

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020552.D
 Acq On : 09 Dec 2024 13:47
 Operator : SY/MD
 Sample : P5175-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-12062024

Quant Time: Dec 10 04:00:34 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	7872	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	11709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8231	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	2186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3519	43.955	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.900%
35) Dibromofluoromethane	7.628	113	3293	44.673	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.340%
50) Toluene-d8	10.103	98	13436	47.868	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.408	95	2614	26.627	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	53.260%

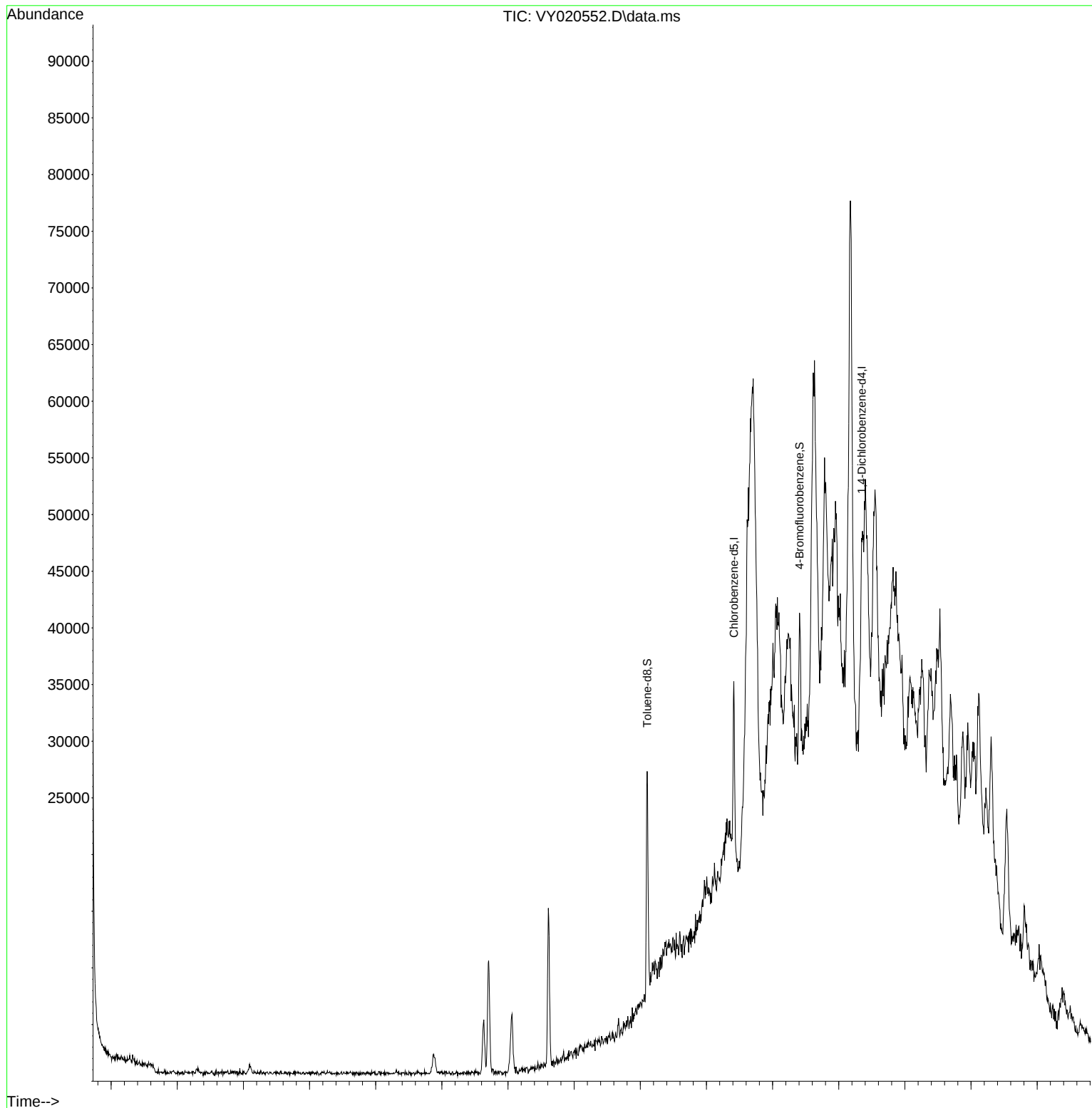
Target Compounds	Qvalue

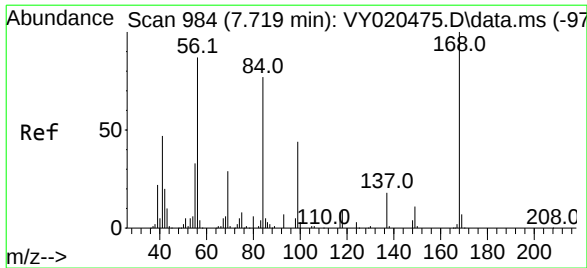
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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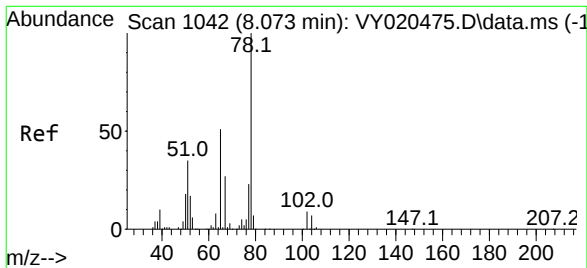
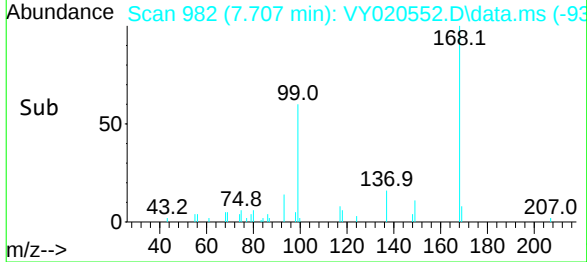
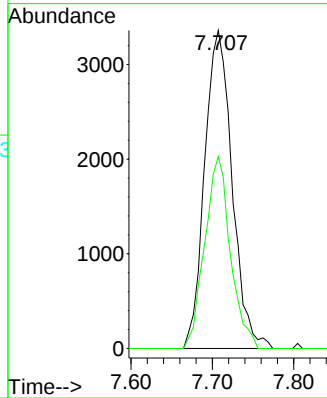
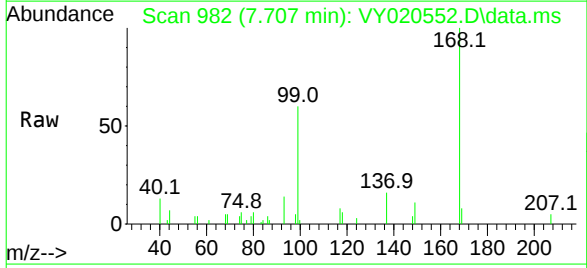




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

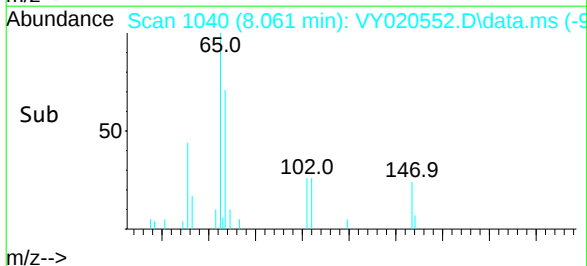
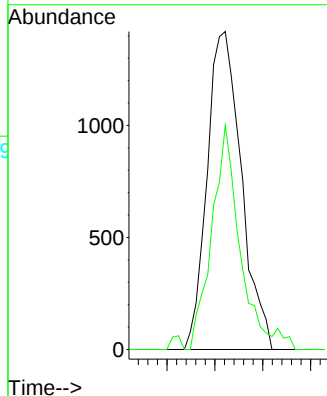
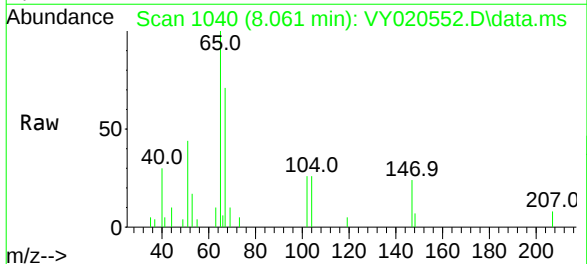
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

