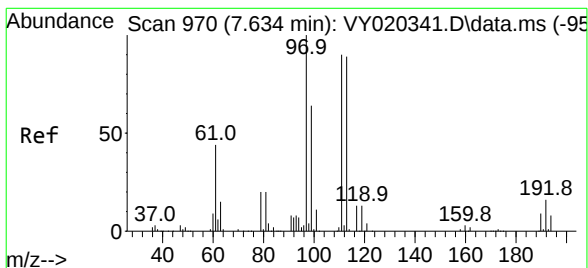
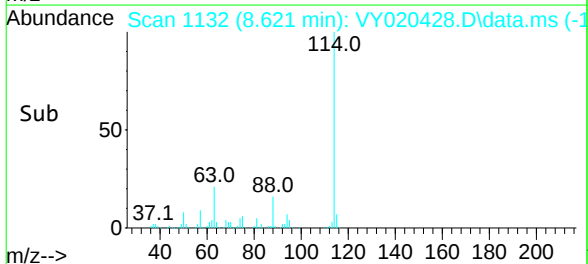
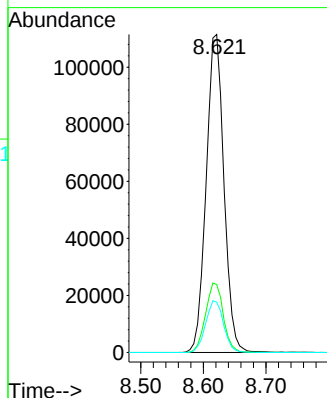
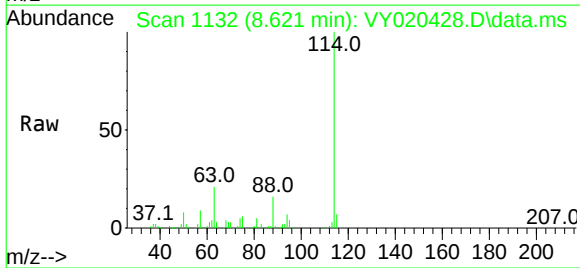
Tgt Ion:114 Resp: 219841

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.271 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020428.D

Acq: 25 Nov 2024 14:39

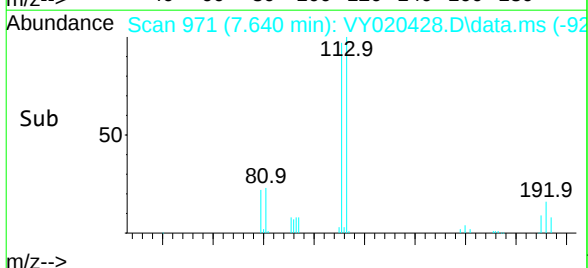
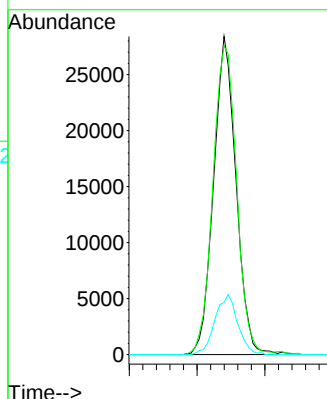
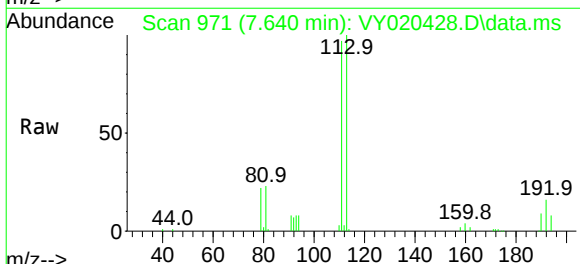
Tgt Ion:113 Resp: 65228

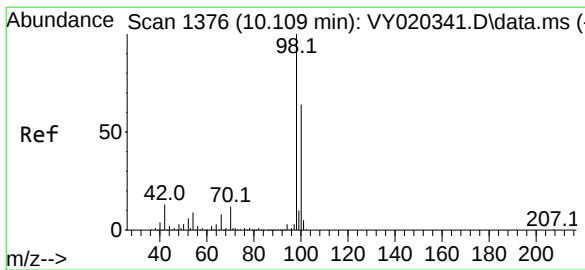
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.1 15.1 22.7





#50

Toluene-d8

Concen: 46.492 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.001 min

Lab File: VY020428.D

Acq: 25 Nov 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

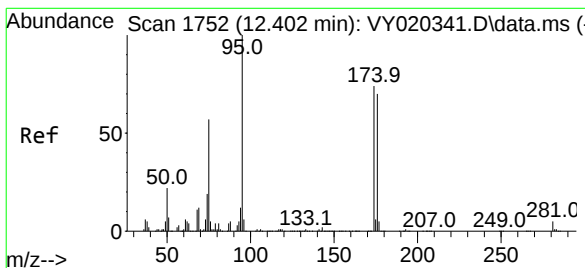
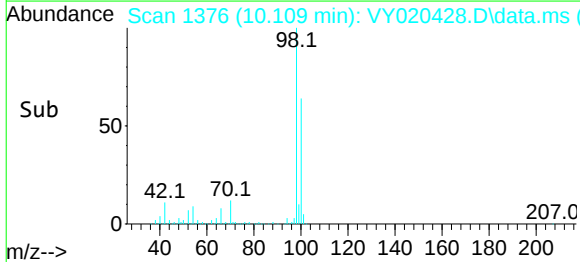
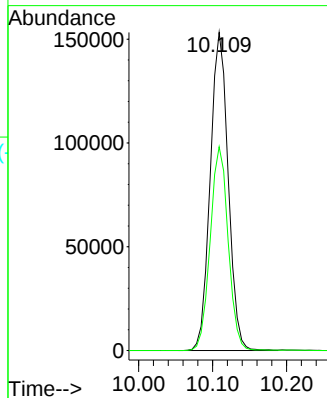
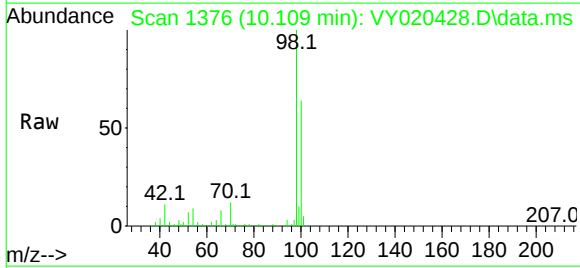
CONTAINMENT-STONE

