

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020585.D
 Acq On : 11 Dec 2024 14:00
 Operator : SY/MD
 Sample : P5223-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-120924

Quant Time: Dec 11 22:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	12040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	16395	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	10045	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	1924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4501	36.758	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.520%
35) Dibromofluoromethane	7.628	113	5040	48.830	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.103	98	17896	45.534	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.401	95	3071	22.341	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	44.680%

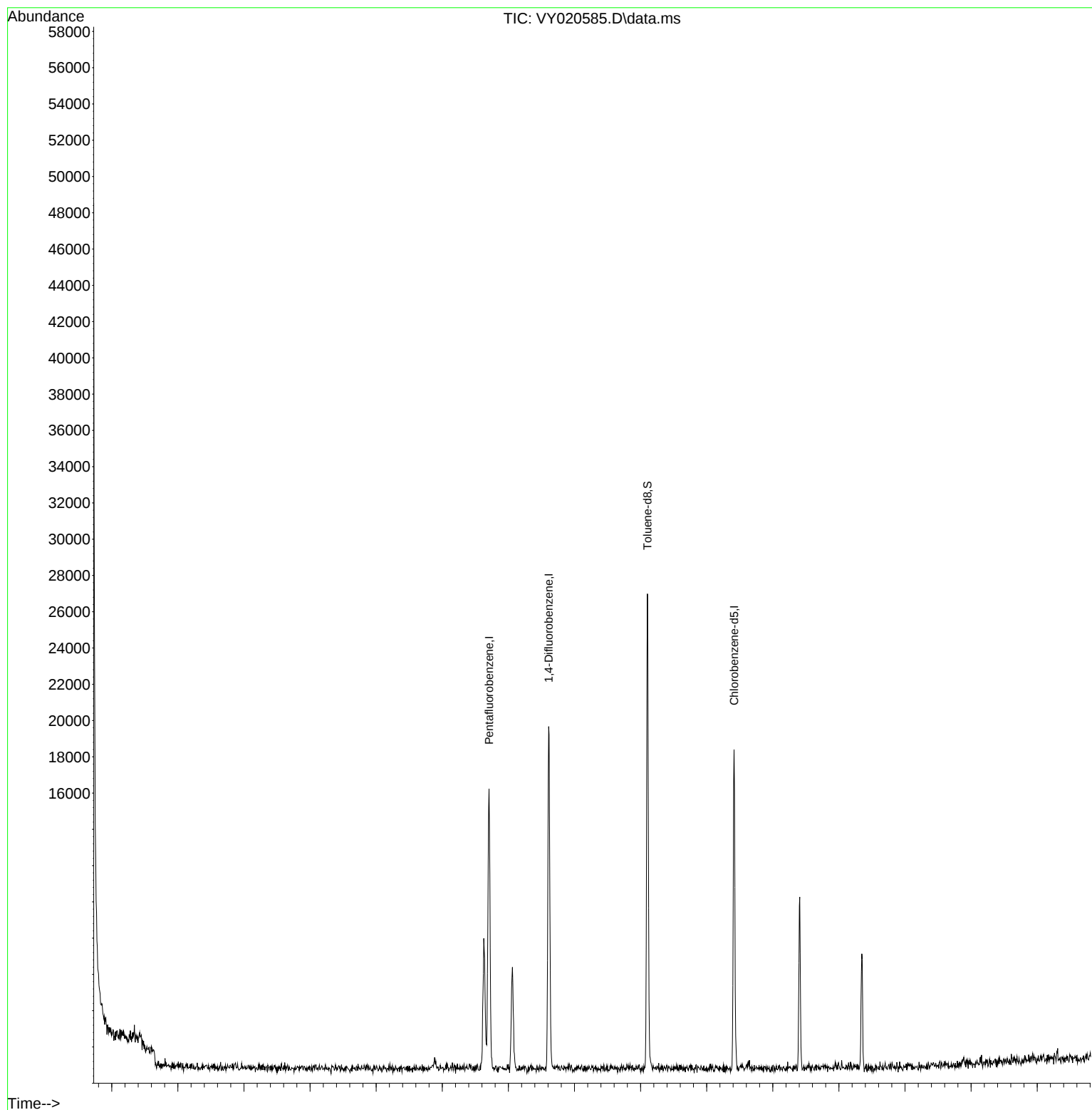
Target Compounds	Qvalue

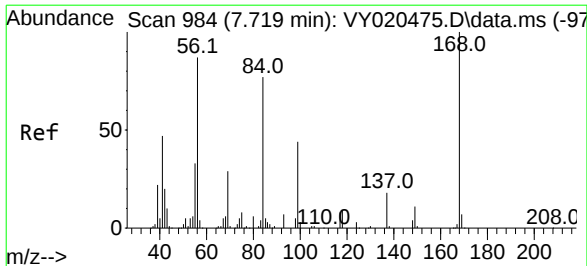
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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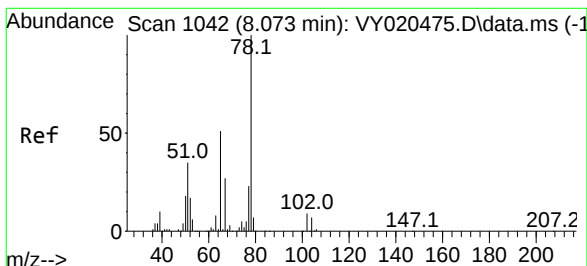
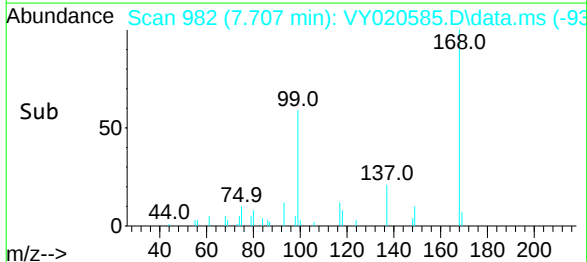
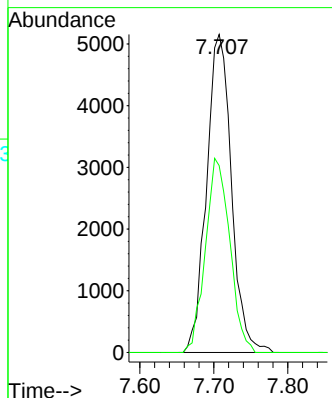
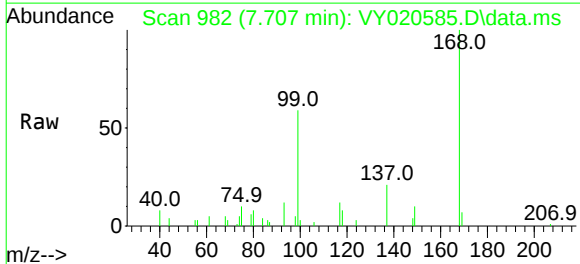




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00

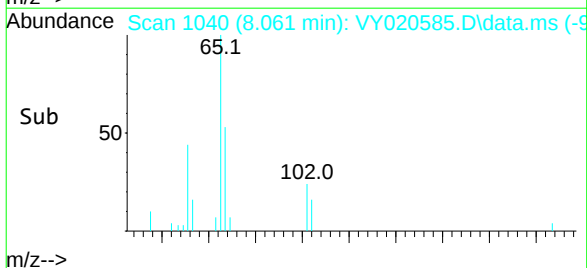
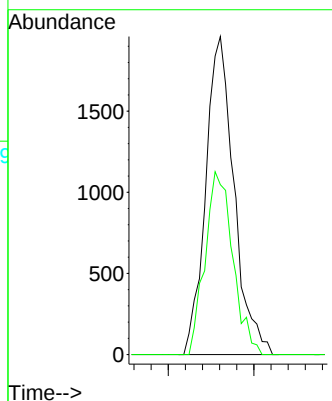
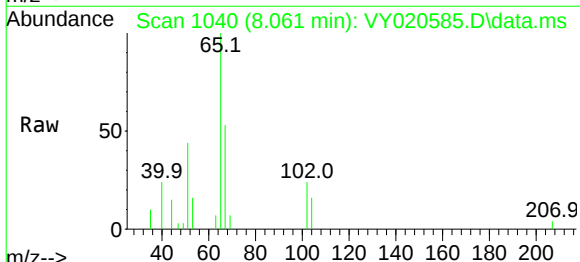
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-120924

