

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012420.D
 Acq On : 31 Jan 2023 15:11
 Operator : KP/MD
 Sample : 01355-02RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Feb 01 01:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

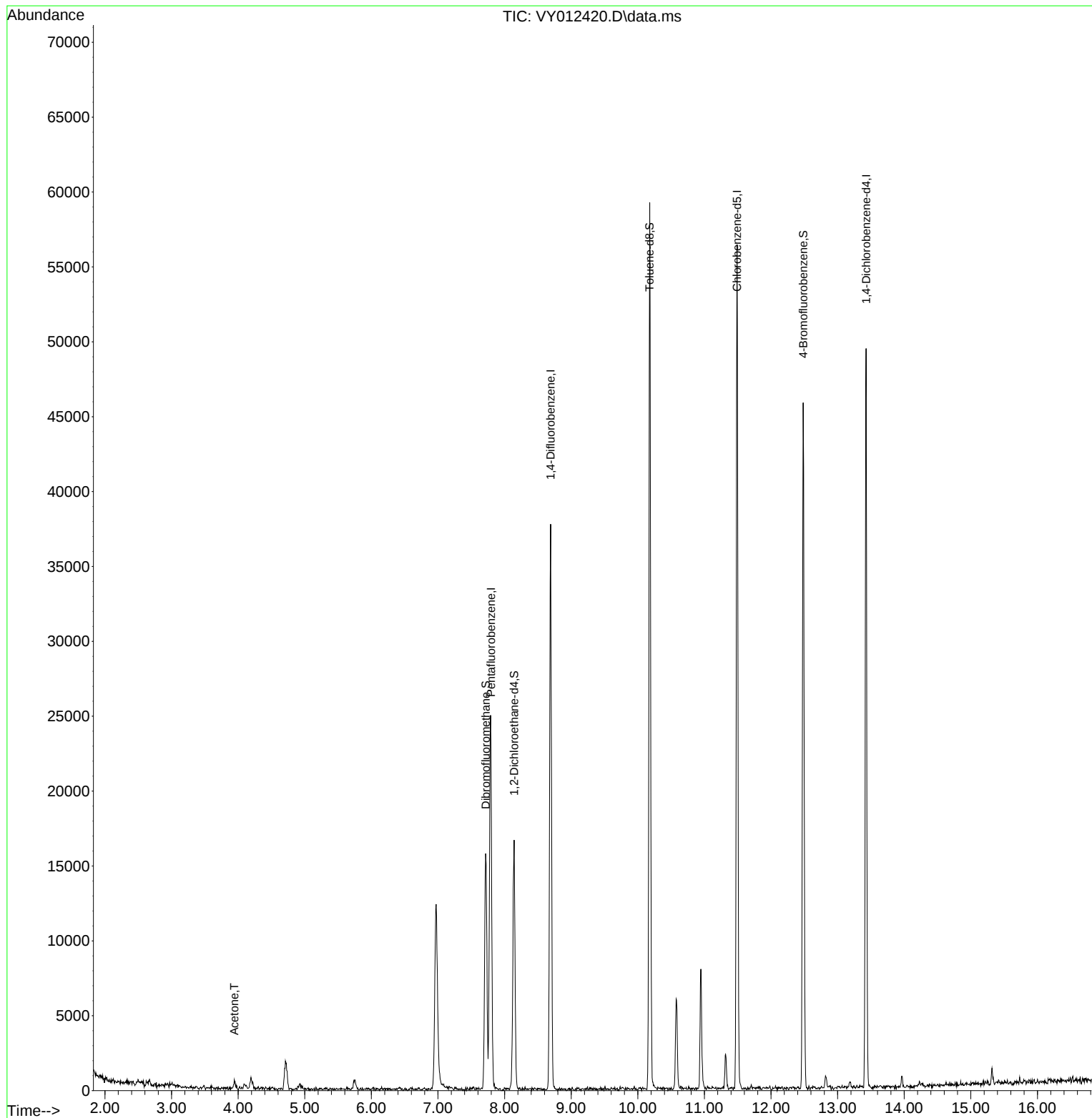
Internal Standards						
1) Pentafluorobenzene	7.795	168	20581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13728	83.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.140%#	
35) Dibromofluoromethane	7.716	113	10990	60.582	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.160%	
50) Toluene-d8	10.179	98	40865	66.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.880%	
62) 4-Bromofluorobenzene	12.483	95	12340	48.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.500%	
Target Compounds						
16) Acetone	3.942	43	757	13.209	ug/l	Qvalue 92

