

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017021.D
 Acq On : 17 Jan 2024 19:15
 Operator : SY/MD
 Sample : P1152-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 275

Quant Time: Jan 18 00:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

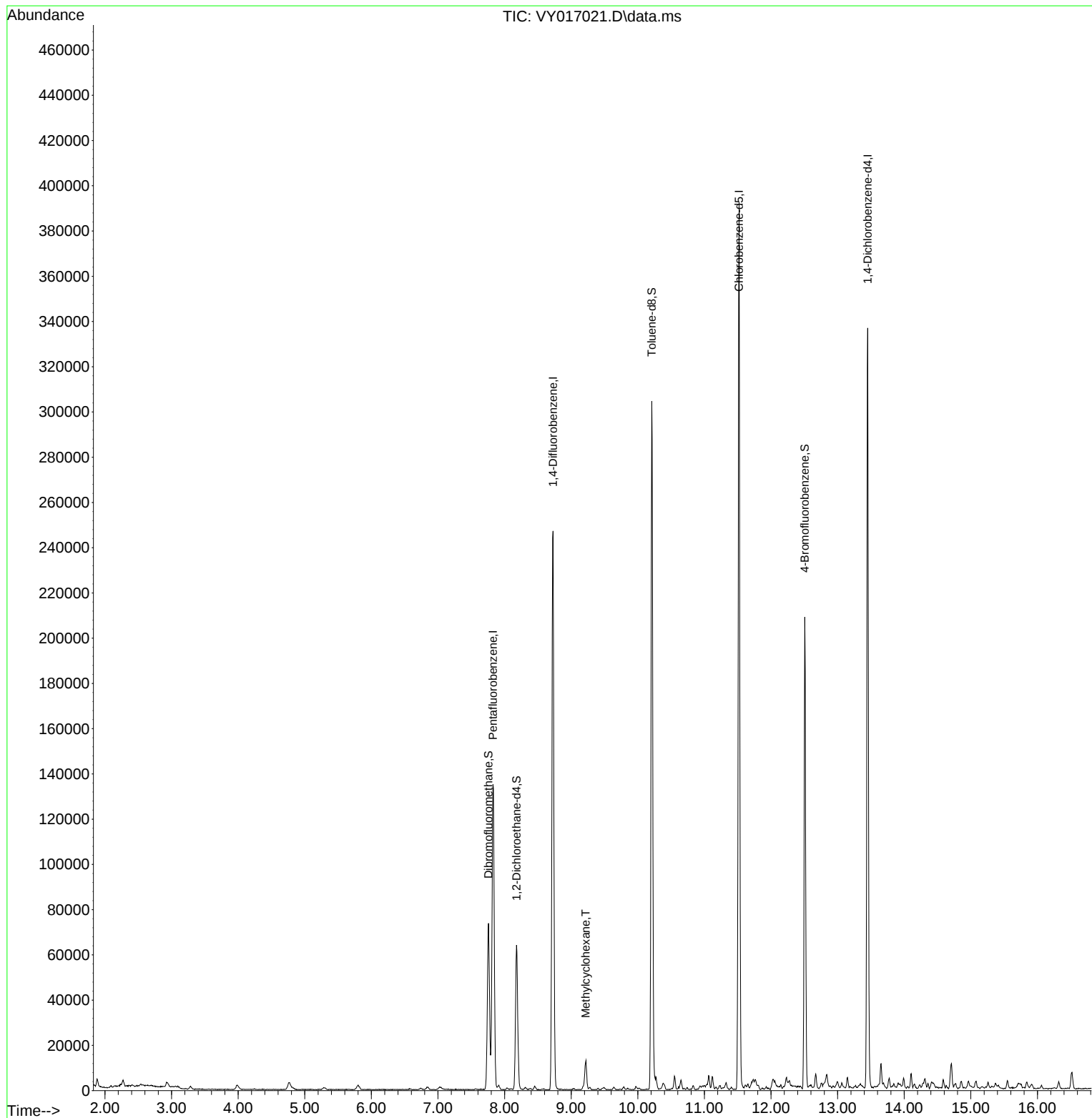
Internal Standards						
1) Pentafluorobenzene	7.826	168	102068	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.728	114	217770	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	210889	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	82879	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	47289	46.876	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.760%
35) Dibromofluoromethane	7.758	113	51769	37.305	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.620%
50) Toluene-d8	10.209	98	196912	41.207	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.420%
62) 4-Bromofluorobenzene	12.508	95	63622	39.462	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.920%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.216	83	4697	2.066	ug/l	95