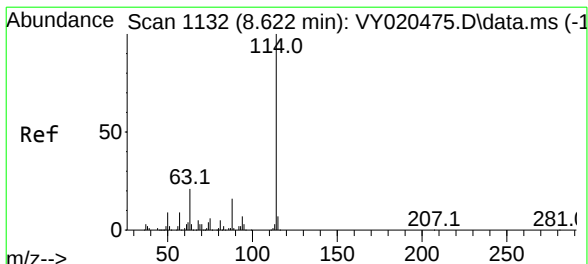
Tgt Ion:168 Resp: 12040
Ion Ratio Lower Upper
168 100
99 58.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 36.758 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00

Tgt Ion: 65 Resp: 4501
Ion Ratio Lower Upper
65 100
67 56.1 0.0 105.8

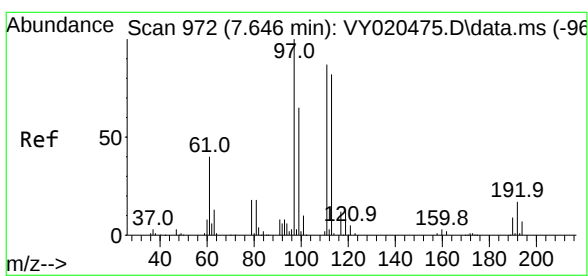
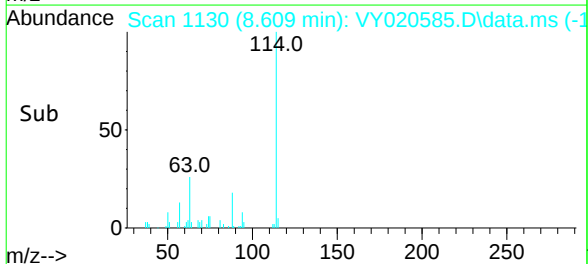
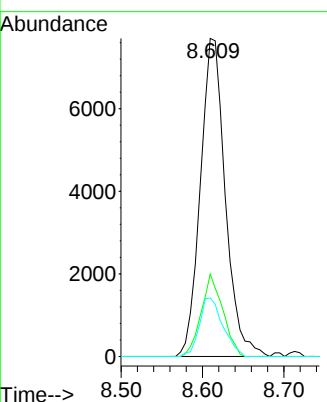
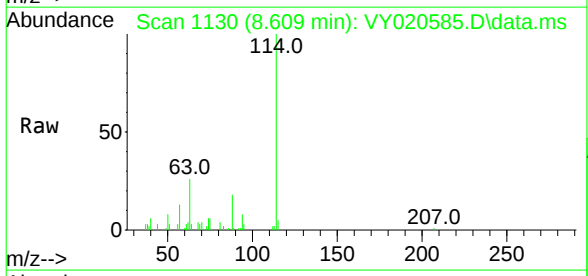




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020585.D
 Acq: 11 Dec 2024 14:00

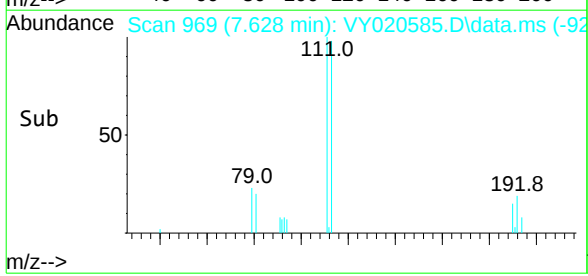
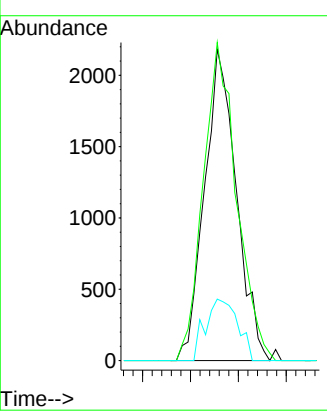
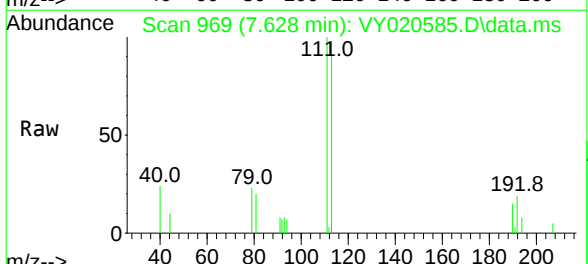
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-120924

