

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020409.D
 Acq On : 22 Nov 2024 13:39
 Operator : SY/MD
 Sample : P4948-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 337

Quant Time: Nov 23 00:00:06 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	144691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	276397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	259166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	100534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90740	54.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.180%
35) Dibromofluoromethane	7.640	113	89062	50.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.109	98	334819	47.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.407	95	111096	49.500	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.000%

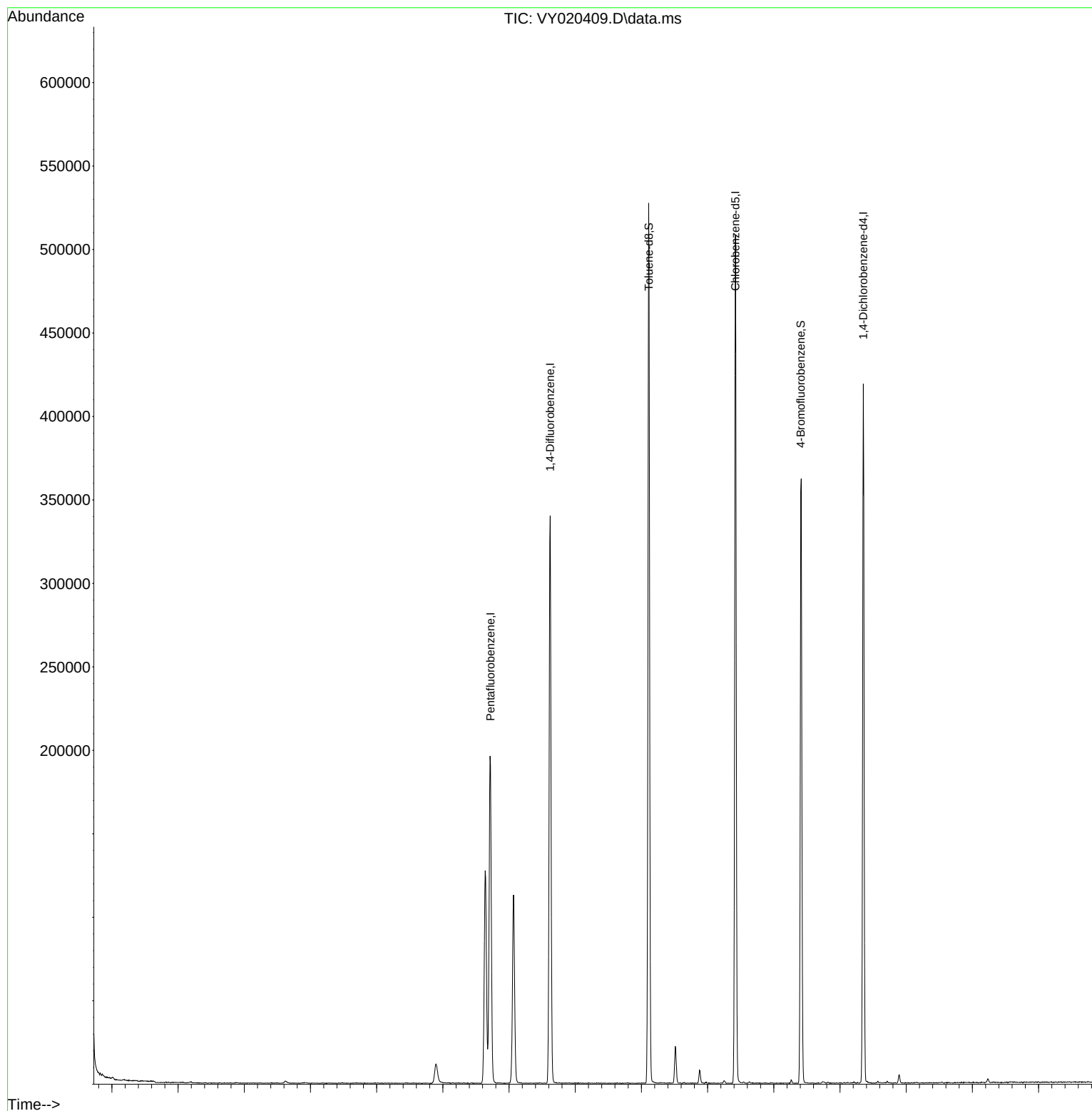
Target Compounds	Qvalue

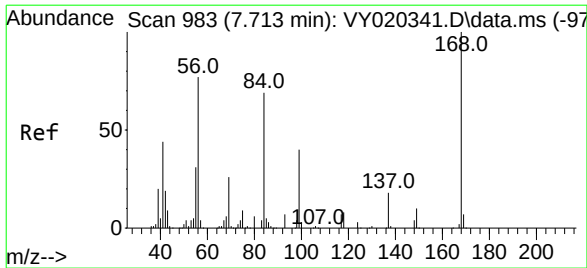
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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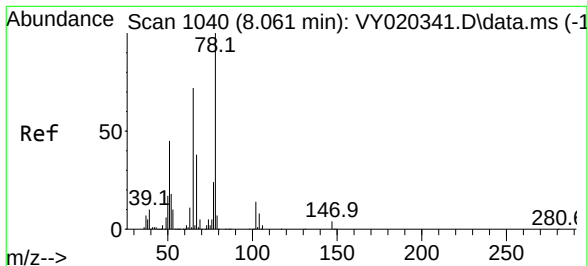
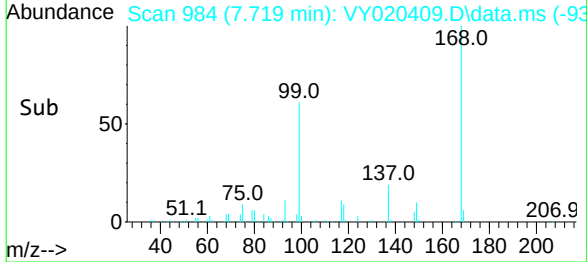
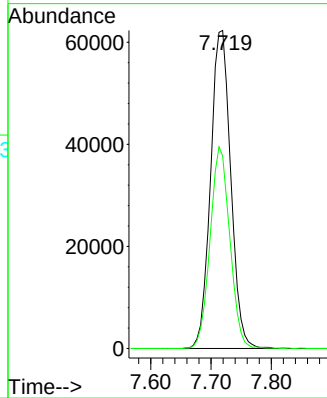
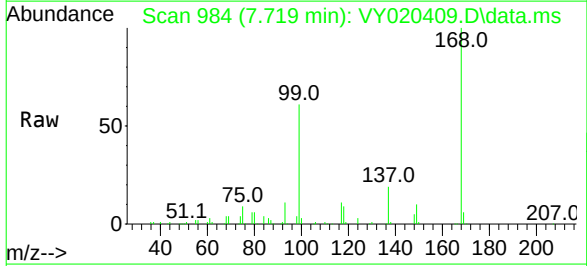




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

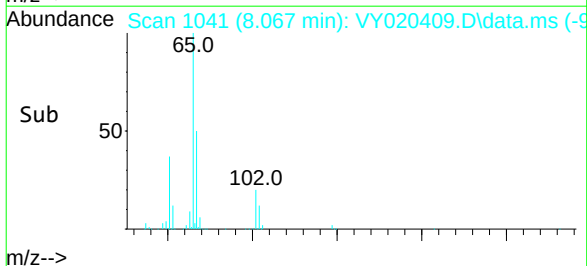
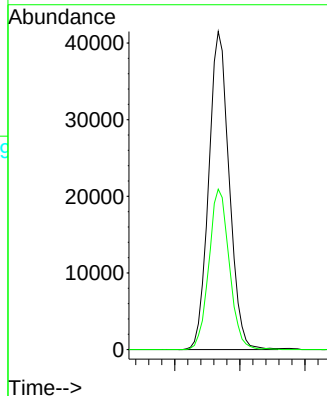
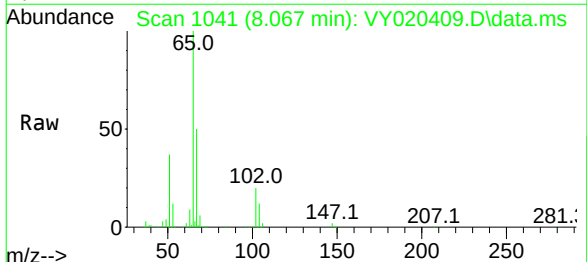
Instrument :
MSVOA_Y
ClientSampleId :
337