Tgt Ion: 98 Resp: 258173

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 41.775 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020428.D

Acq: 25 Nov 2024 14:39

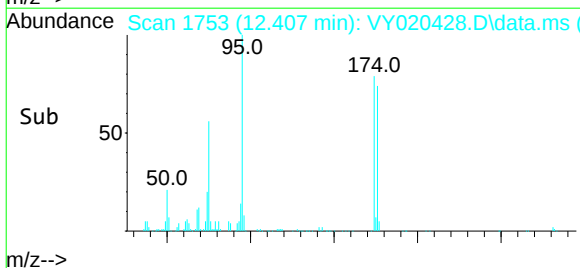
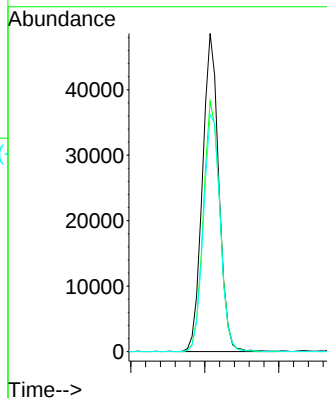
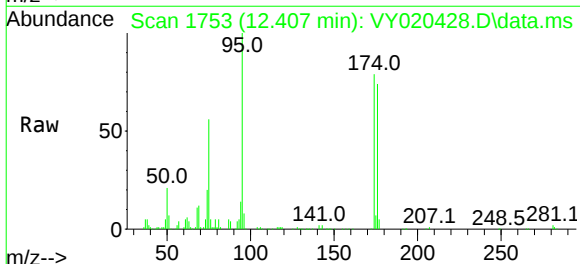
Tgt Ion: 95 Resp: 74574

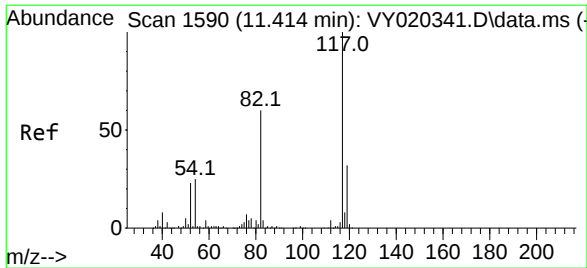
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.8

176 76.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020428.D

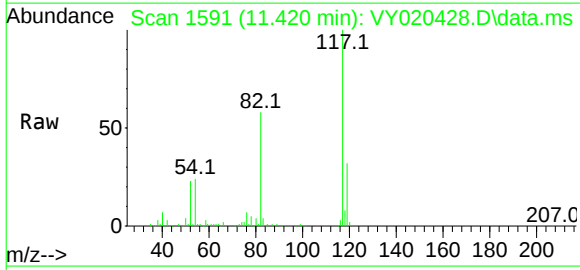
Acq: 25 Nov 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

CONTAINMENT-STONE



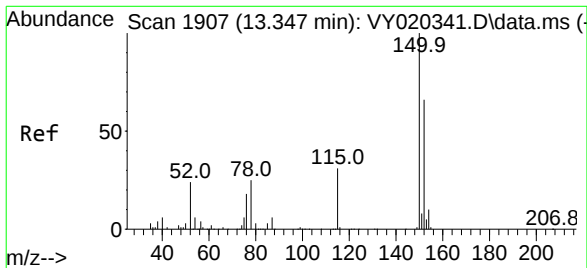
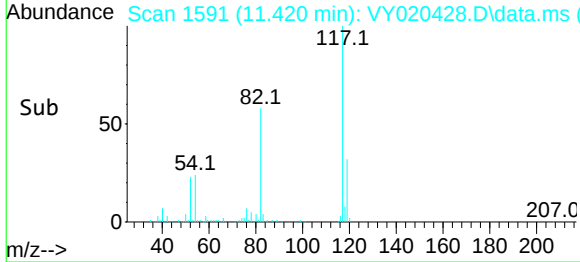
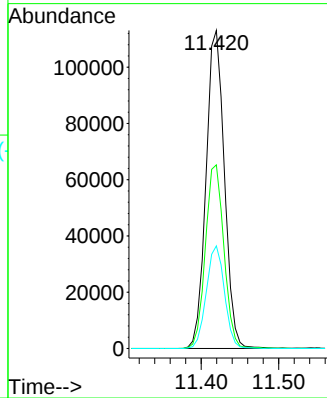
Tgt Ion:117 Resp: 186208

Ion	Ratio	Lower	Upper
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117	100		
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82	57.7	48.2	72.4
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119	32.3	25.8	38.8
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020428.D

Acq: 25 Nov 2024 14:39

Tgt Ion:152 Resp: 60929

Ion	Ratio	Lower	Upper
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152	100		
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115	60.4	30.0	90.0
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150	158.5	0.0	348.2
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