

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020432.D
 Acq On : 25 Nov 2024 16:10
 Operator : SY/MD
 Sample : P4951-02RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-112124RE

Quant Time: Nov 26 00:45:47 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	12688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	20497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	3766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	5852	40.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.300%
35) Dibromofluoromethane	7.634	113	5888	44.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.600%
50) Toluene-d8	10.109	98	22597	43.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.300%
62) 4-Bromofluorobenzene	12.408	95	5317	31.946	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.900%

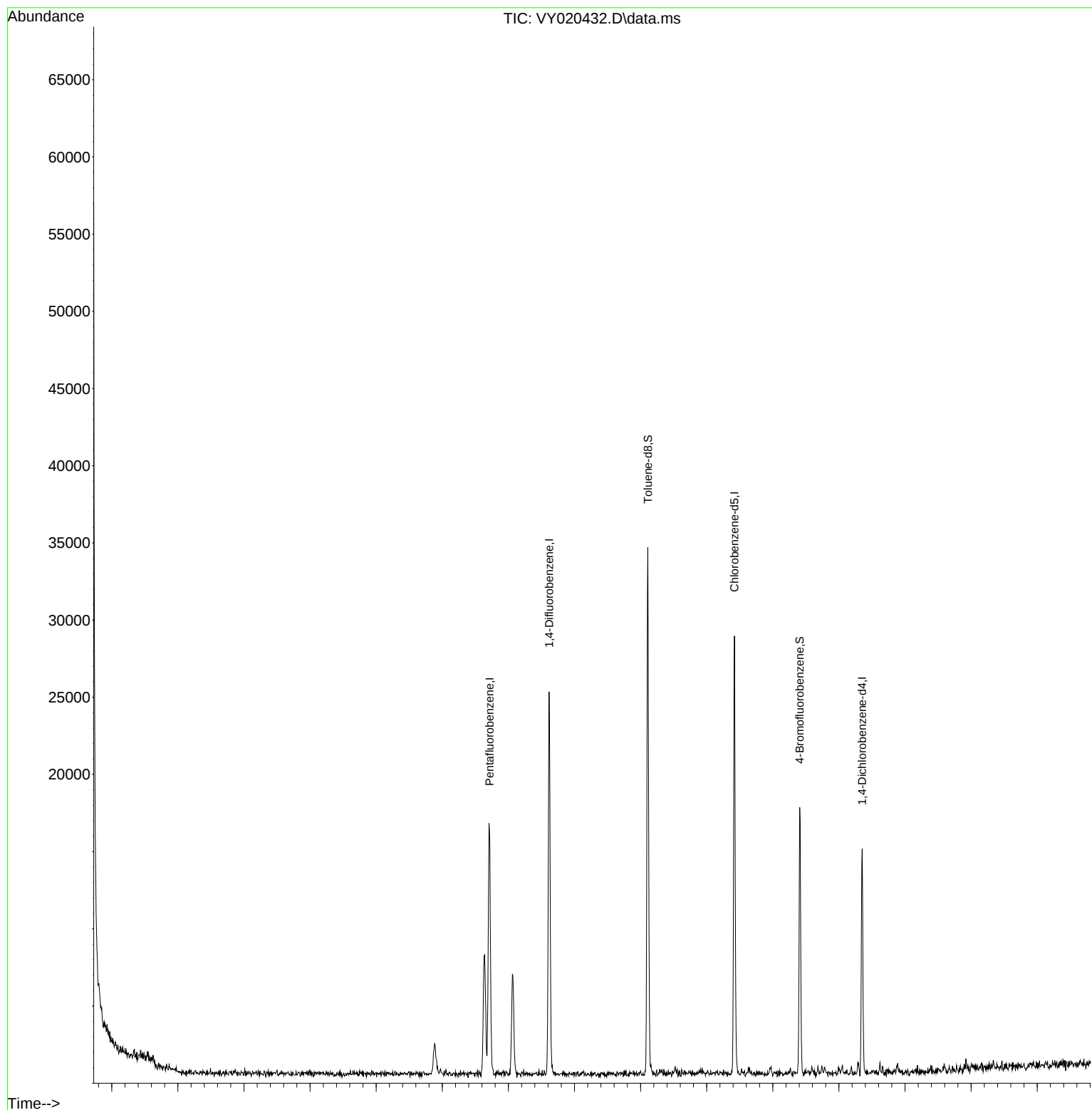
Target Compounds Qvalue

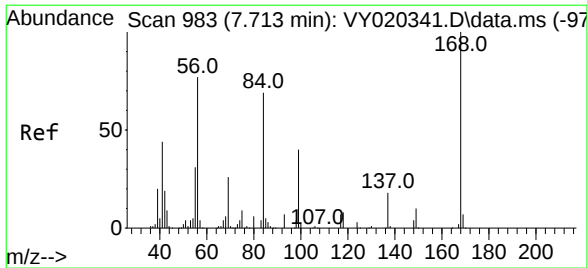
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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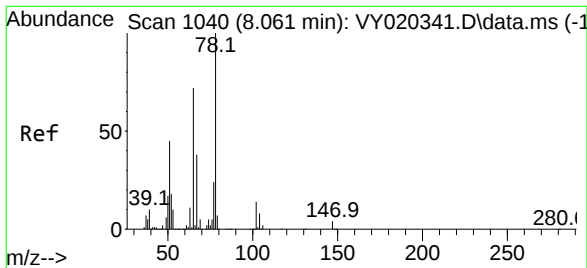
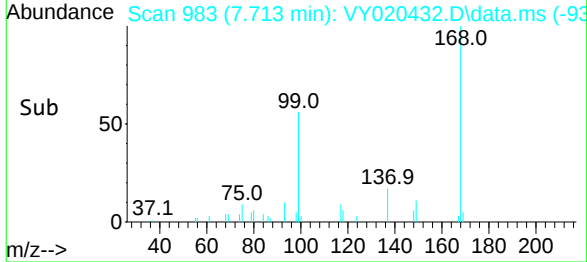
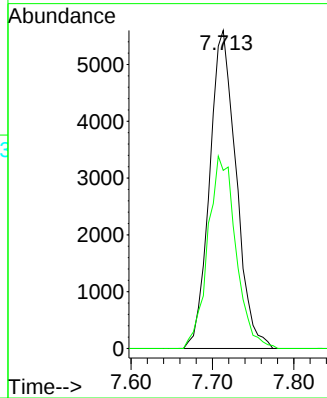
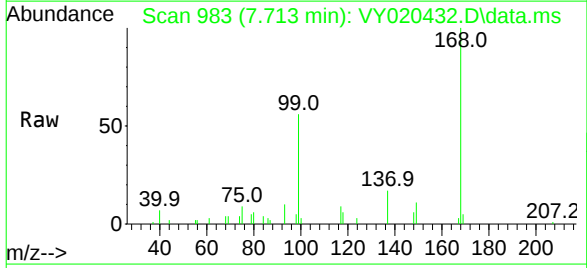




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020432.D
Acq: 25 Nov 2024 16:10

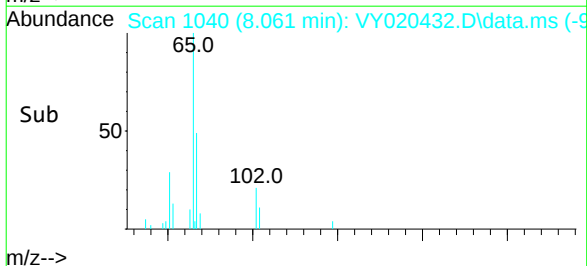
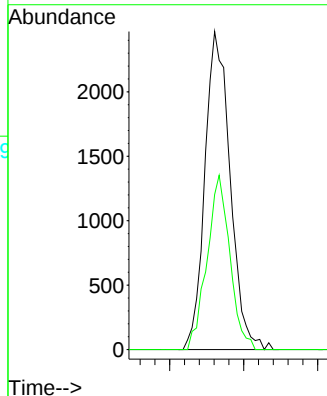
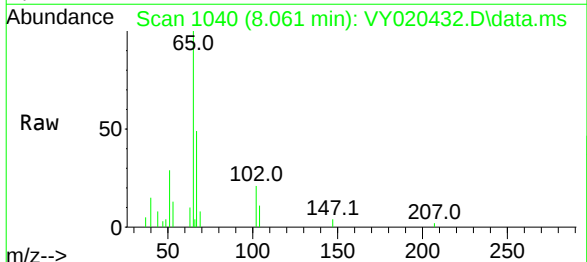
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-112124RE