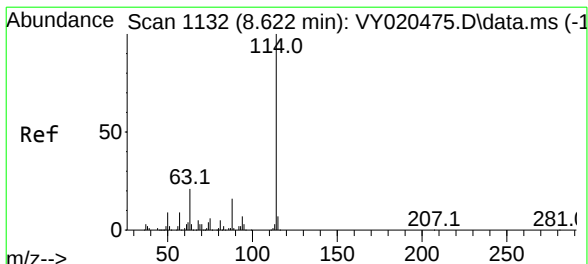
Tgt Ion:168 Resp: 7872
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.955 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

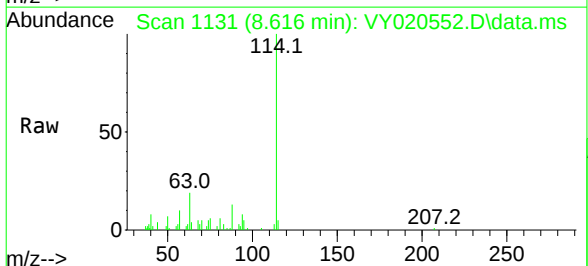
Tgt Ion: 65 Resp: 3519
Ion Ratio Lower Upper
65 100
67 56.7 0.0 105.8



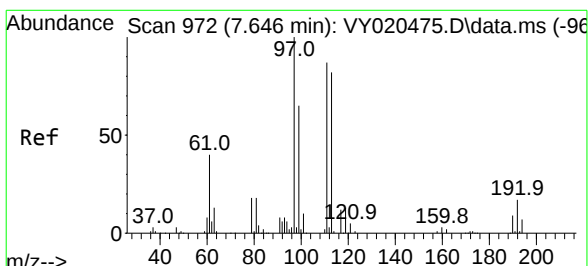
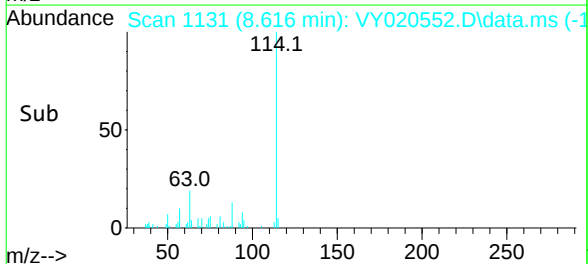
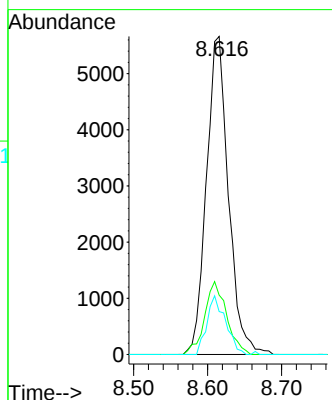


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020552.D
 Acq: 09 Dec 2024 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-12062024

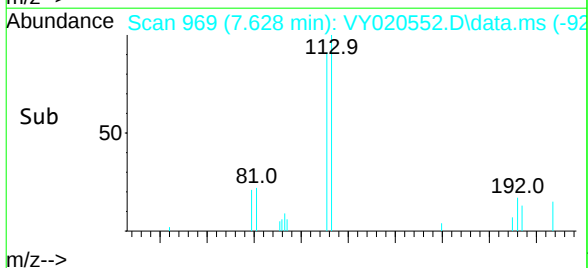
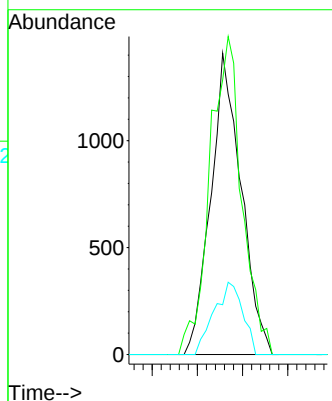
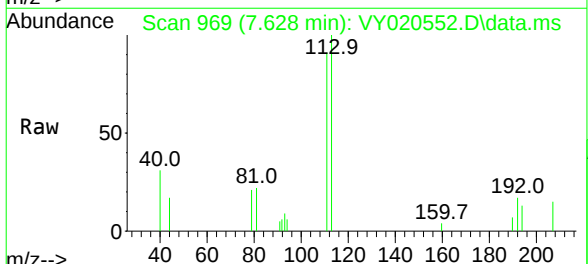