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

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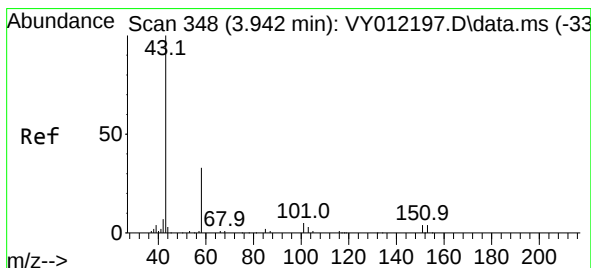
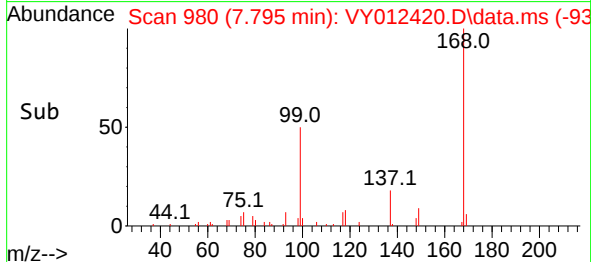
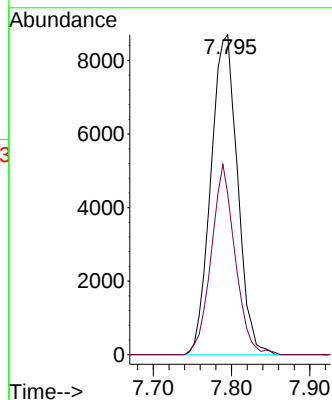
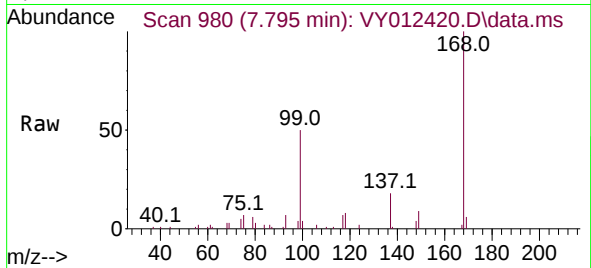




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012420.D
Acq: 31 Jan 2023 15:11

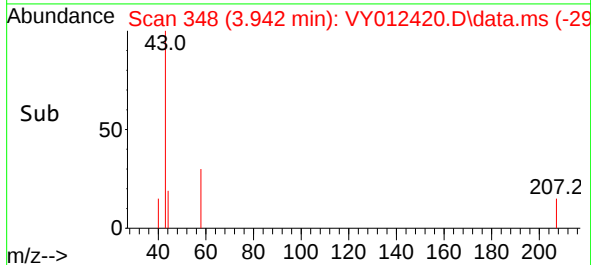
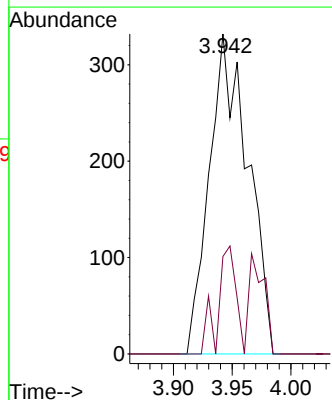
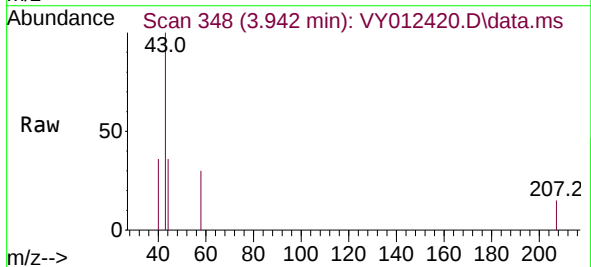
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