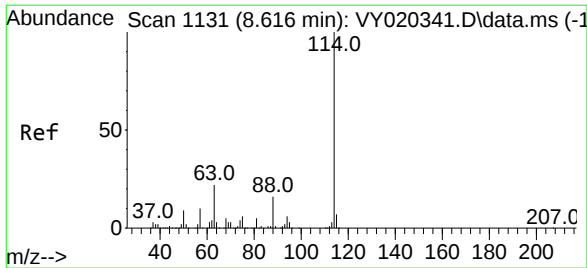
Tgt Ion:168 Resp: 12688
Ion Ratio Lower Upper
168 100
99 56.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 40.145 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020432.D
Acq: 25 Nov 2024 16:10

Tgt Ion: 65 Resp: 5852
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.8

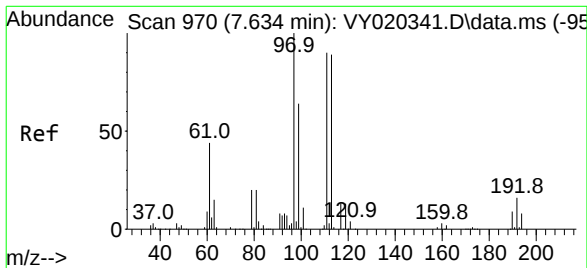
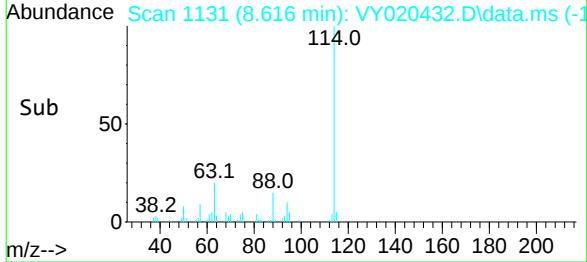
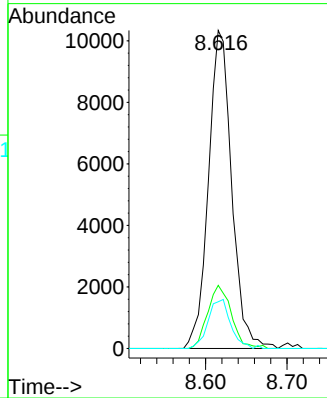
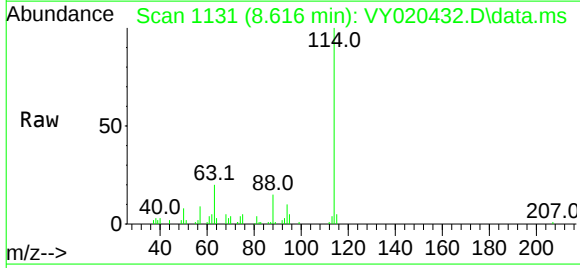




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020432.D
Acq: 25 Nov 2024 16:10