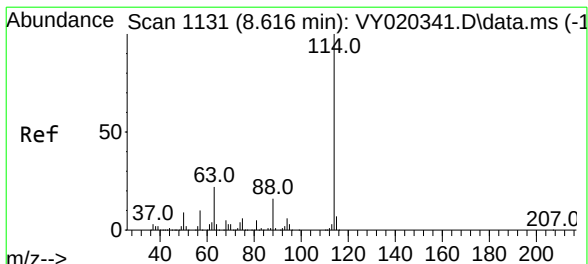
Tgt Ion:168 Resp: 144691
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.586 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Tgt Ion: 65 Resp: 90740
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.8

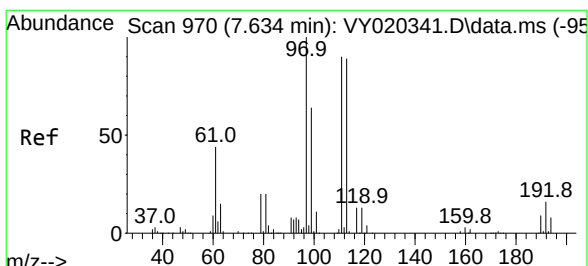
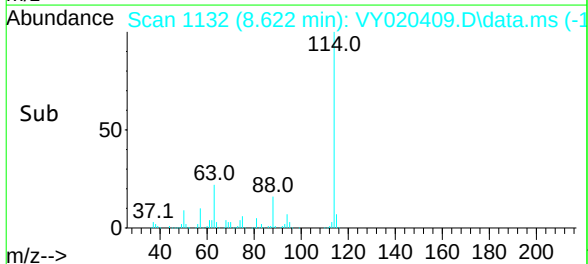
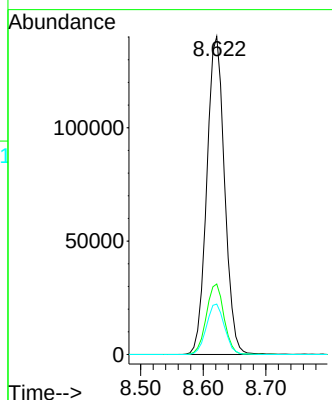
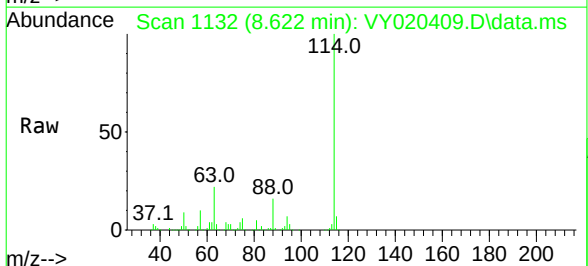




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY020409.D
 Acq: 22 Nov 2024 13:39

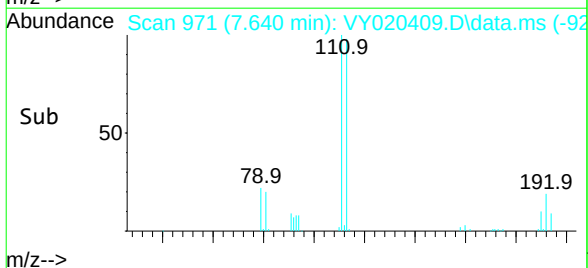
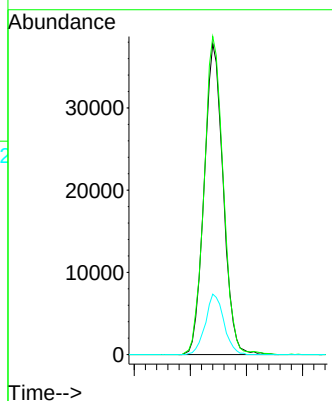
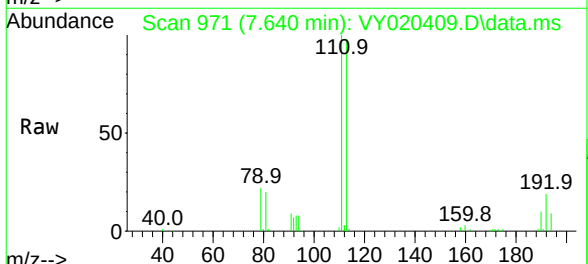
Instrument :
 MSVOA_Y
 ClientSampleId :
 337