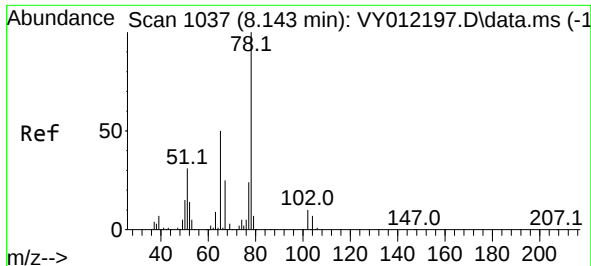
Tgt Ion:168 Resp: 20581
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#16
Acetone
Concen: 13.209 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012420.D
Acq: 31 Jan 2023 15:11

Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 30.4 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 83.073 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012420.D

Acq: 31 Jan 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

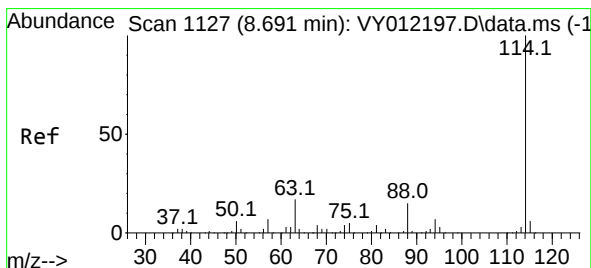
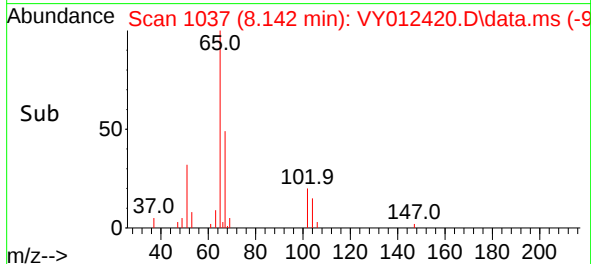
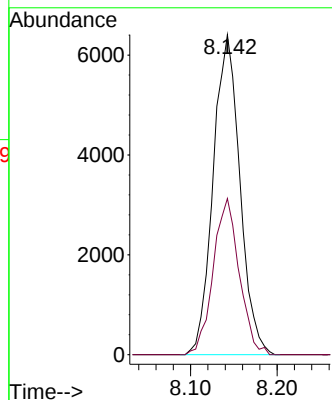
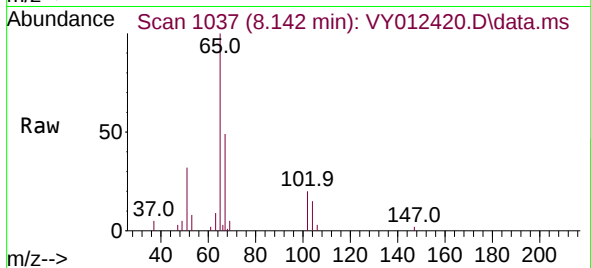
VOCRE