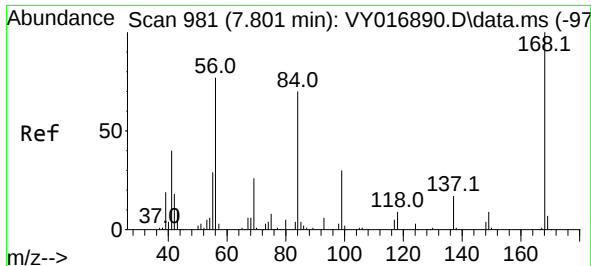
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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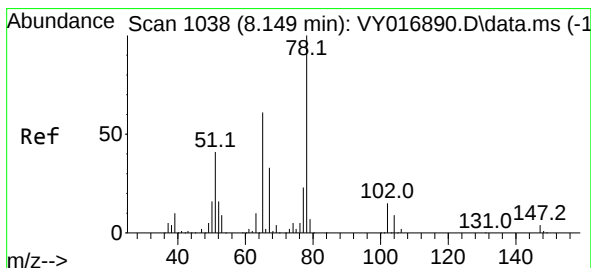
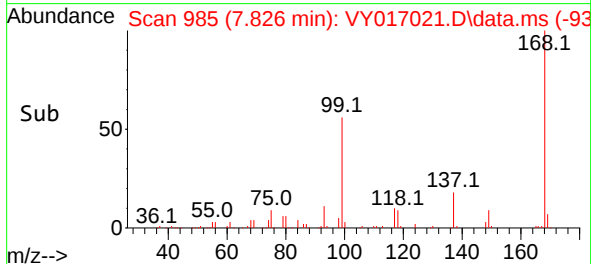
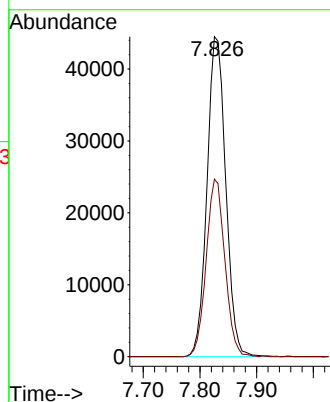
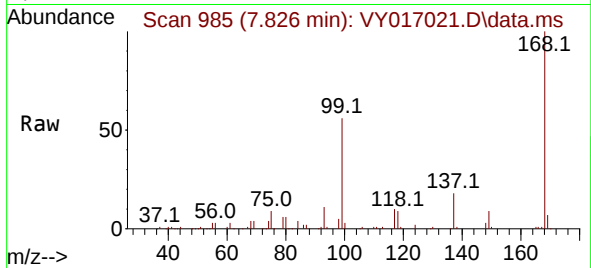




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017021.D
Acq: 17 Jan 2024 19:15

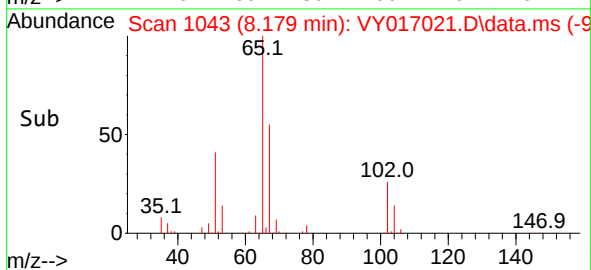
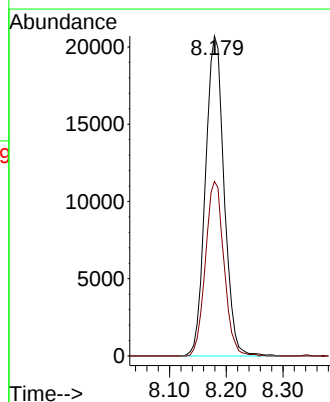
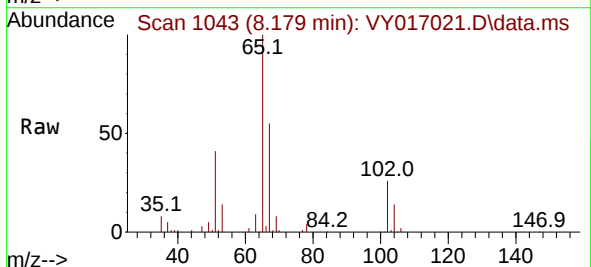
Instrument :
MSVOA_Y
ClientSampleId :
275