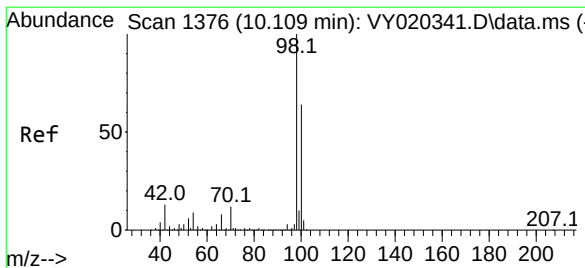
Tgt Ion:	114	Resp:	276397
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.8
88	15.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.251 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020409.D
 Acq: 22 Nov 2024 13:39

Tgt Ion:	113	Resp:	89062
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 47.957 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

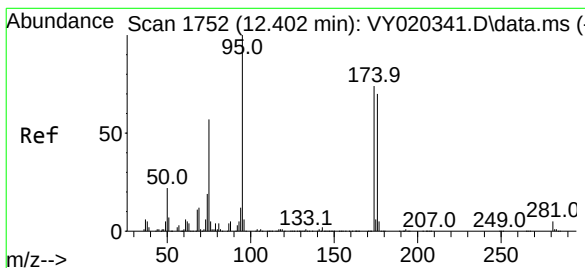
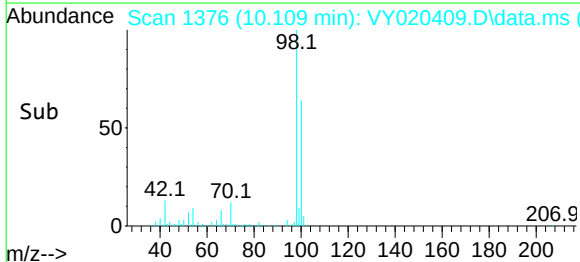
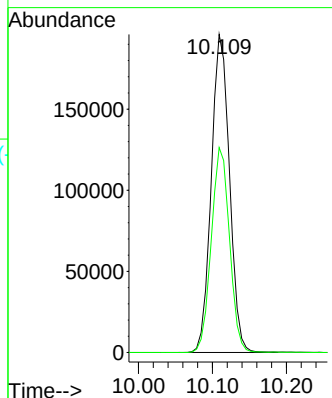
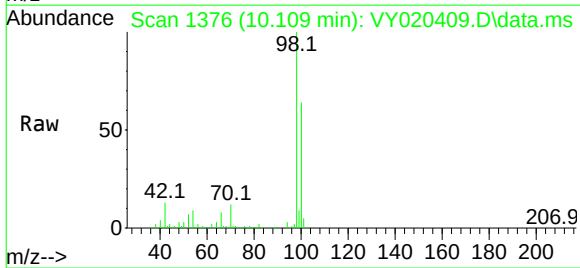
337

Tgt Ion: 98 Resp: 334819

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 49.500 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