Tgt Ion: 65 Resp: 13728

Ion Ratio Lower Upper

65 100

67 47.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012420.D

Acq: 31 Jan 2023 15:11

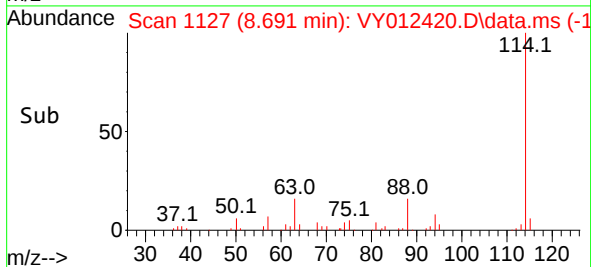
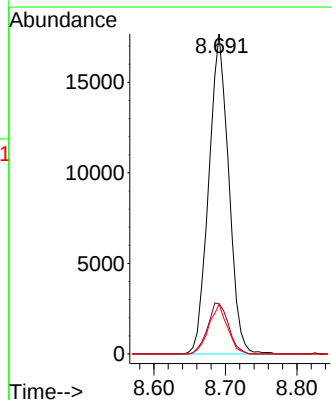
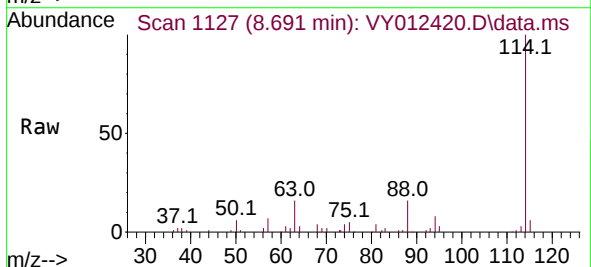
Tgt Ion: 114 Resp: 34260

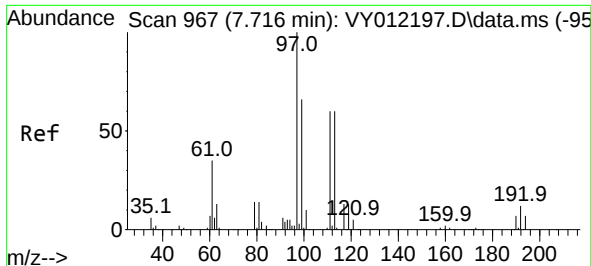
Ion Ratio Lower Upper

114 100

63 15.7 0.0 39.6

88 15.5 0.0 32.2

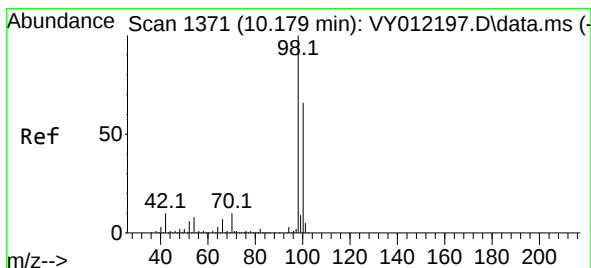
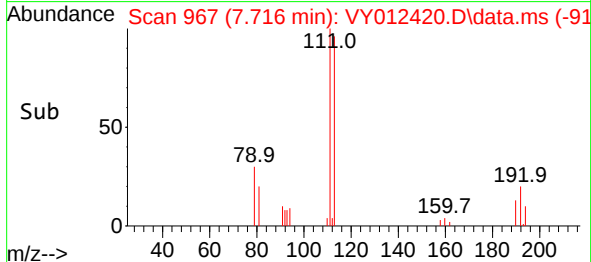
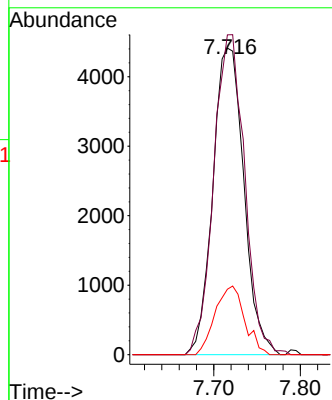
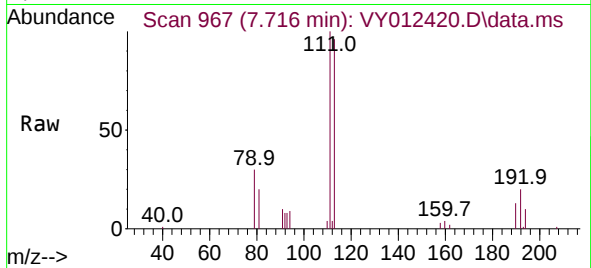




