

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020410.D
 Acq On : 22 Nov 2024 14:03
 Operator : SY/MD
 Sample : P4951-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-112124

Quant Time: Nov 23 00:00:30 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	12475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	4473	50.000	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	7759	54.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.280%
35) Dibromofluoromethane	7.640	113	6736	50.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.109	98	24057	45.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.408	95	6280	36.819	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.640%

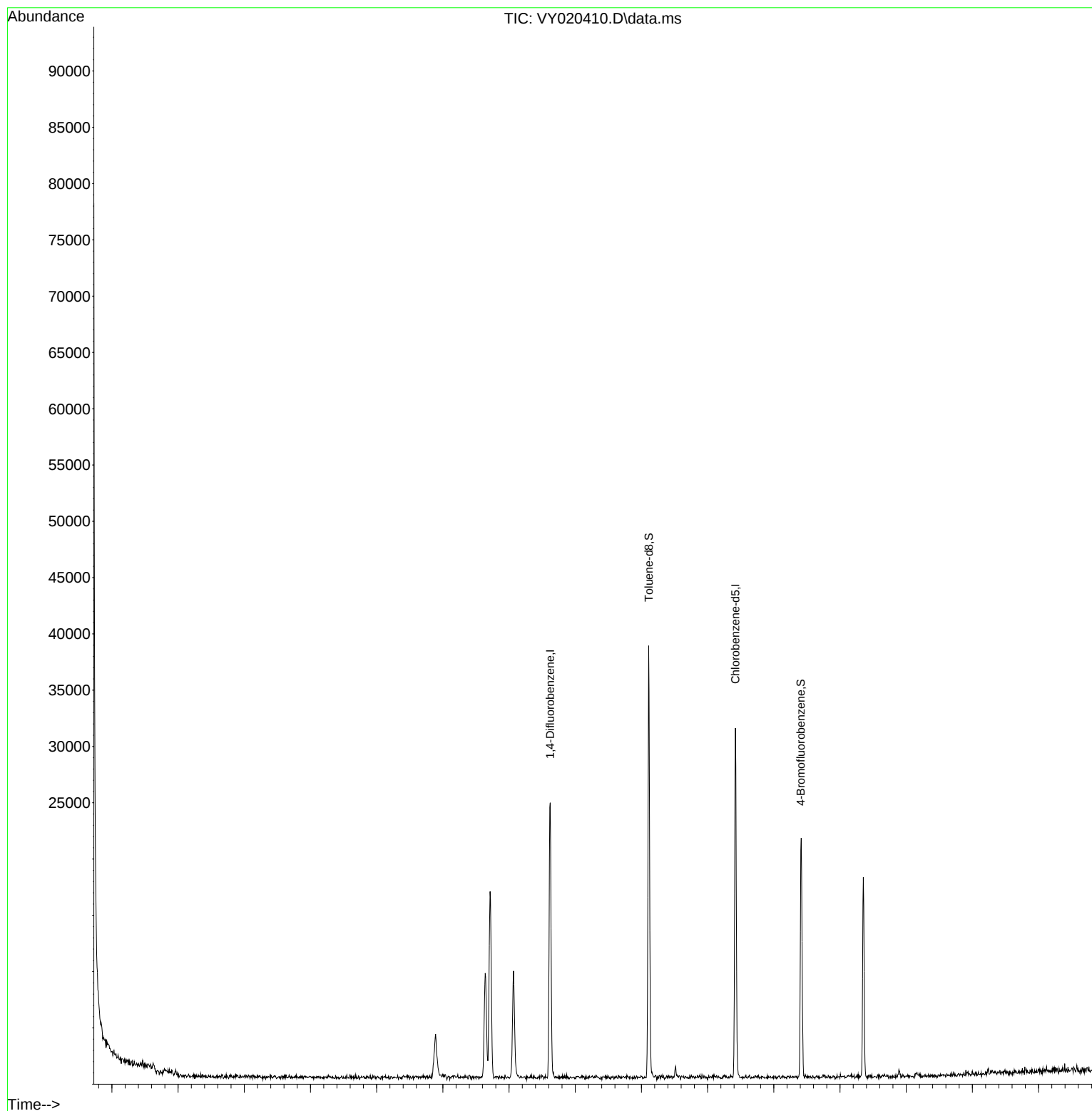
Target Compounds Qvalue

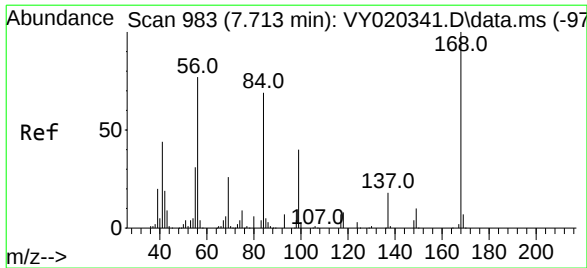
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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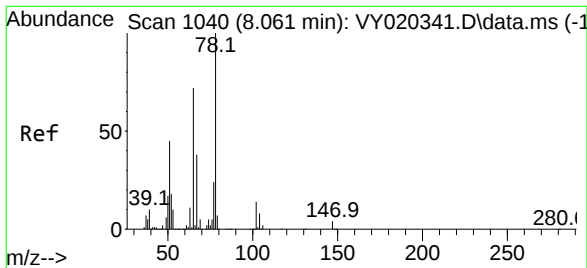
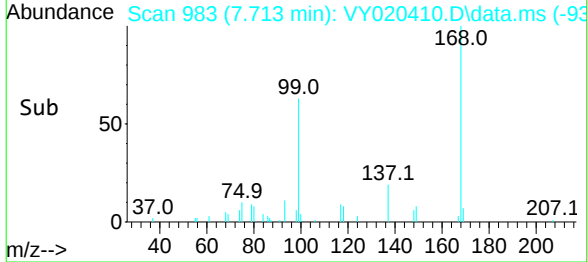
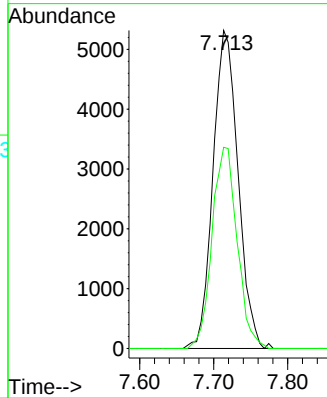
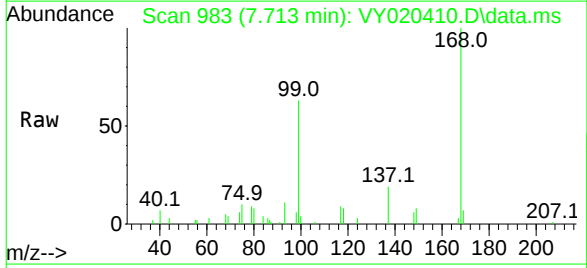




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

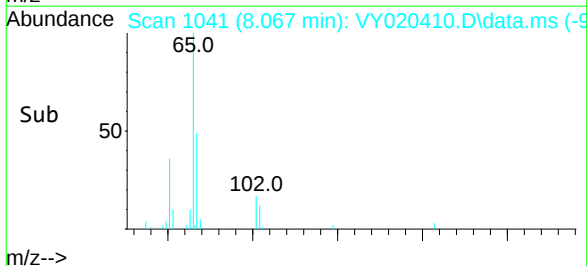
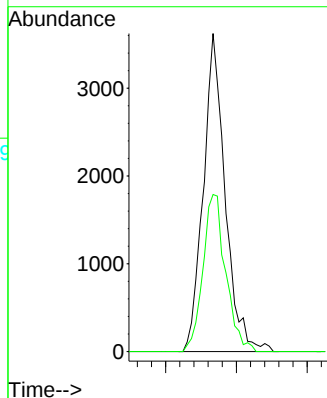
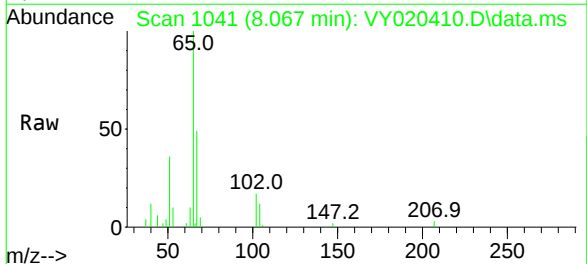
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-112124

