

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015921.D
 Acq On : 11 Oct 2023 14:11
 Operator : SY/MD
 Sample : 04784-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-10052023RE

Quant Time: Oct 12 01:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	13067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	12716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5014	42.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.280%
35) Dibromofluoromethane	7.722	113	3847	37.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.680%
50) Toluene-d8	10.184	98	20006	59.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.420%
62) 4-Bromofluorobenzene	12.483	95	4496	33.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.080%

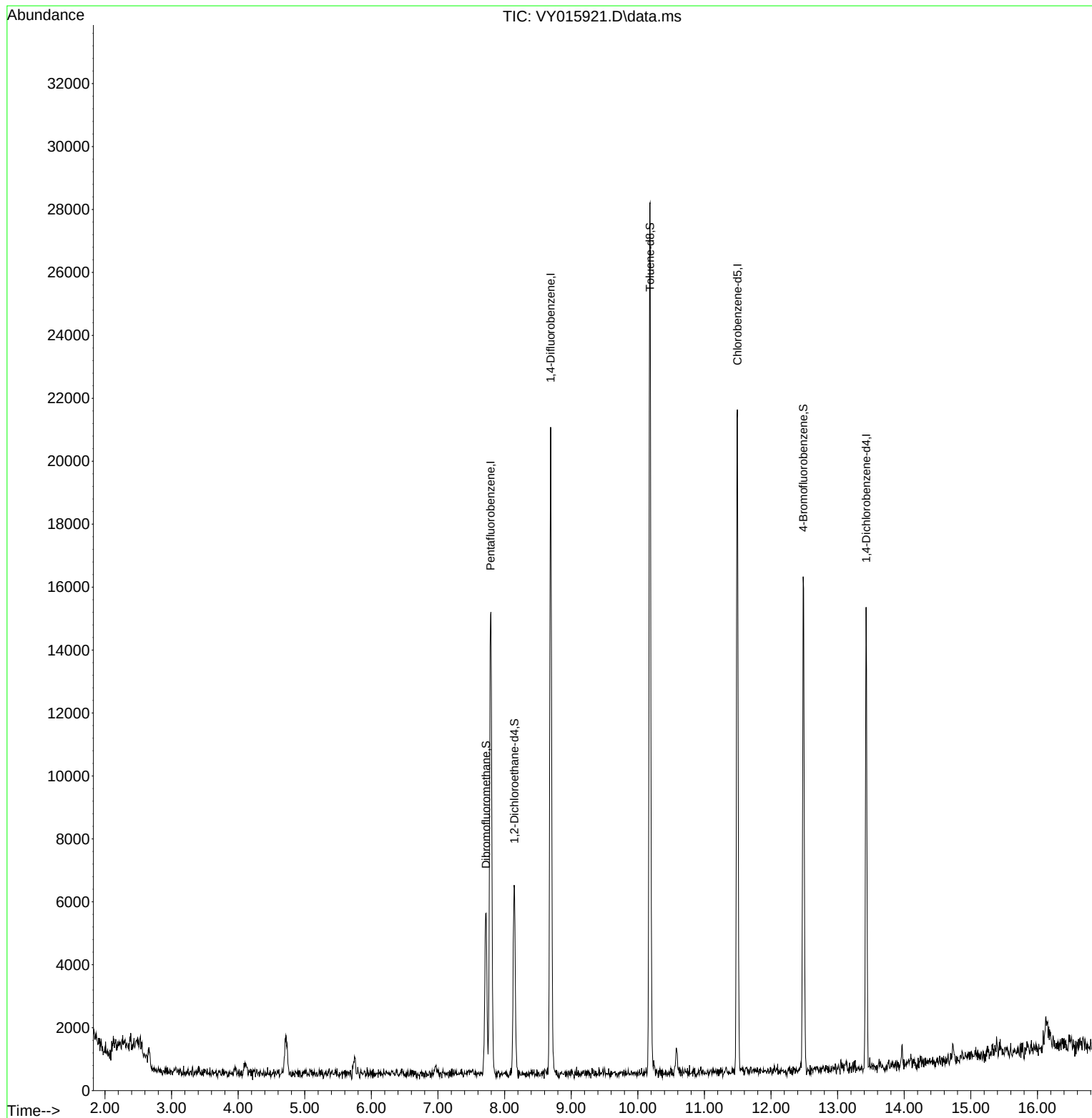
