

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020407.D
 Acq On : 22 Nov 2024 12:53
 Operator : SY/MD
 Sample : P4954-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-112124

Quant Time: Nov 22 23:59:24 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	7.719	168	25280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	36509	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	24460	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.352	152	6650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	10502	36.159	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.320%
35) Dibromofluoromethane	7.646	113	10592	45.244	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.115	98	40429	43.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.414	95	9183	30.976	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.960%

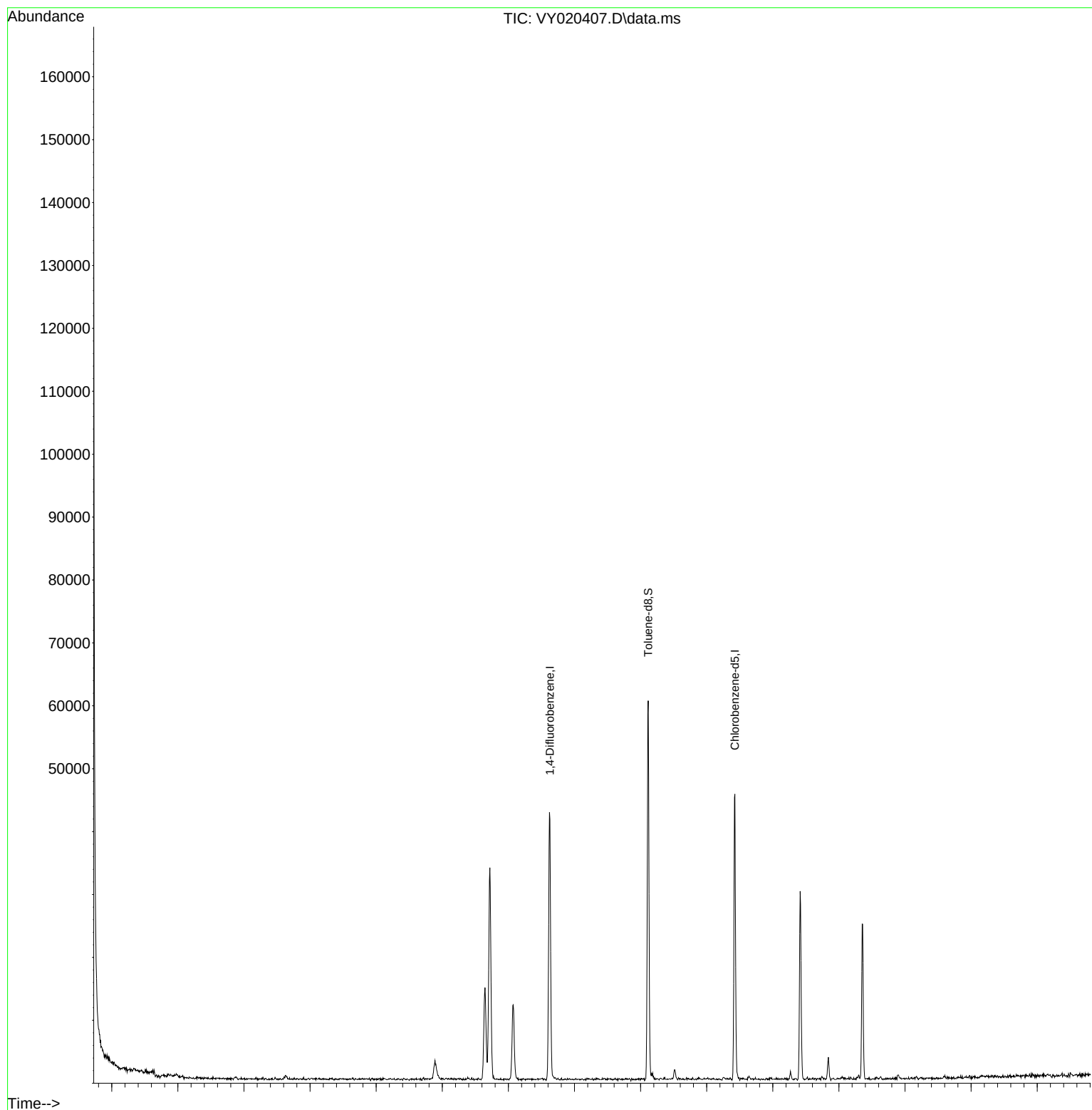
Target Compounds Qvalue

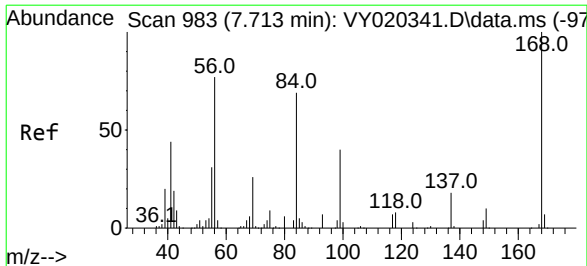
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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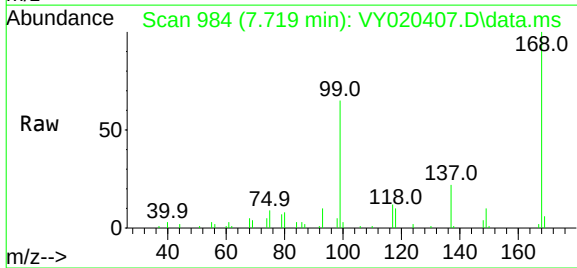
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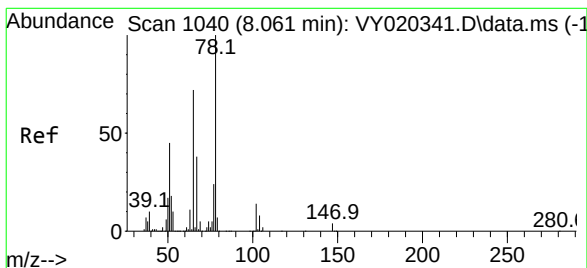
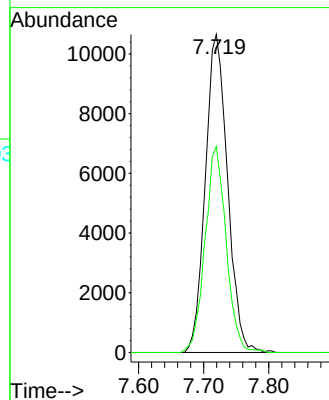
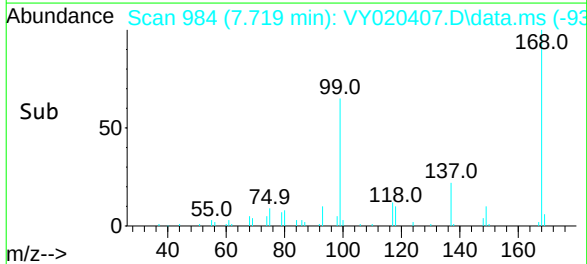


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

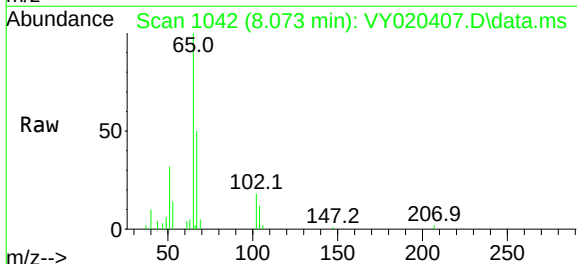
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-112124



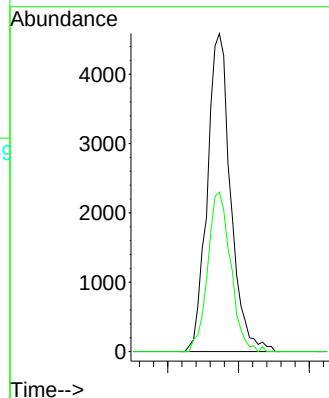
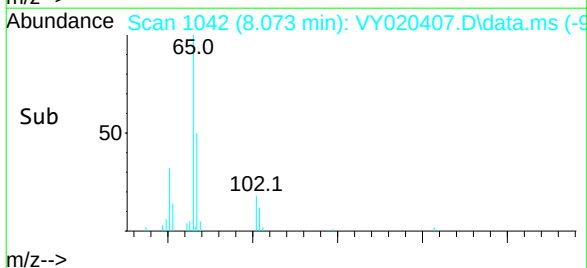
Tgt Ion:168 Resp: 25280
Ion Ratio Lower Upper
168 100
99 64.7 46.6 69.8

