

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020725.D
 Acq On : 26 Dec 2024 18:25
 Operator : SY/MD
 Sample : P5342-05RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21198RE

Quant Time: Dec 27 00:36:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	10968	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.622	114	13469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	7983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	1663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3479	38.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.460%
35) Dibromofluoromethane	7.640	113	3862	52.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.109	98	14167	48.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.408	95	3297	33.440	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.880%

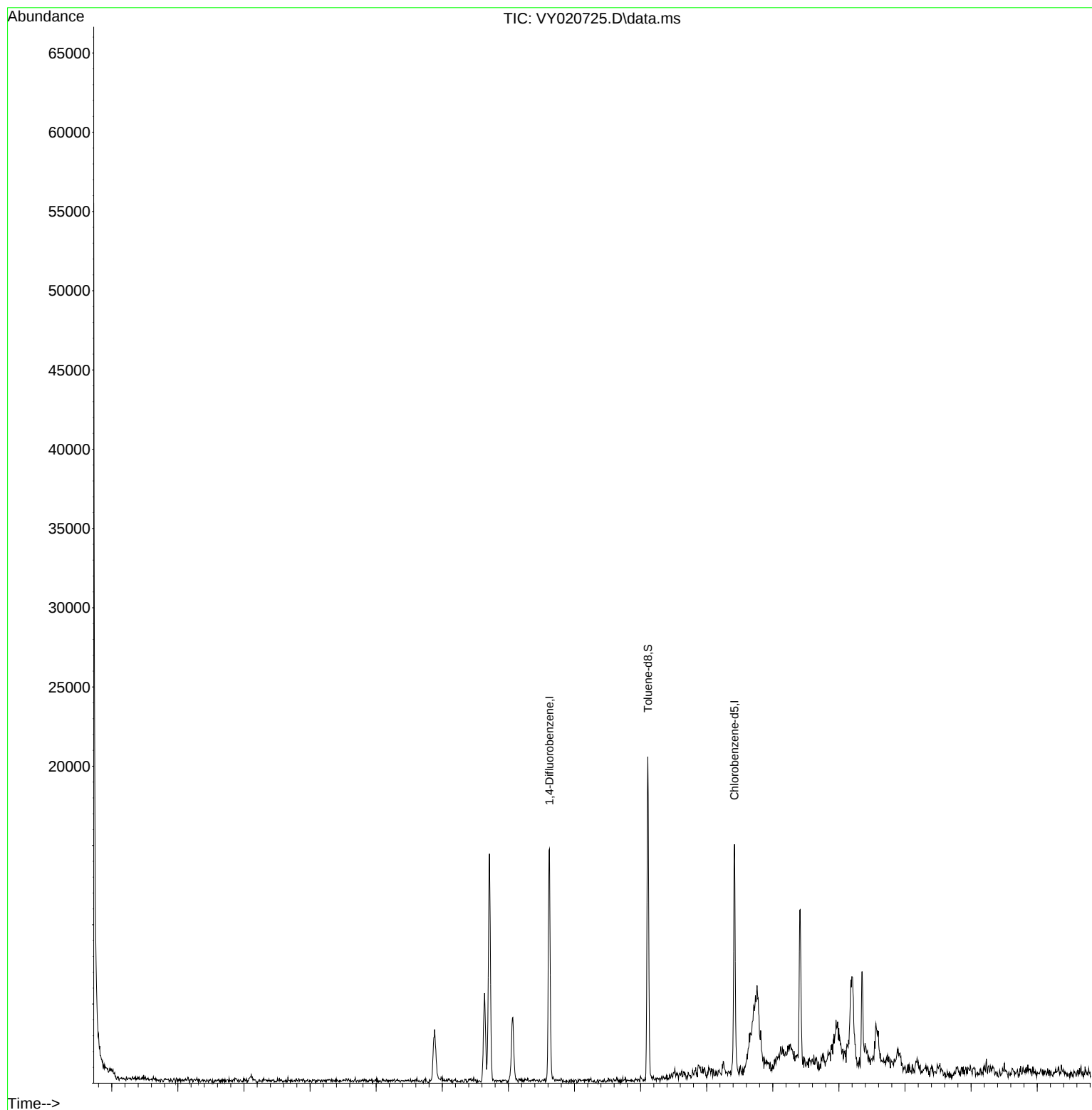
Target Compounds Qvalue

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

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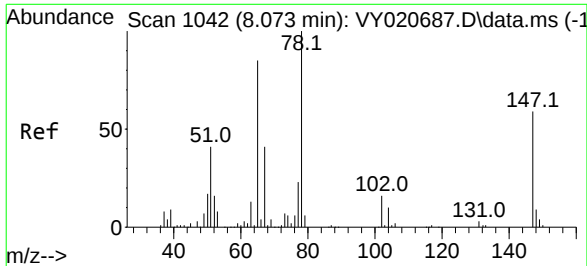
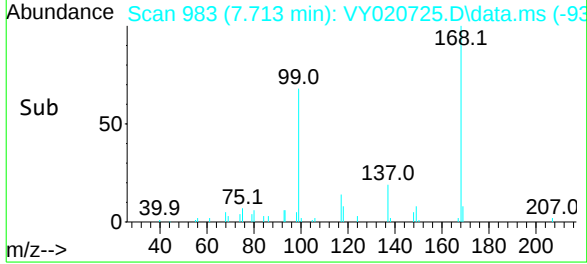
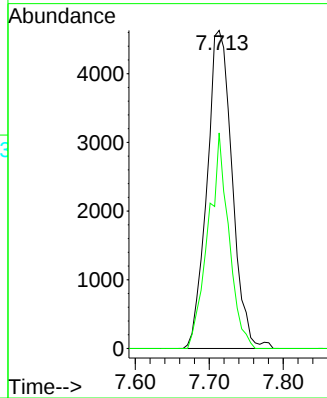
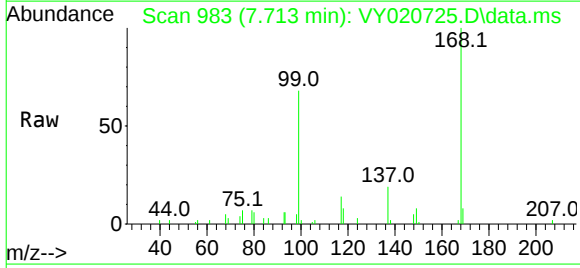




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020725.D
Acq: 26 Dec 2024 18:25

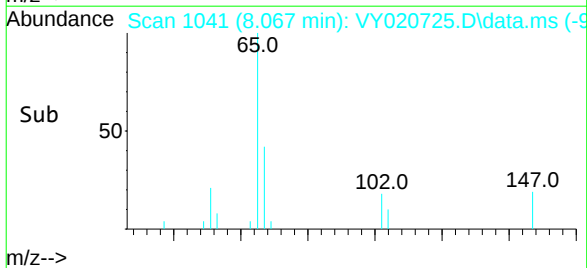
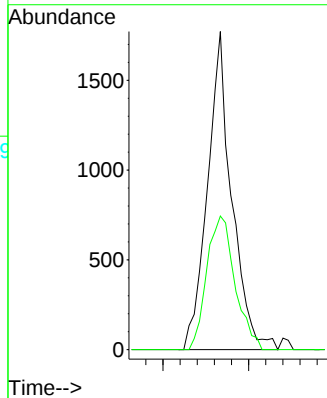
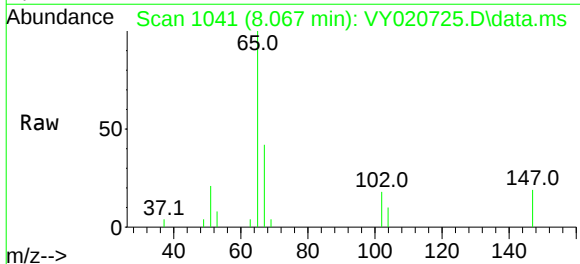
Instrument :
MSVOA_Y
ClientSampleId :
RB21198RE