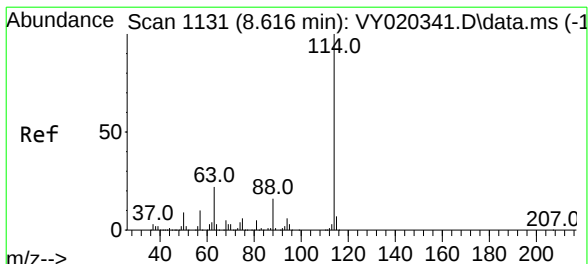
Tgt Ion:168 Resp: 12475
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.136 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

Tgt Ion: 65 Resp: 7759
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

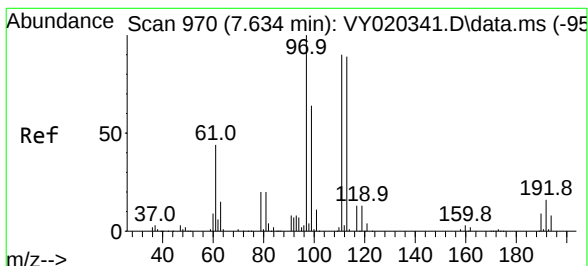
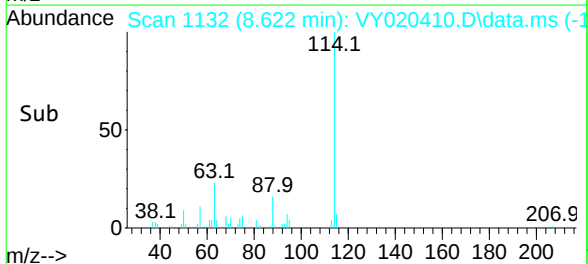
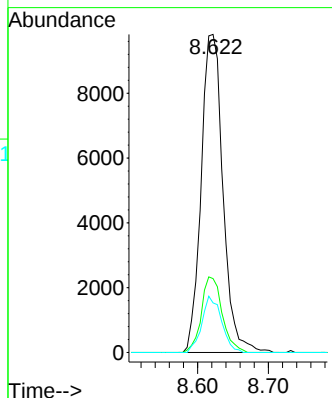
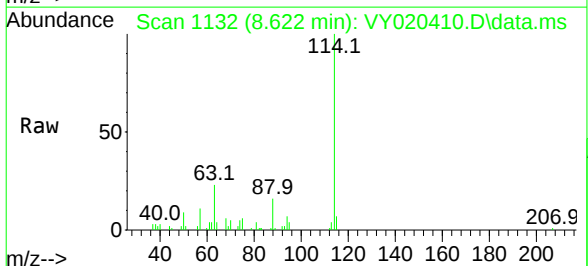




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020410.D
 Acq: 22 Nov 2024 14:03