Target Compounds	Qvalue

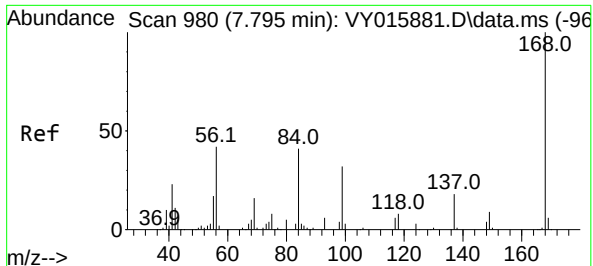
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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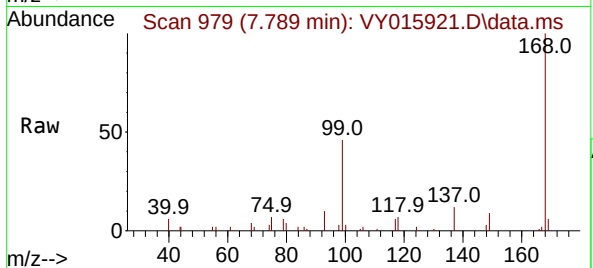
Quant Time: Oct 12 01:56:57 2023
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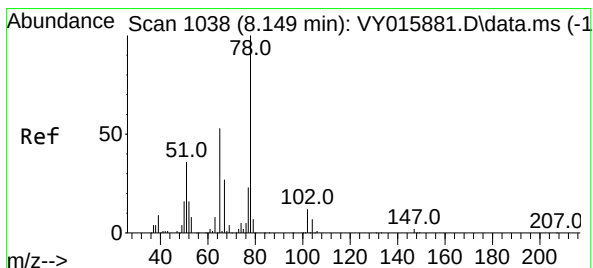
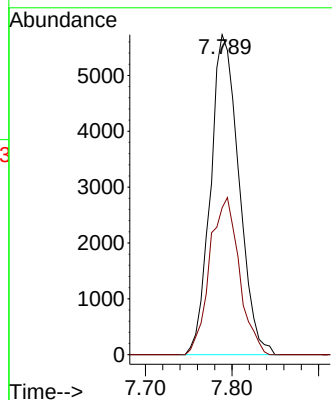
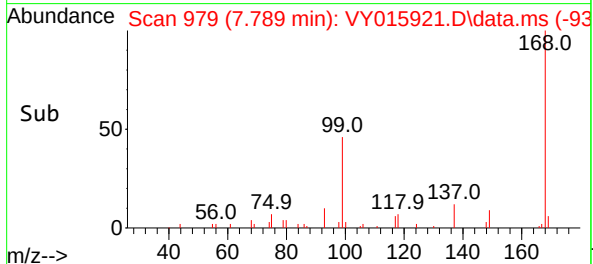


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015921.D
Acq: 11 Oct 2023 14:11

Instrument :
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ClientSampleId :
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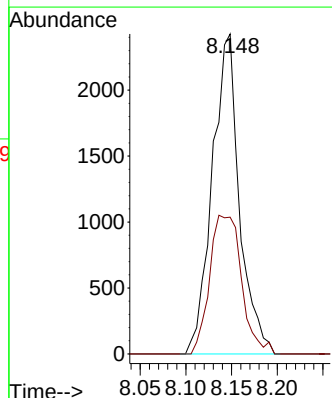
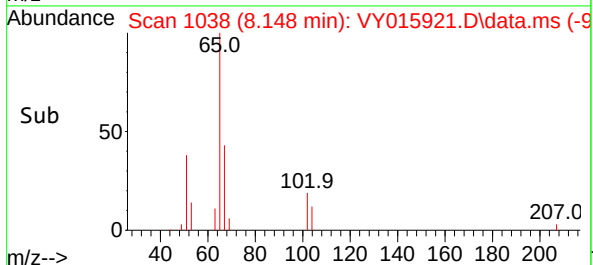
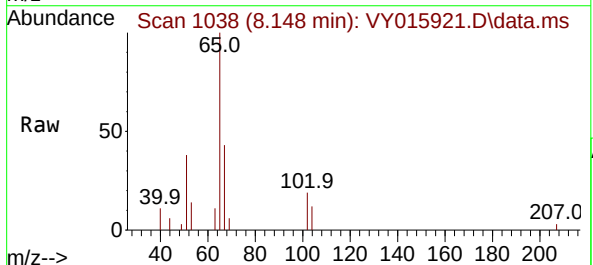