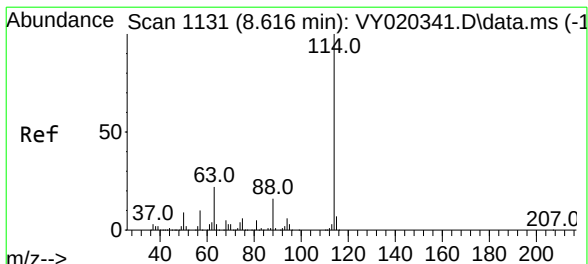


#33
1,2-Dichloroethane-d4
Concen: 36.159 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53



Tgt Ion: 65 Resp: 10502
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.8

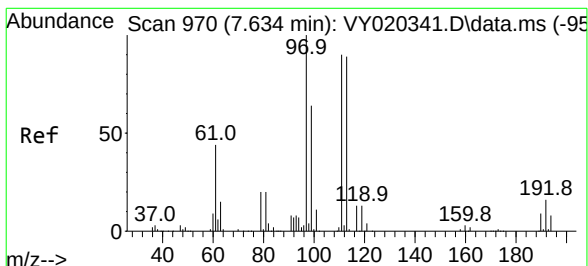
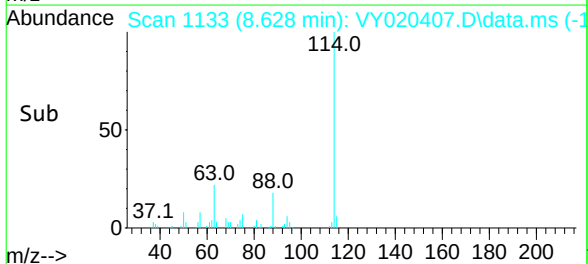
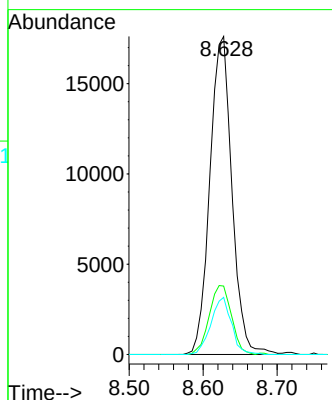
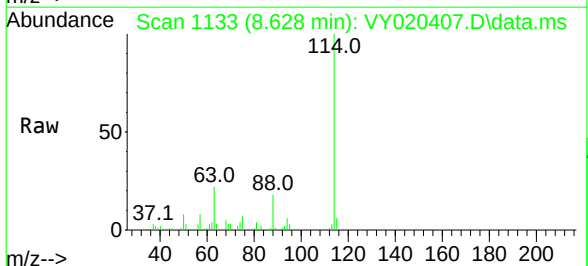




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.012 min
 Lab File: VY020407.D
 Acq: 22 Nov 2024 12:53

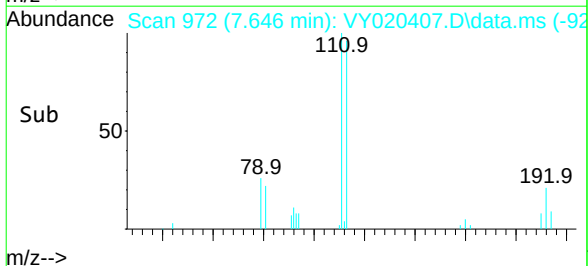
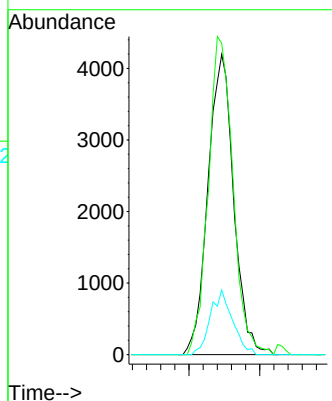
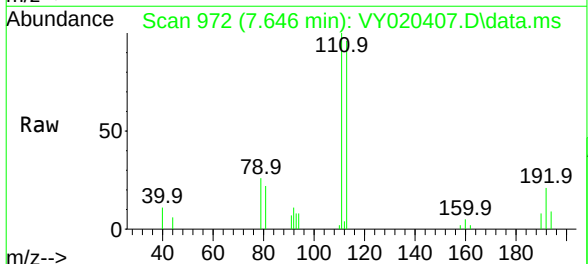
Instrument :
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 TR-06-112124