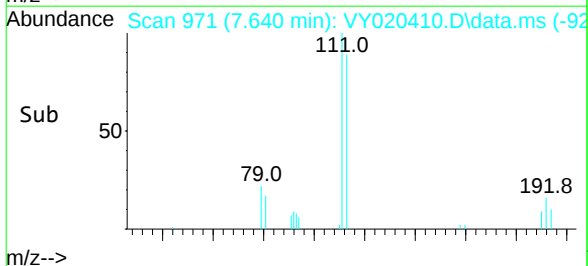
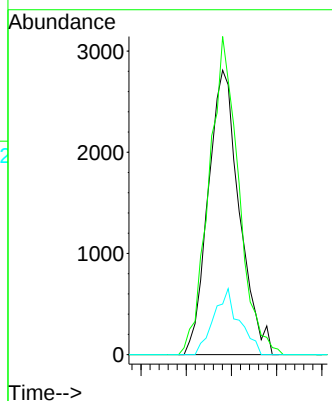
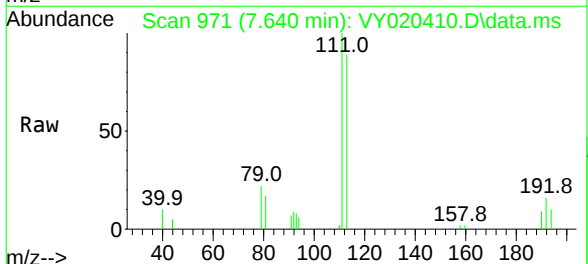
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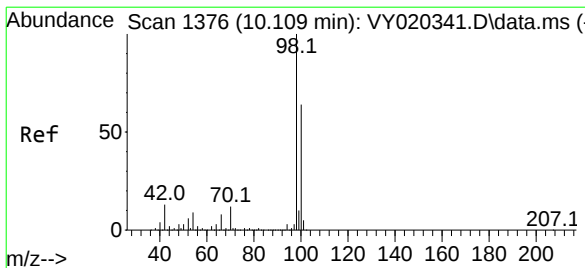
Tgt Ion:	114	Resp:	21005
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.8
88	15.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.011 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020410.D
 Acq: 22 Nov 2024 14:03

Tgt Ion:	113	Resp:	6736
Ion	Ratio	Lower	Upper
113	100		
111	106.7	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 45.342 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

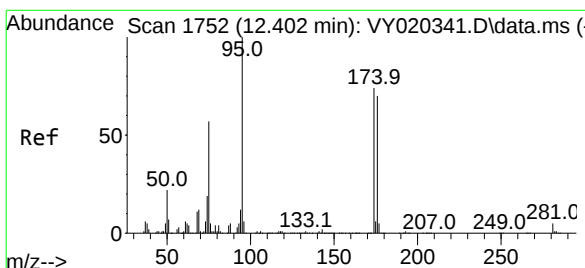
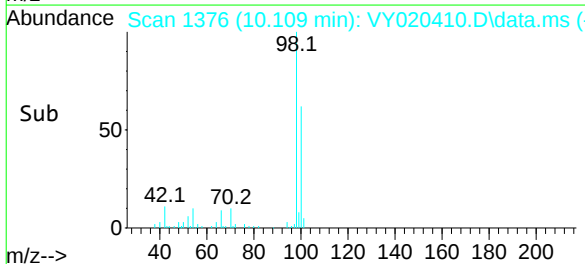
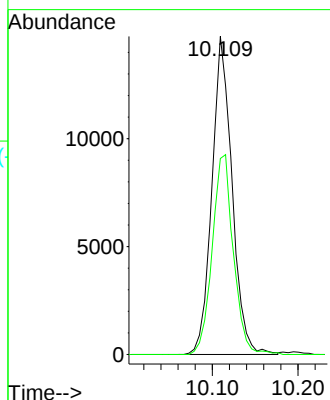
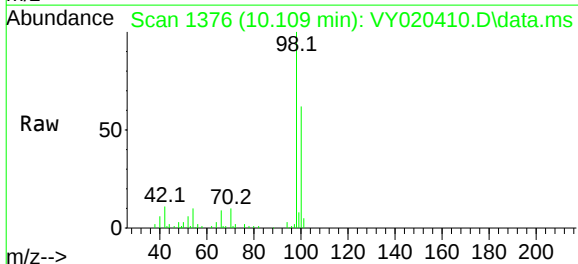
AU-05-112124

Tgt Ion: 98 Resp: 24057

Ion Ratio Lower Upper

98 100

100 66.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.819 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