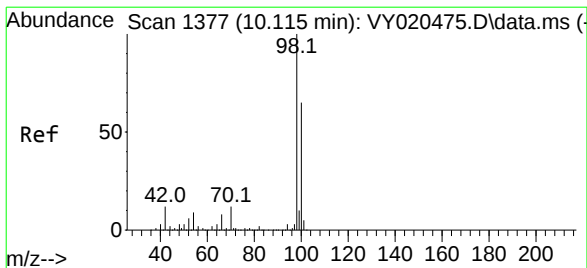
Tgt Ion:	114	Resp:	16395
Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	44.8
88	18.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.830 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.018 min
 Lab File: VY020585.D
 Acq: 11 Dec 2024 14:00

Tgt Ion:	113	Resp:	5040
Ion	Ratio	Lower	Upper
113	100		
111	107.1	81.4	122.0
192	19.9	15.1	22.7





#50

Toluene-d8

Concen: 45.534 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :

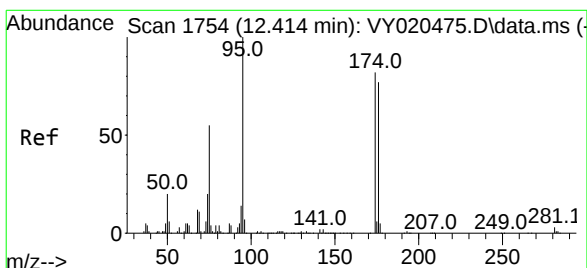
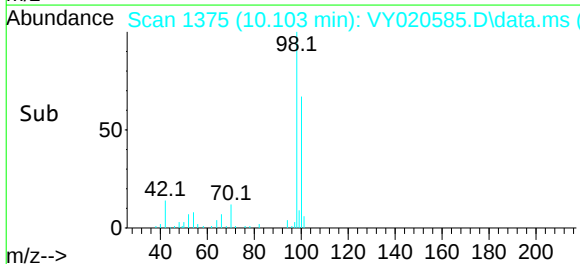
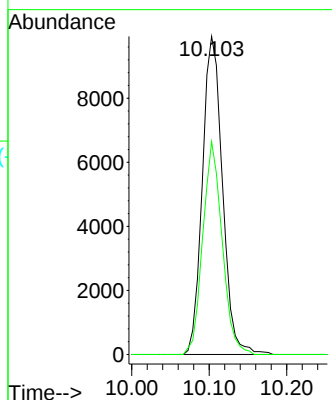
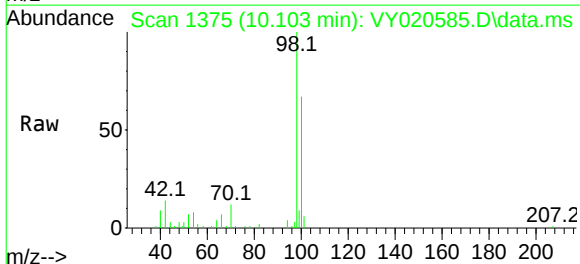
TR-05-120924

Tgt Ion: 98 Resp: 17896

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 22.341 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