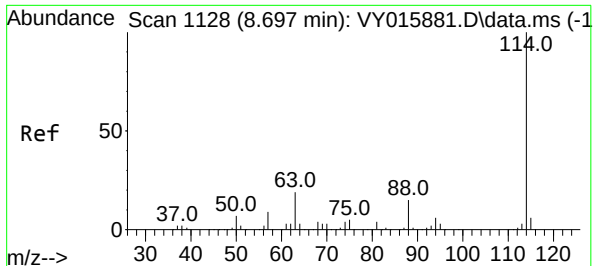
Tgt Ion:168 Resp: 13067
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 42.645 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015921.D
Acq: 11 Oct 2023 14:11

Tgt Ion: 65 Resp: 5014
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015921.D

Acq: 11 Oct 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-10052023RE

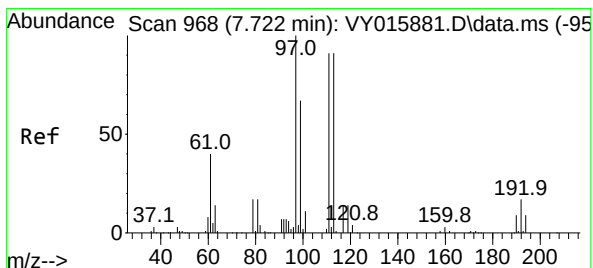
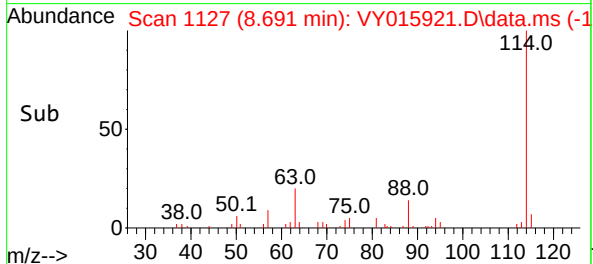
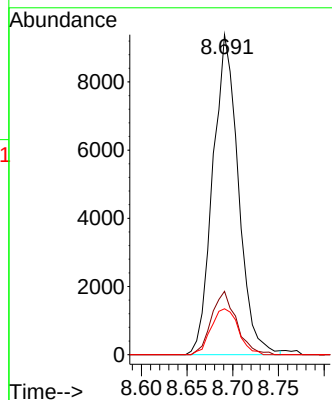
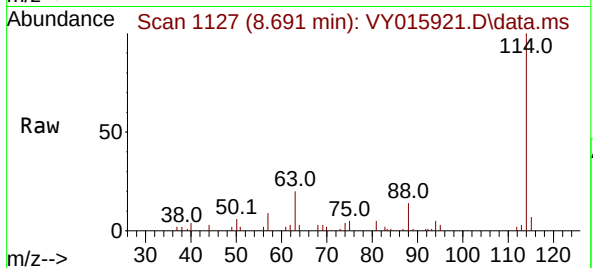
Tgt Ion:114 Resp: 18225

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.844 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY015921.D

Acq: 11 Oct 2023 14:11

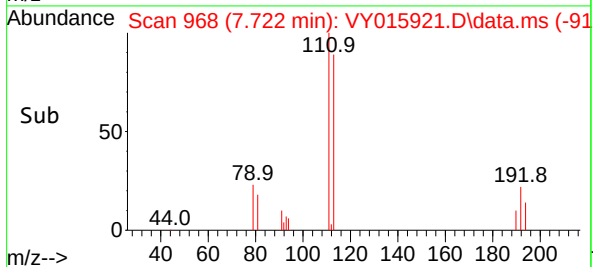
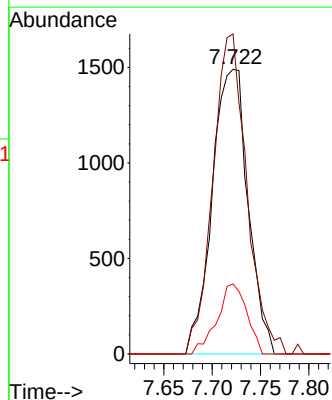
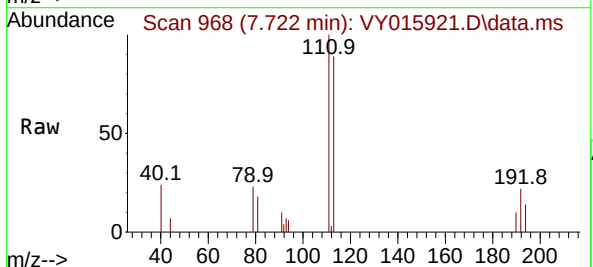
Tgt Ion:113 Resp: 3847