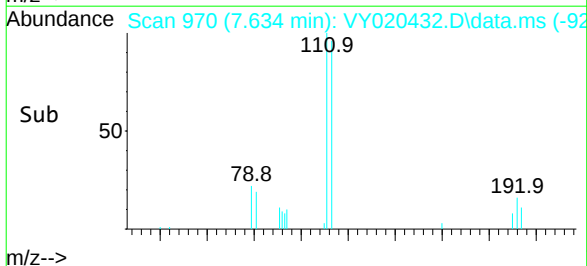
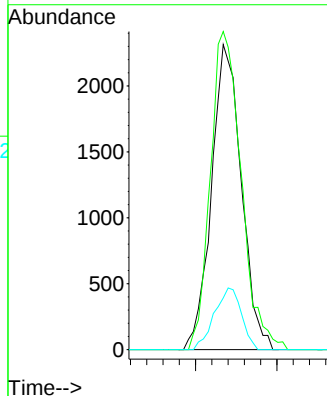
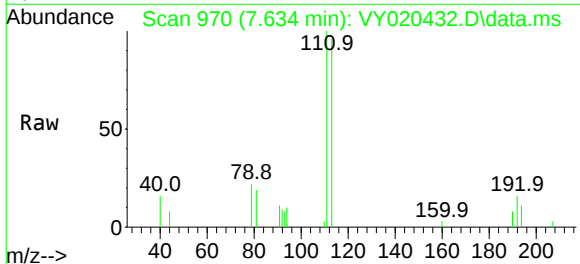
Instrument :
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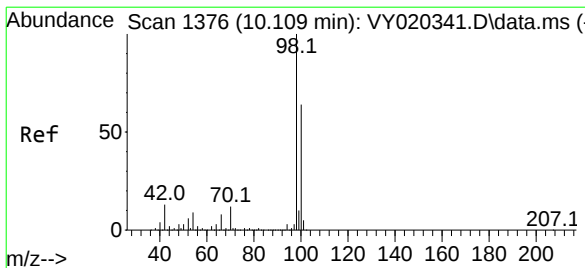
Tgt Ion:	114	Resp:	20497
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.8
88	14.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 44.799 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020432.D
Acq: 25 Nov 2024 16:10

Tgt Ion:	113	Resp:	5888
Ion	Ratio	Lower	Upper
113	100		
111	107.8	81.4	122.0
192	18.3	15.1	22.7





#50

Toluene-d8

Concen: 43.645 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020432.D

Acq: 25 Nov 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

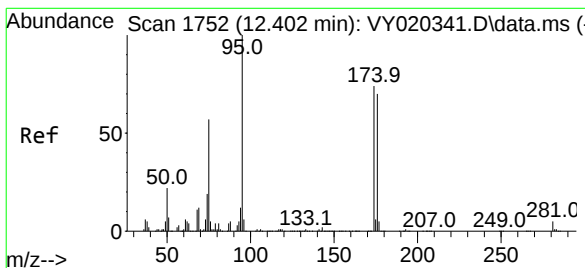
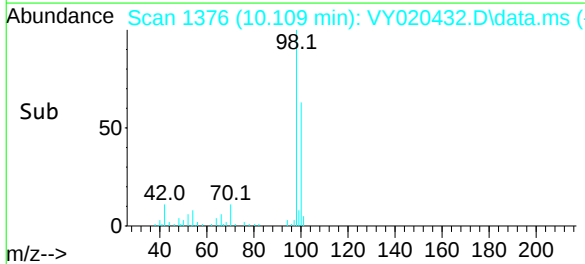
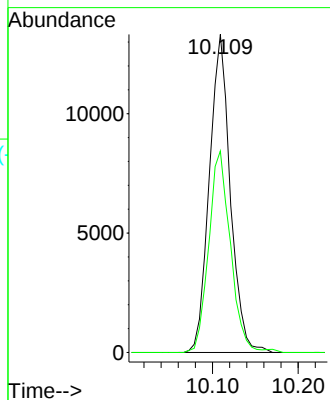
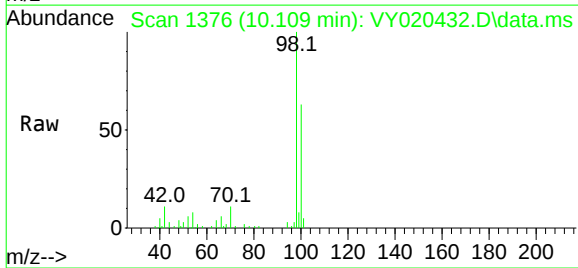
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Tgt Ion: 98 Resp: 22597

Ion Ratio Lower Upper

98 100

100 65.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 31.946 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020432.D