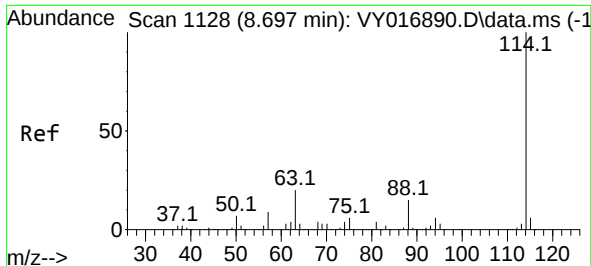
Tgt Ion:168 Resp: 102068
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.876 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017021.D
Acq: 17 Jan 2024 19:15

Tgt Ion: 65 Resp: 47289
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1128

Delta R.T. 0.025 min

Lab File: VY017021.D

Acq: 17 Jan 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

275

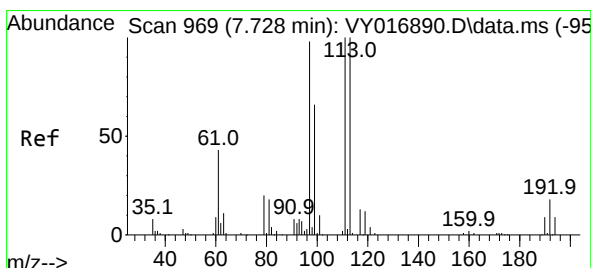
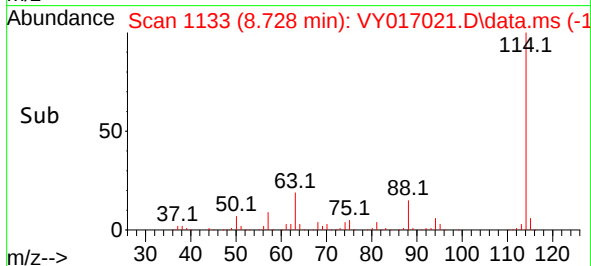
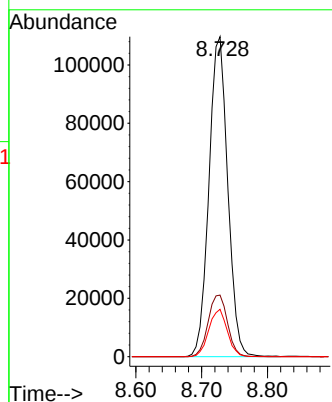
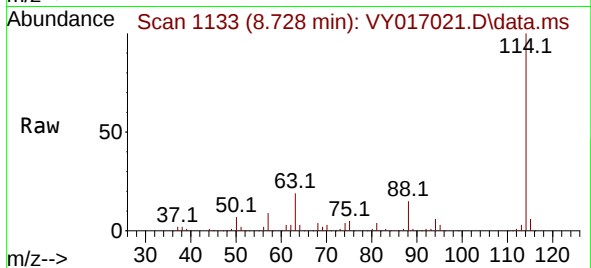
Tgt Ion:114 Resp: 217770

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.305 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017021.D

Acq: 17 Jan 2024 19:15

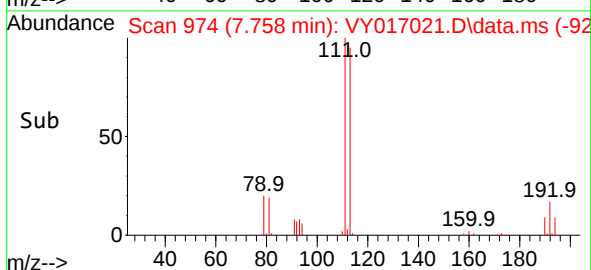
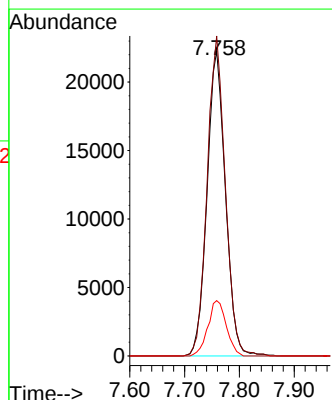
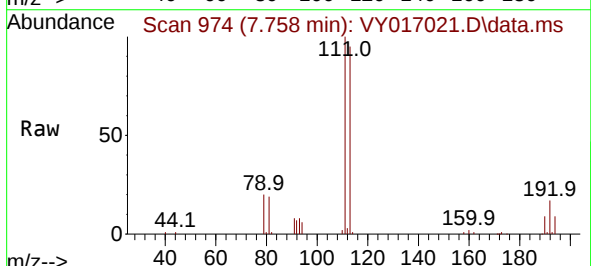
Tgt Ion:113 Resp: 51769