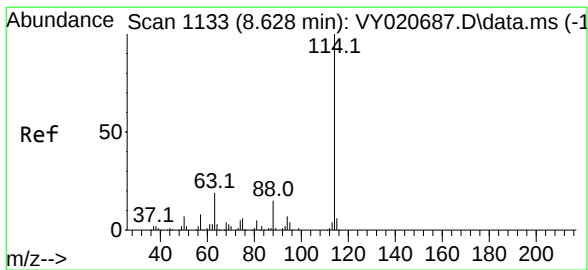
Tgt Ion:168 Resp: 10968
Ion Ratio Lower Upper
168 100
99 67.8 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 38.725 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020725.D
Acq: 26 Dec 2024 18:25

Tgt Ion: 65 Resp: 3479
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

Instrument :

MSVOA_Y

ClientSampleId :

RB21198RE

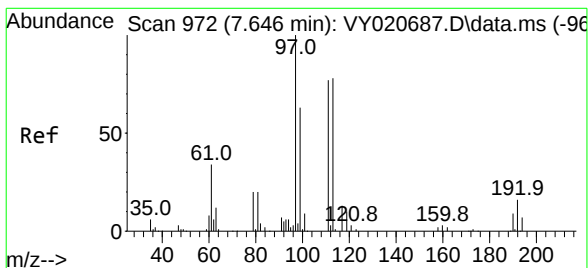
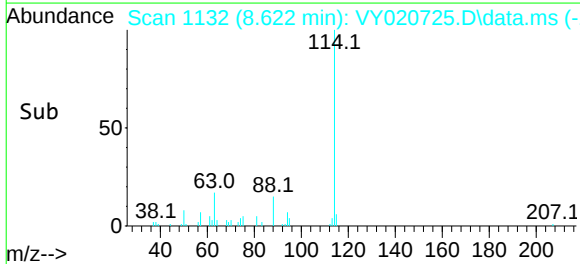
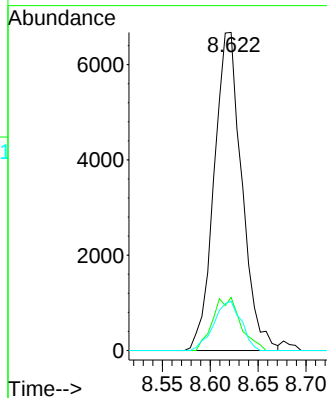
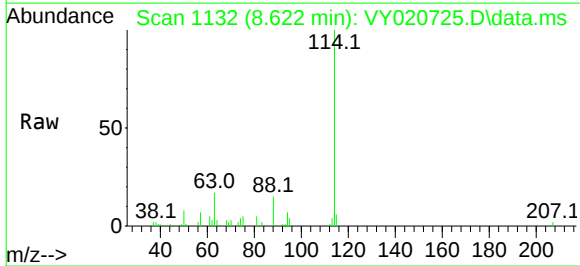
Tgt Ion:114 Resp: 13469

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.4

88 15.5 0.0 30.4



#35

Dibromofluoromethane

Concen: 52.056 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

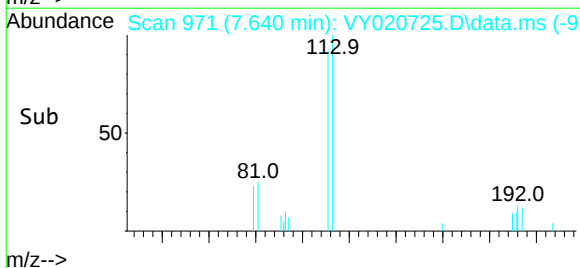
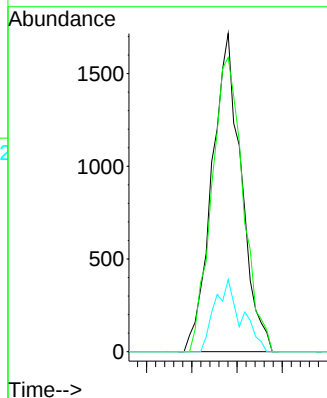
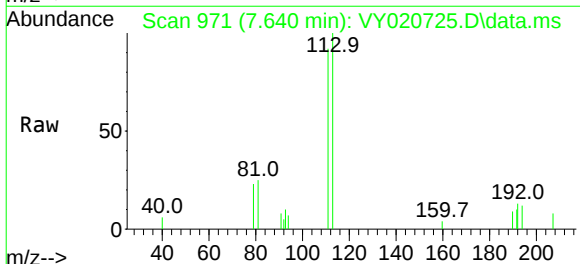
Tgt Ion:113 Resp: 3862