Acq: 25 Nov 2024 16:10

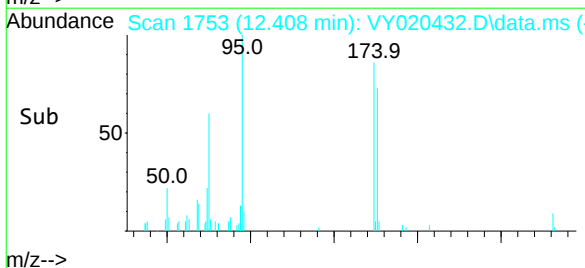
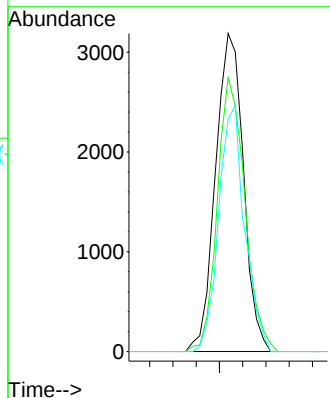
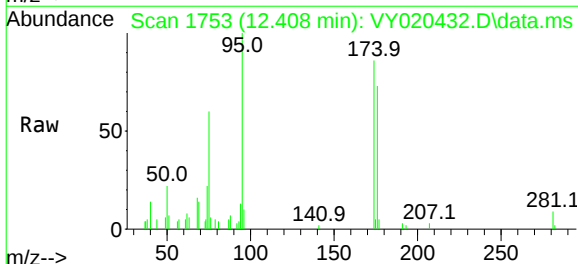
Tgt Ion: 95 Resp: 5317

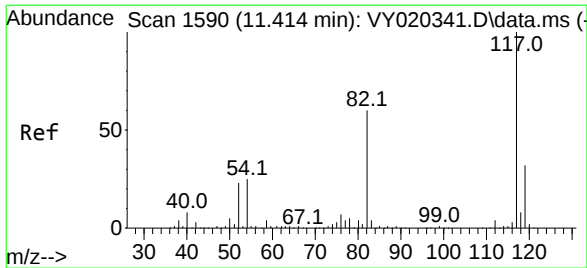
Ion Ratio Lower Upper

95 100

174 84.7 0.0 156.8

176 72.2 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: VY020432.D

Acq: 25 Nov 2024 16:10

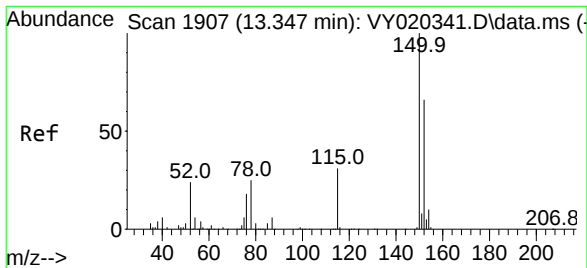
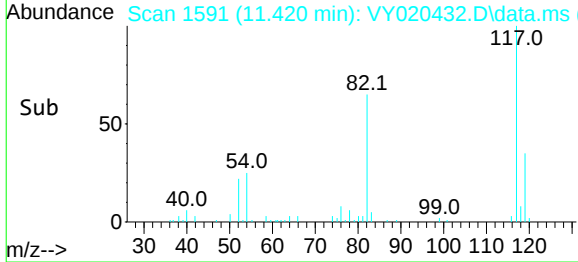
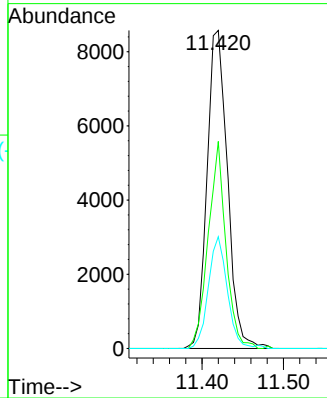
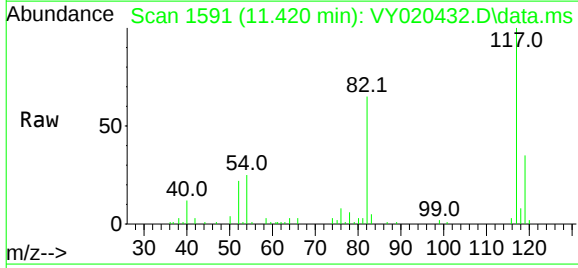
Instrument :

MSVOA_Y

ClientSampleId :

AU-05-112124RE

Tgt Ion:	117	Resp:	14943
Ion	Ratio	Lower	Upper
117	100		
82	65.1	48.2	72.4
119	35.1	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020432.D

Acq: 25 Nov 2024 16:10

Tgt Ion:	152	Resp:	3766
Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.0	90.0
150	165.4	0.0	348.2