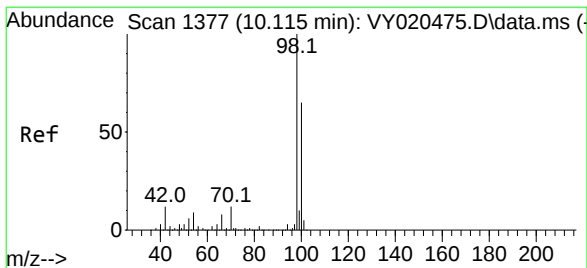
Tgt Ion:	114	Resp:	11709
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	44.8
88	13.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 44.673 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.018 min
 Lab File: VY020552.D
 Acq: 09 Dec 2024 13:47

Tgt Ion:	113	Resp:	3293
Ion	Ratio	Lower	Upper
113	100		
111	111.3	81.4	122.0
192	22.6	15.1	22.7





#50

Toluene-d8

Concen: 47.868 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

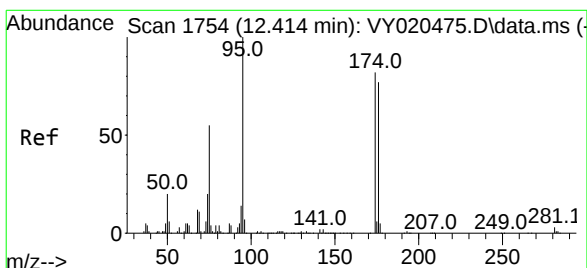
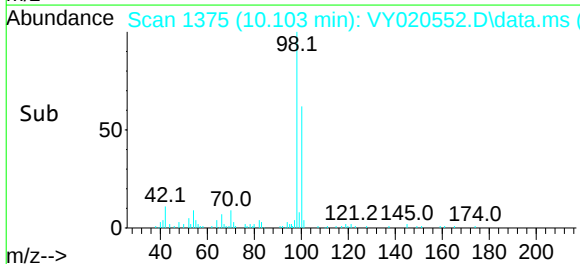
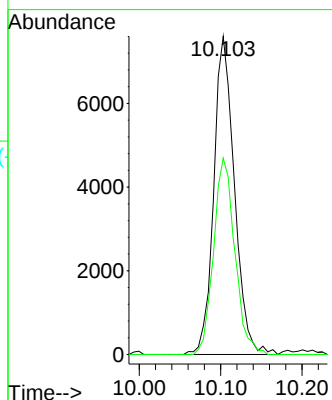
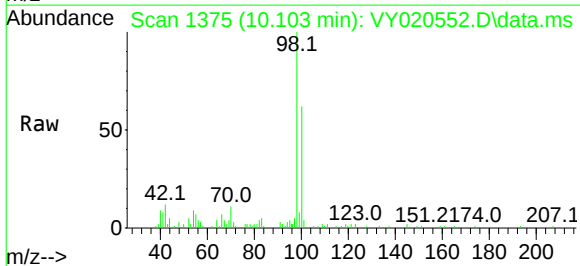
OK-01-12062024

Tgt Ion: 98 Resp: 13436

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 26.627 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