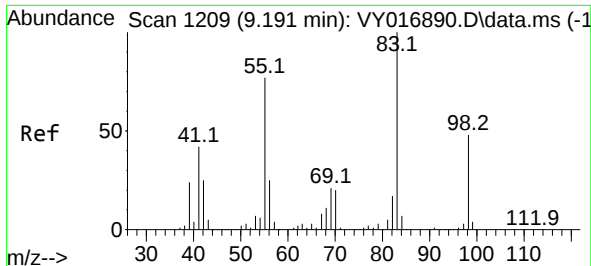
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.2 14.5 21.7





#39

Methylcyclohexane

Concen: 2.066 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY017021.D

Acq: 17 Jan 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

275

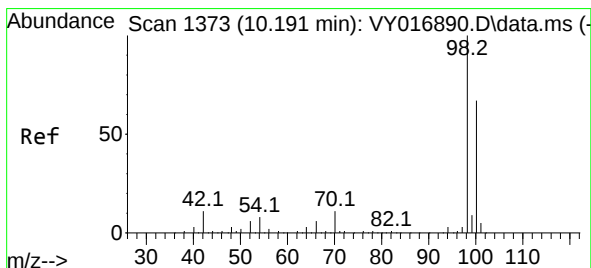
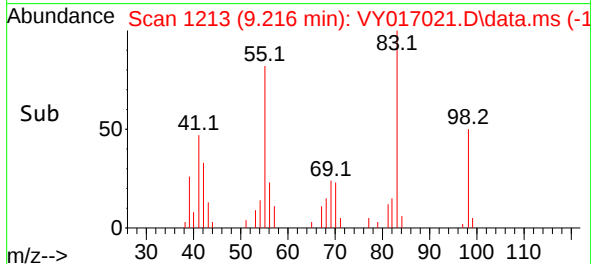
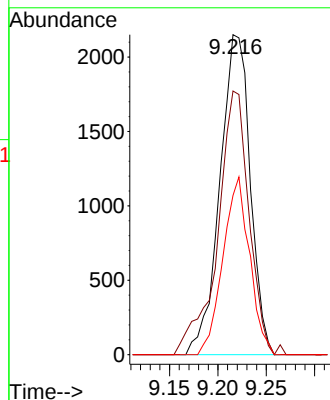
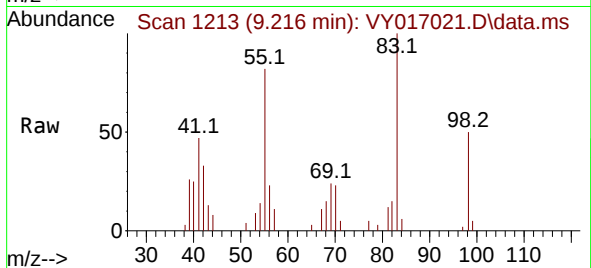
Tgt Ion: 83 Resp: 4697

Ion Ratio Lower Upper

83 100

55 79.3 59.7 89.5

98 49.7 38.0 57.0



#50

Toluene-d8

Concen: 41.207 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY017021.D

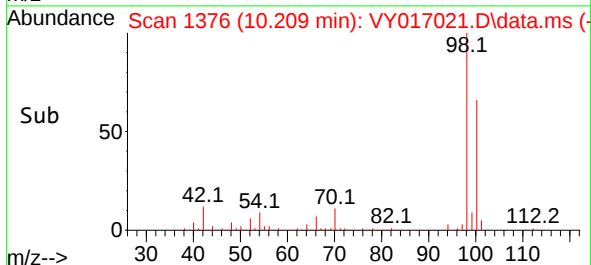
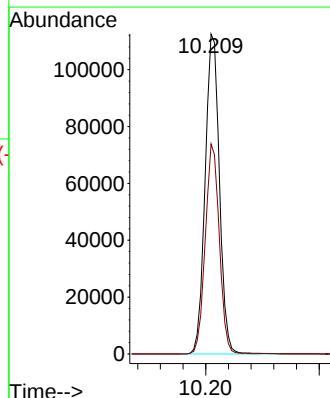
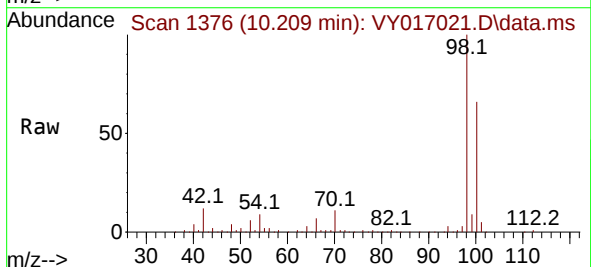
Acq: 17 Jan 2024 19:15