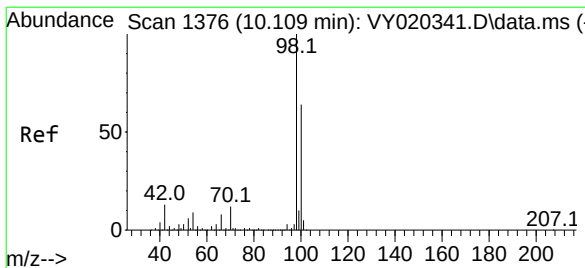
Tgt Ion:	114	Resp:	36509
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	44.8
88	18.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 45.244 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.012 min
 Lab File: VY020407.D
 Acq: 22 Nov 2024 12:53

Tgt Ion:	113	Resp:	10592
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	18.6	15.1	22.7





#50

Toluene-d8

Concen: 43.840 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

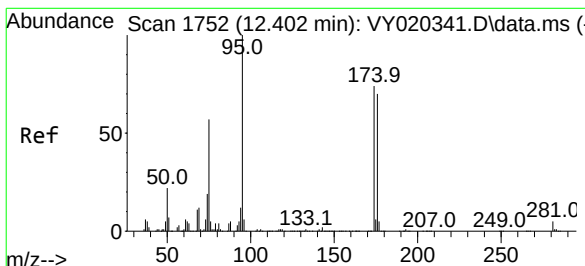
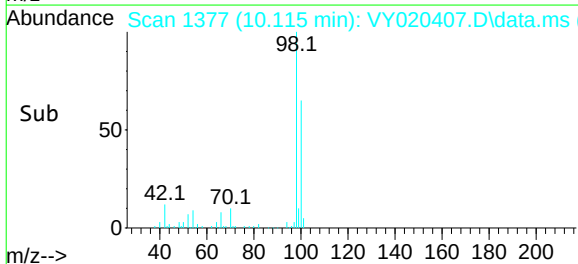
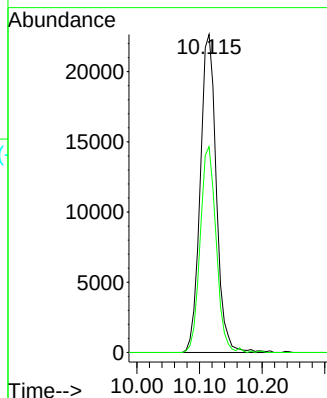
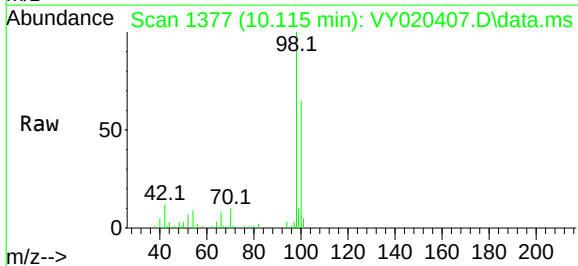
TR-06-112124

Tgt Ion: 98 Resp: 40429

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 30.976 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