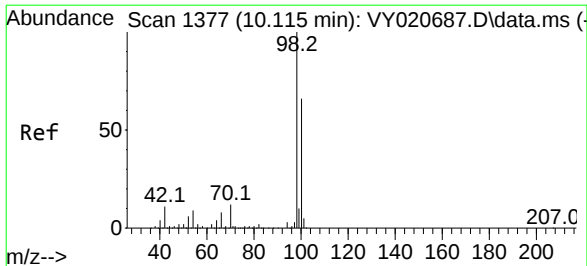
Ion Ratio Lower Upper

113 100

111 98.9 79.8 119.8

192 20.6 17.0 25.6





#50

Toluene-d8

Concen: 48.088 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

Instrument :

MSVOA_Y

ClientSampleId :

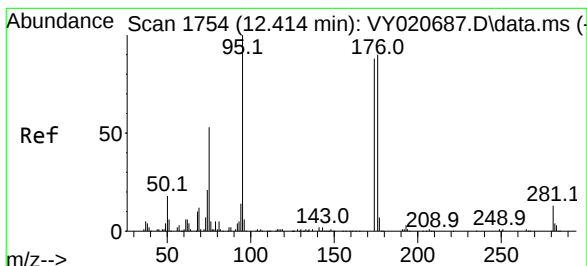
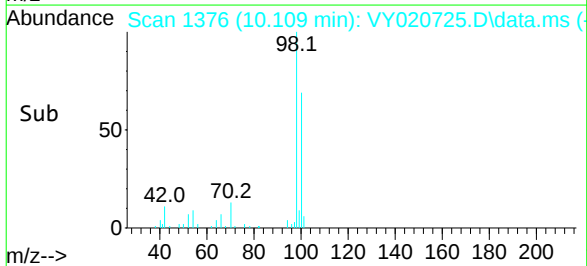
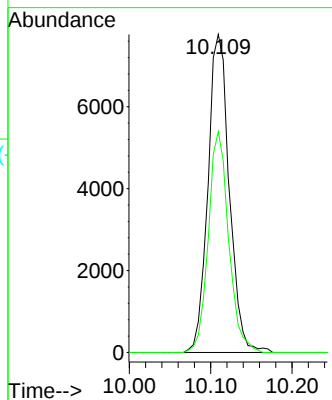
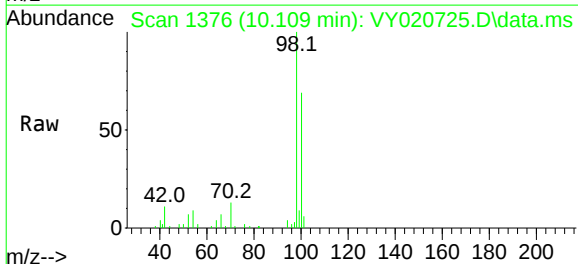
RB21198RE

Tgt Ion: 98 Resp: 14167

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 33.440 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