#35
Dibromofluoromethane
Concen: 60.582 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012420.D
Acq: 31 Jan 2023 15:11

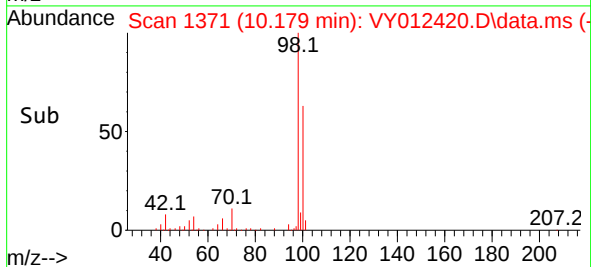
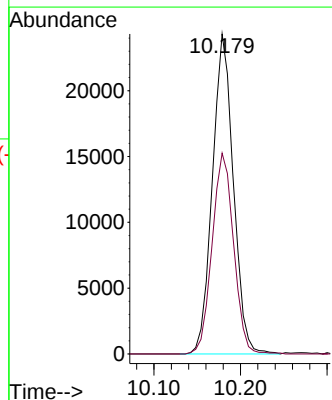
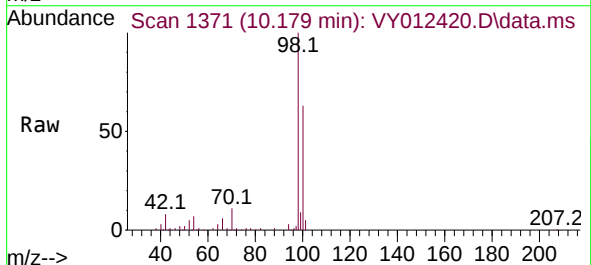
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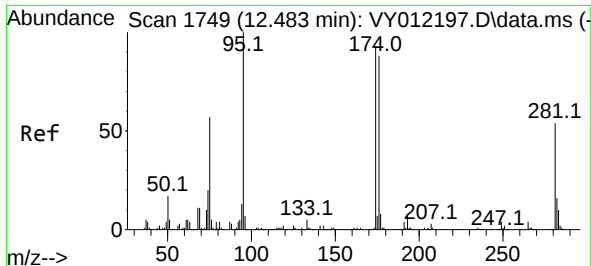
Tgt Ion:113 Resp: 10990
Ion Ratio Lower Upper
113 100
111 104.2 83.0 124.4
192 21.3 16.0 24.0



#50
Toluene-d8
Concen: 66.440 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012420.D
Acq: 31 Jan 2023 15:11

Tgt Ion: 98 Resp: 40865
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012420.D

Acq: 31 Jan 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

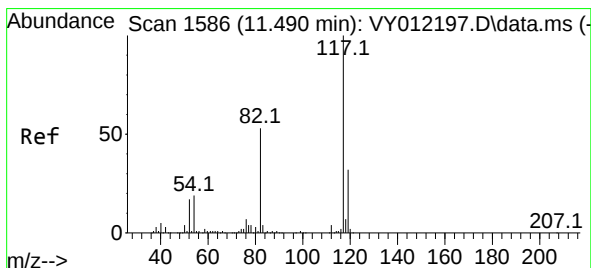
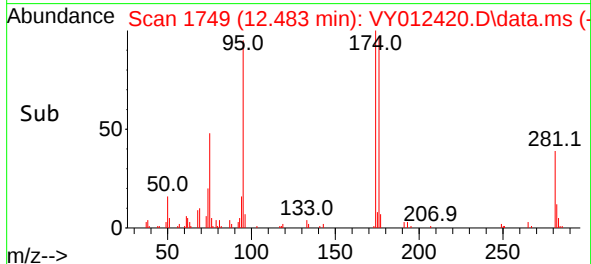
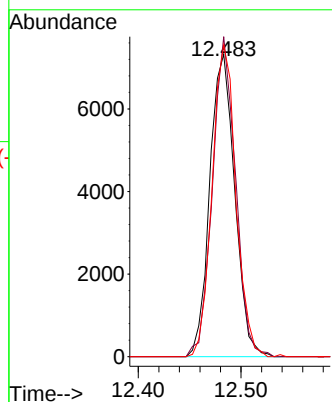
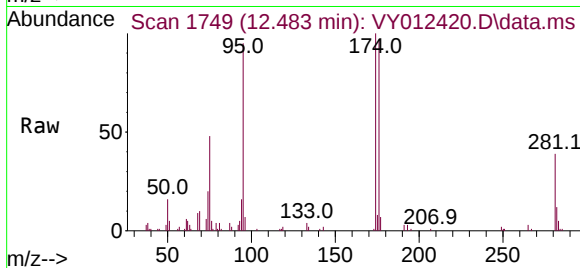
Tgt Ion: 95 Resp: 12340