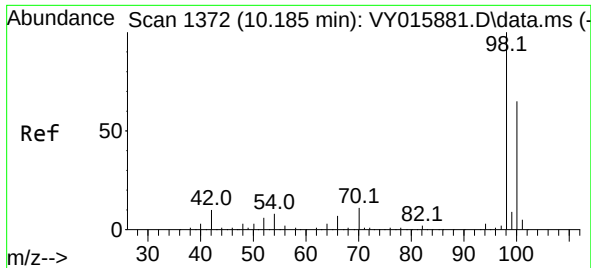
Ion Ratio Lower Upper

113 100

111 106.0 81.3 121.9

192 20.4 16.9 25.3

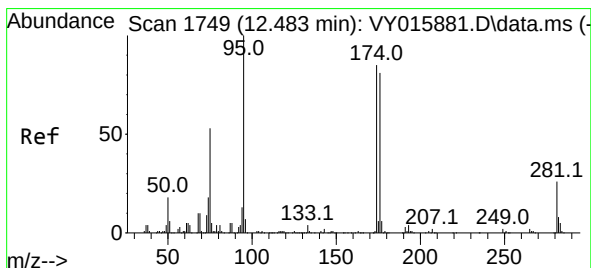
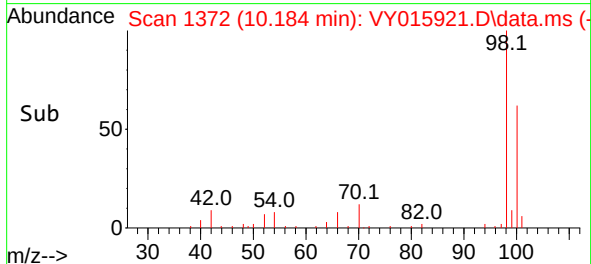
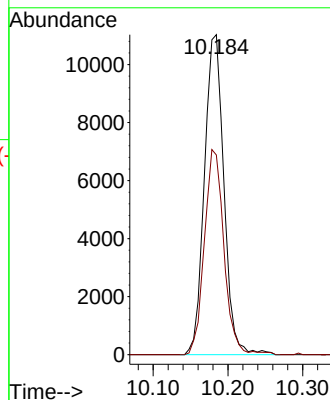
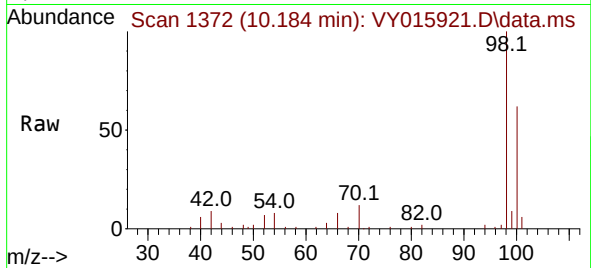




#50
Toluene-d8
Concen: 59.715 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015921.D
Acq: 11 Oct 2023 14:11