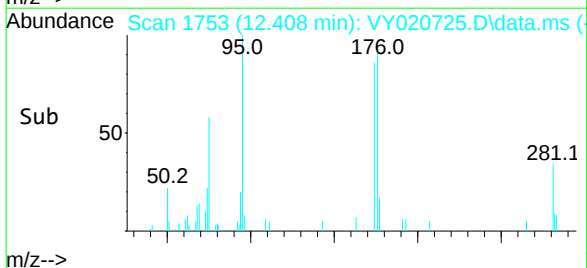
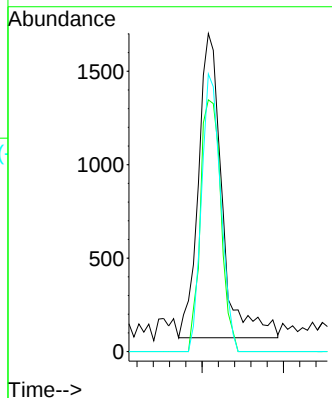
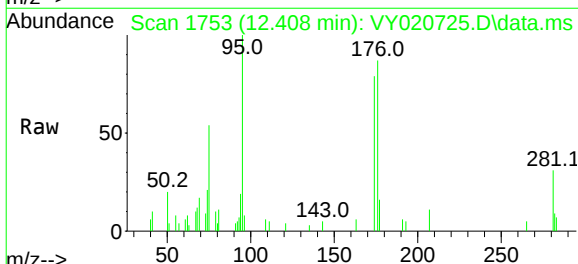
Tgt Ion: 95 Resp: 3297

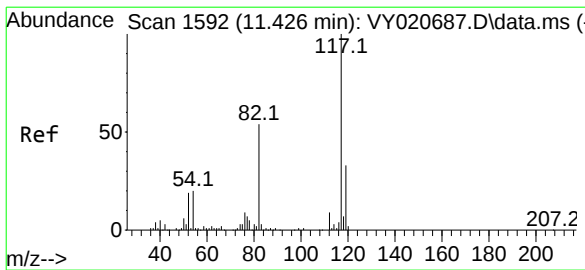
Ion Ratio Lower Upper

95 100

174 72.0 0.0 179.2

176 73.6 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

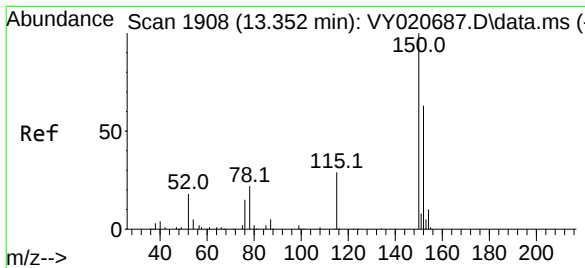
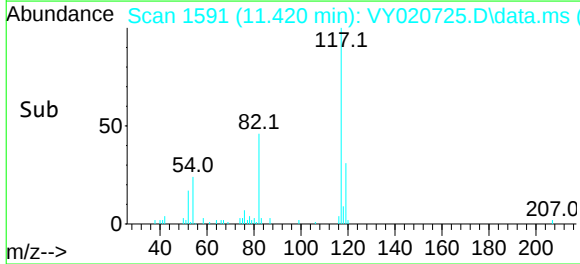
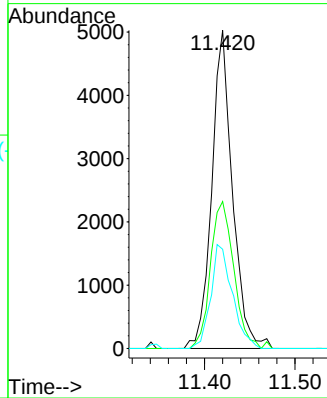
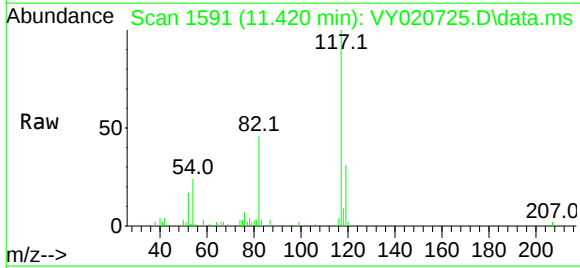
Instrument :

MSVOA_Y

ClientSampleId :

RB21198RE

Tgt Ion:	117	Resp:	7983
Ion	Ratio	Lower	Upper
117	100		
82	46.2	43.4	65.2
119	31.2	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.005 min

Lab File: VY020725.D

Acq: 26 Dec 2024 18:25

Tgt Ion:	152	Resp:	1663
Ion	Ratio	Lower	Upper
152	100		
115	64.4	30.3	90.9
150	169.2	0.0	349.0