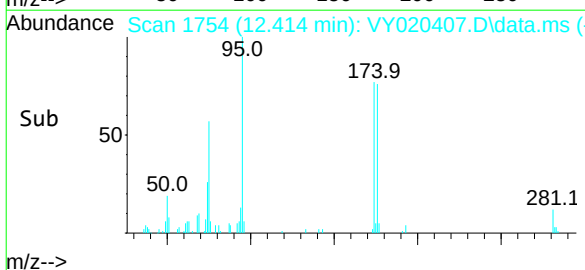
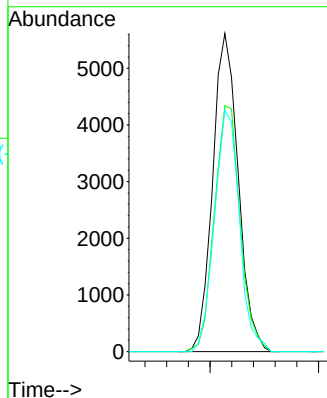
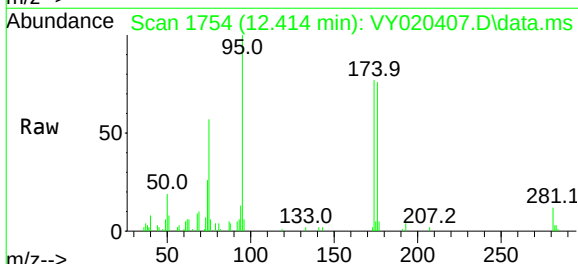
Tgt Ion: 95 Resp: 9183

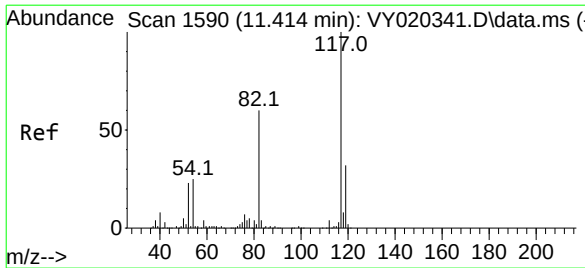
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.8

176 74.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.012 min

Lab File: VY020407.D

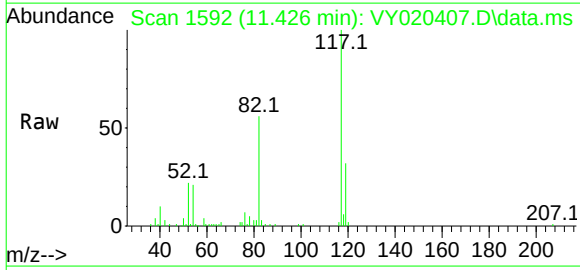
Acq: 22 Nov 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-112124



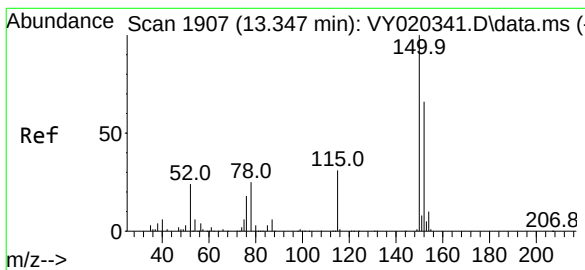
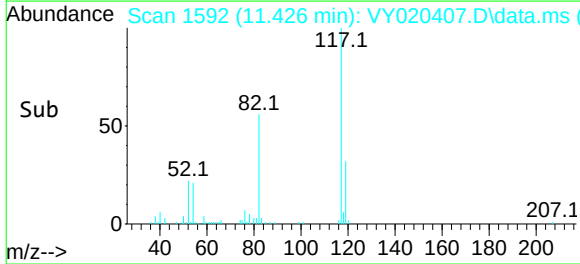
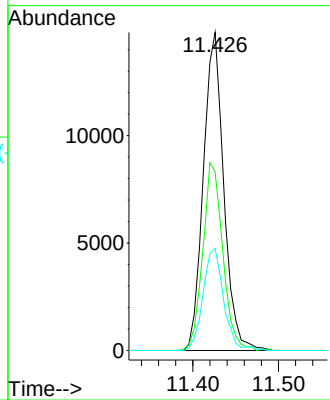
Tgt Ion:117 Resp: 24460

Ion	Ratio	Lower	Upper
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117	100		
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82	56.1	48.2	72.4
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119	32.1	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: VY020407.D

Acq: 22 Nov 2024 12:53

Tgt Ion:152 Resp: 6650

Ion	Ratio	Lower	Upper
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152	100		
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115	58.0	30.0	90.0
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150	157.9	0.0	348.2
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