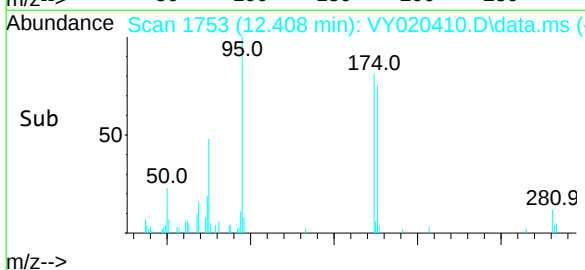
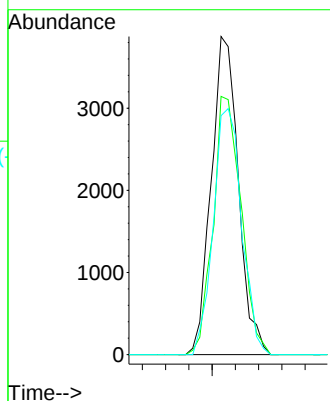
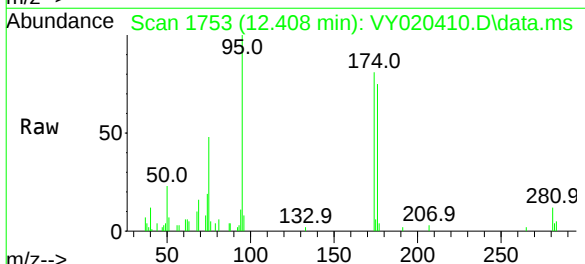
Tgt Ion: 95 Resp: 6280

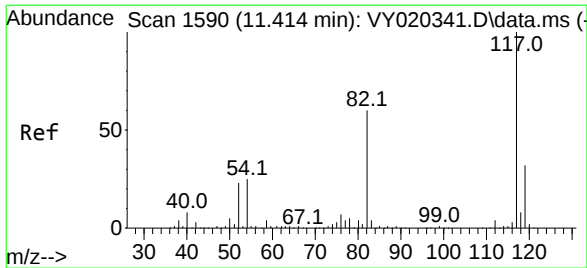
Ion Ratio Lower Upper

95 100

174 83.7 0.0 156.8

176 80.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

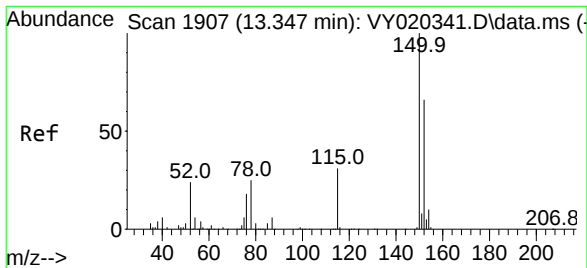
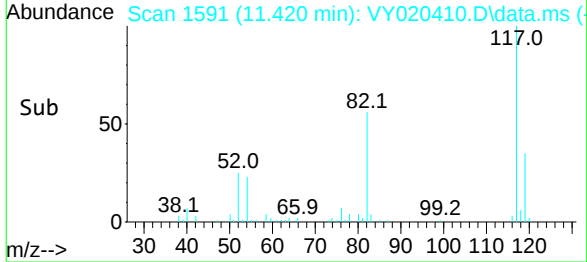
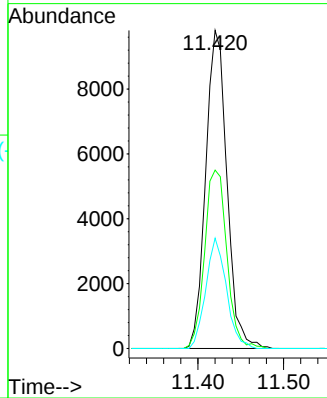
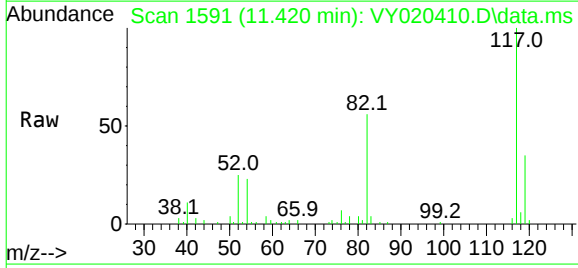
Instrument :

MSVOA_Y

ClientSampleId :

AU-05-112124

Tgt Ion:	117	Resp:	16871
Ion	Ratio	Lower	Upper
117	100		
82	56.1	48.2	72.4
119	34.7	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Tgt Ion:	152	Resp:	4473
Ion	Ratio	Lower	Upper
152	100		
115	65.9	30.0	90.0
150	158.3	0.0	348.2