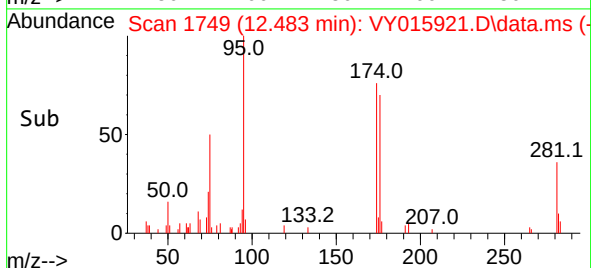
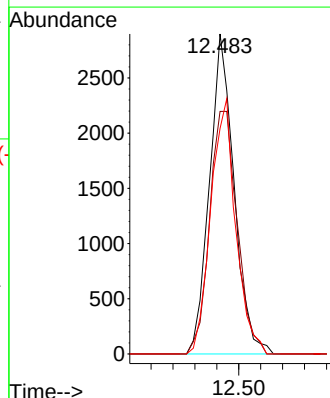
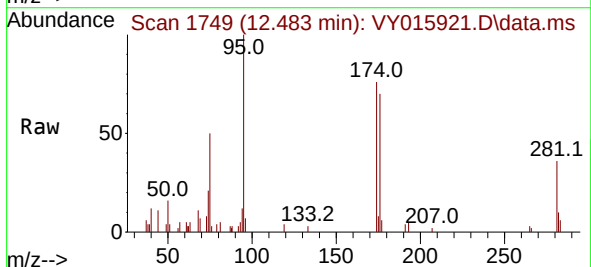
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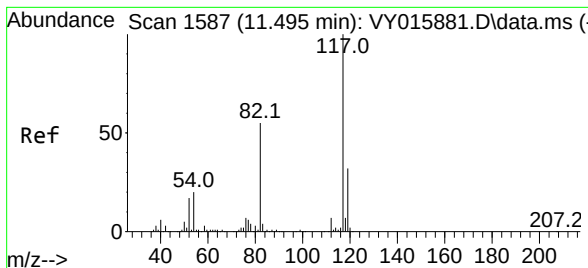
Tgt Ion: 98 Resp: 20006
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015921.D
Acq: 11 Oct 2023 14:11

Tgt Ion: 95 Resp: 4496
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015921.D

Acq: 11 Oct 2023 14:11

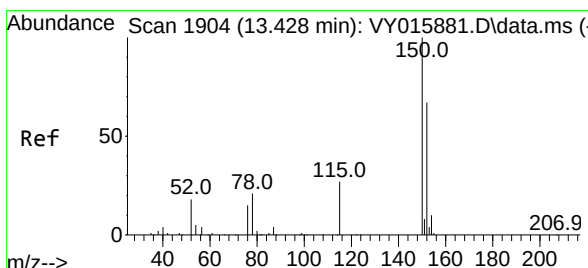
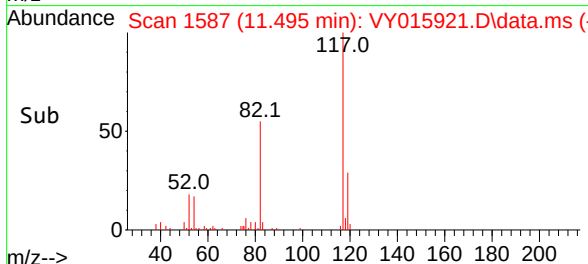
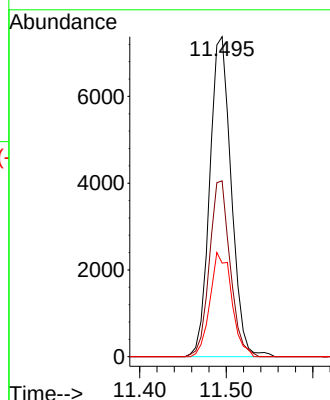
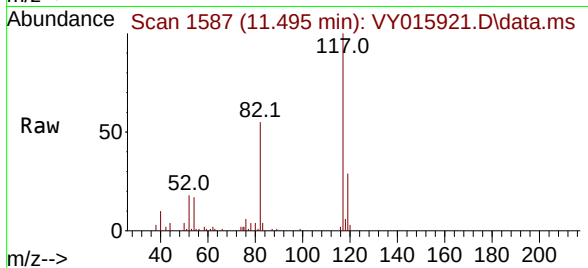
Instrument :

MSVOA_Y

ClientSampleId :

OR-02-10052023RE

Tgt Ion:117	Resp:	12716
Ion	Ratio	Lower Upper
117	100	
82	55.0	43.4 65.0
119	29.3	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY015921.D

Acq: 11 Oct 2023 14:11

Tgt Ion:152	Resp:	4057
Ion	Ratio	Lower Upper
152	100	
115	56.9	28.8 86.5
150	156.8	0.0 348.8