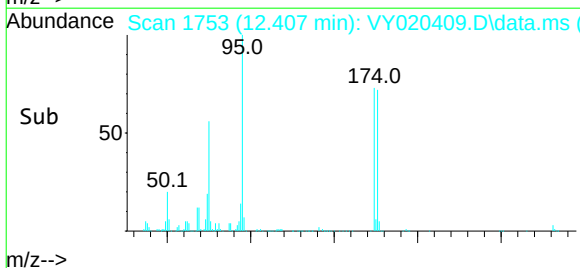
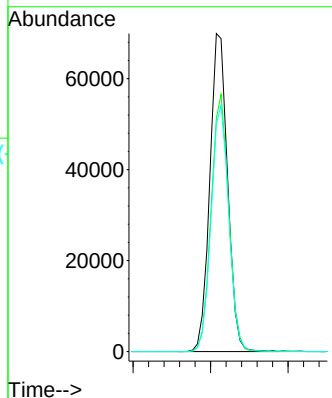
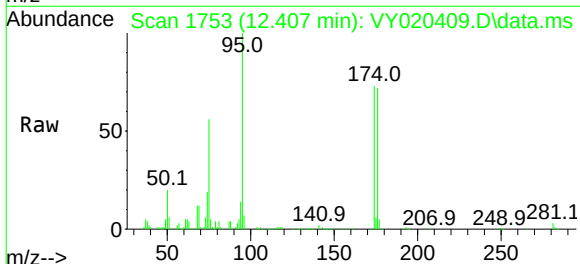
Tgt Ion: 95 Resp: 111096

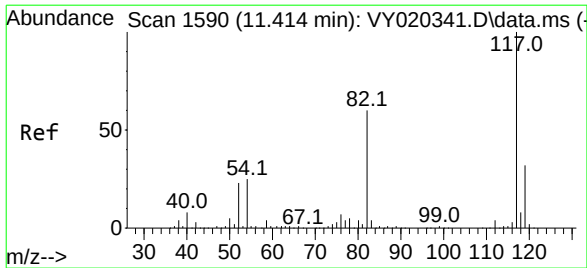
Ion Ratio Lower Upper

95 100

174 80.1 0.0 156.8

176 76.9 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: VY020409.D

Acq: 22 Nov 2024 13:39

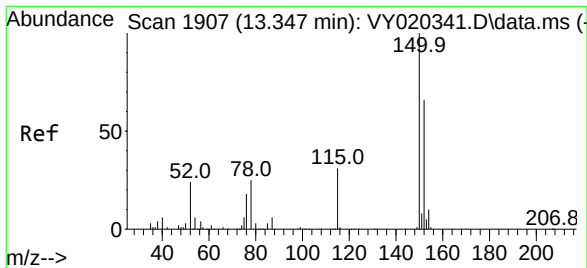
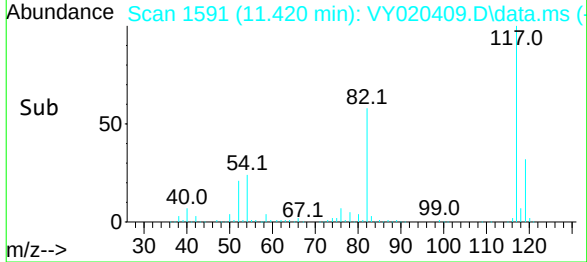
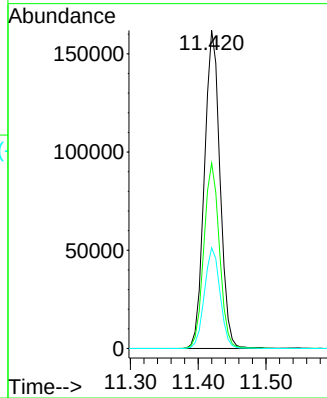
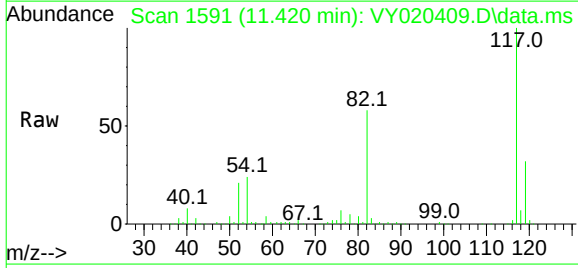
Instrument :

MSVOA_Y

ClientSampleId :

337

Tgt Ion:	117	Resp:	259166
Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.2	72.4
119	31.6	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: VY020409.D

Acq: 22 Nov 2024 13:39

Tgt Ion:	152	Resp:	100534
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	157.2	0.0	348.2