Ion Ratio Lower Upper

95 100

174 97.5 0.0 172.0

176 98.1 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY012420.D

Acq: 31 Jan 2023 15:11

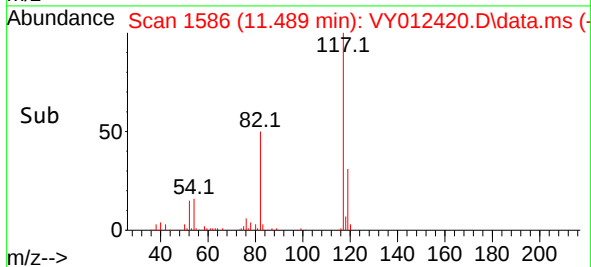
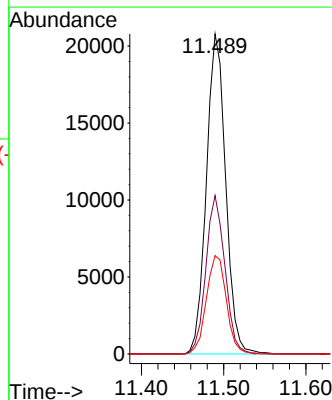
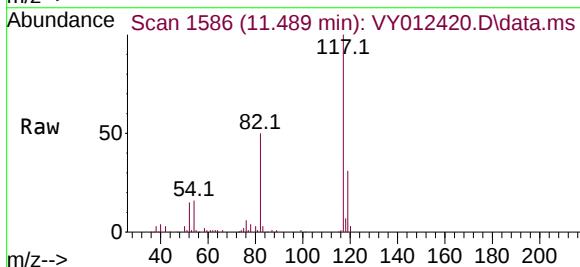
Tgt Ion: 117 Resp: 33889

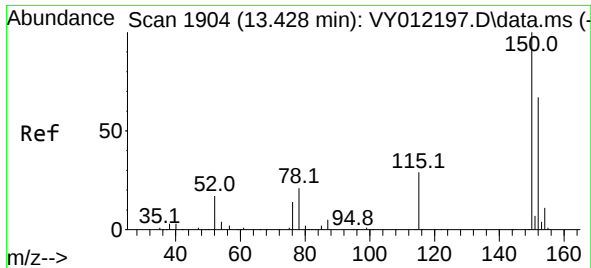
Ion Ratio Lower Upper

117 100

82 49.5 44.8 67.2

119 30.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012420.D

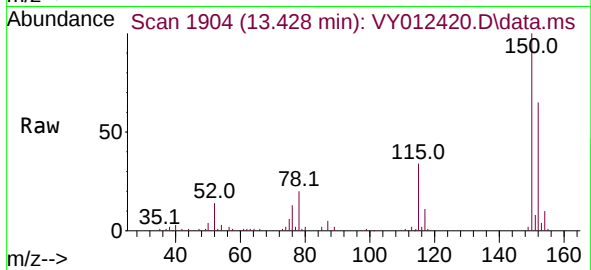
Acq: 31 Jan 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE



Tgt Ion:152 Resp: 14208

Ion Ratio Lower Upper

152 100

115 52.4 29.1 87.3

150 153.4 0.0 342.6