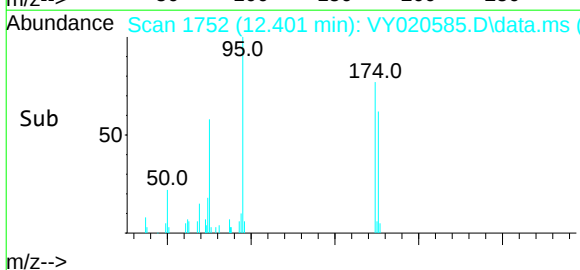
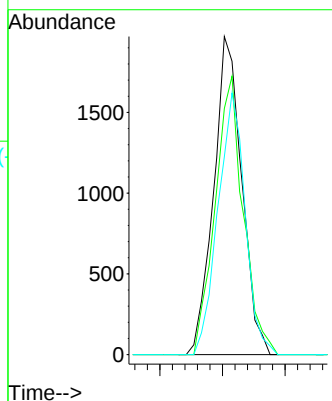
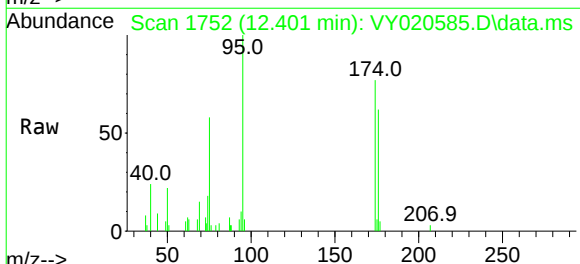
Tgt Ion: 95 Resp: 3071

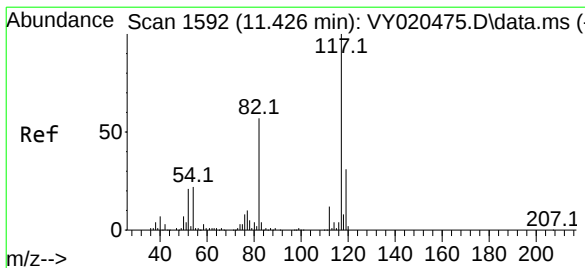
Ion Ratio Lower Upper

95 100

174 87.4 0.0 156.8

176 79.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

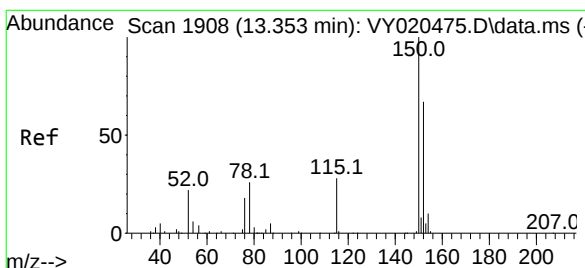
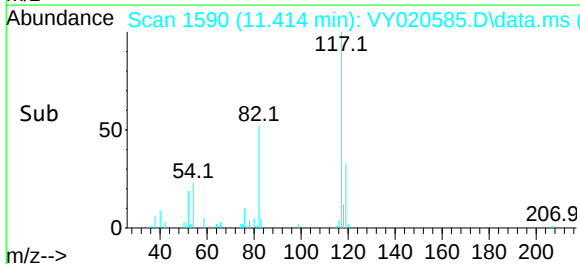
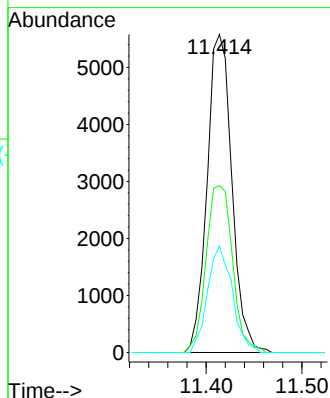
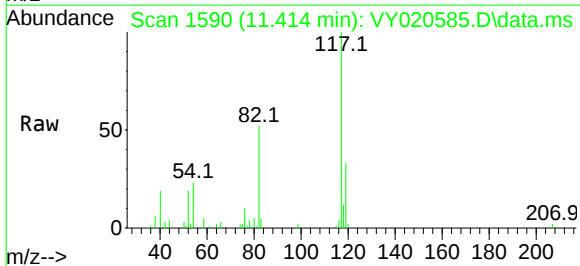
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-120924

Tgt Ion:117	Resp:	10045
Ion Ratio	Lower	Upper
117	100	
82	52.5	48.2 72.4
119	33.4	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Tgt Ion:152	Resp:	1924
Ion Ratio	Lower	Upper
152	100	
115	60.1	30.0 90.0
150	158.1	0.0 348.2