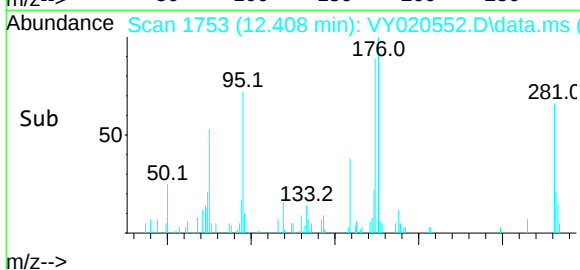
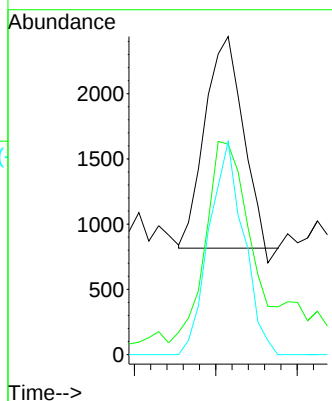
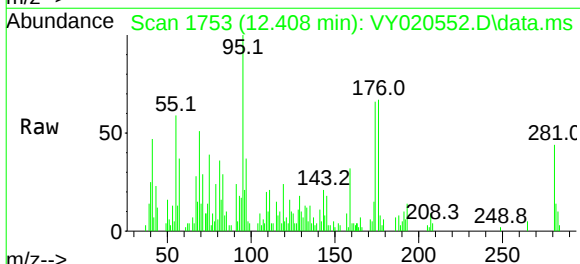
Tgt Ion: 95 Resp: 2614

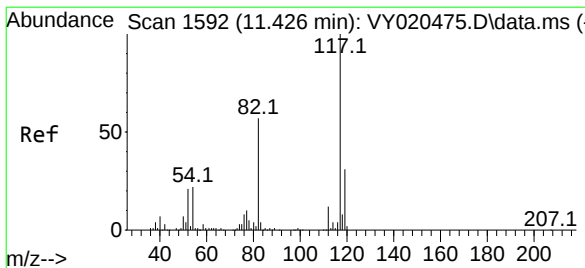
Ion Ratio Lower Upper

95 100

174 114.9 0.0 156.8

176 92.4 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: VY020552.D

Acq: 09 Dec 2024 13:47

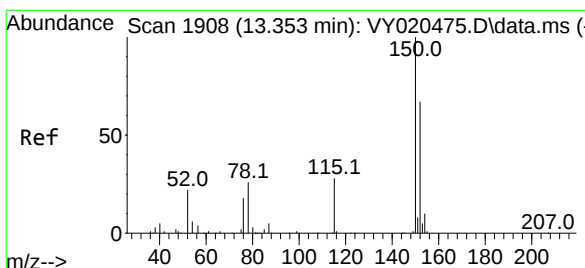
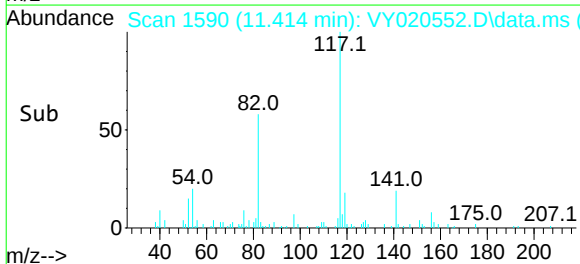
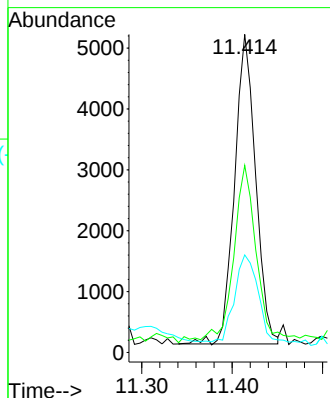
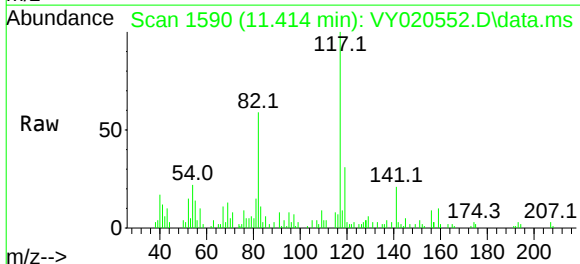
Instrument :

MSVOA_Y

ClientSampleId :

OK-01-12062024

Tgt Ion:	117	Resp:	8231
Ion	Ratio	Lower	Upper
117	100		
82	57.3	48.2	72.4
119	27.4	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: VY020552.D

Acq: 09 Dec 2024 13:47

Tgt Ion:	152	Resp:	2186
Ion	Ratio	Lower	Upper
152	100		
115	73.2	30.0	90.0
150	157.5	0.0	348.2