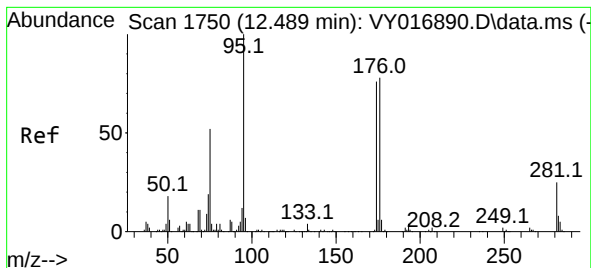
Tgt Ion: 98 Resp: 196912

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

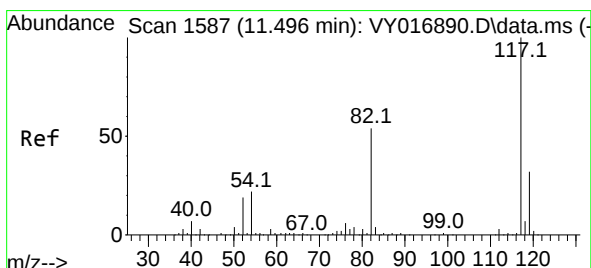
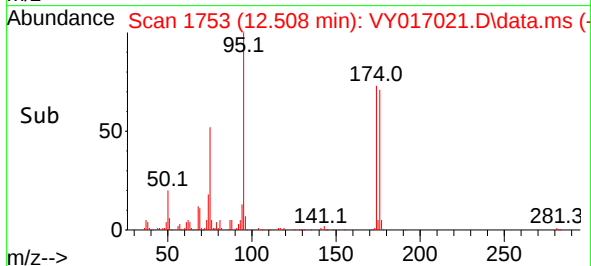
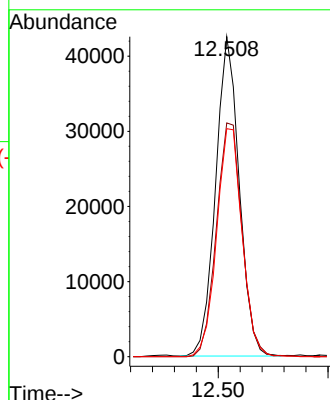
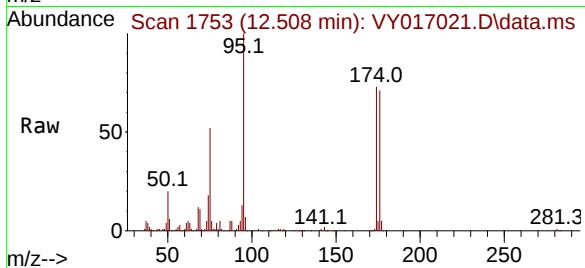




#62
4-Bromofluorobenzene
Concen: 39.462 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017021.D
Acq: 17 Jan 2024 19:15

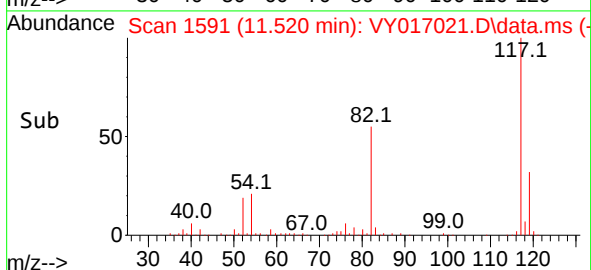
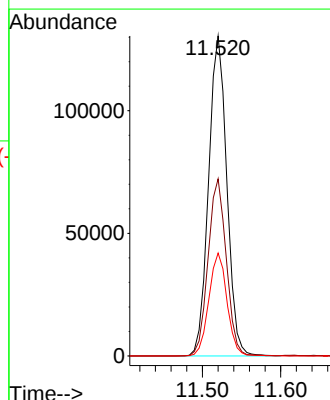
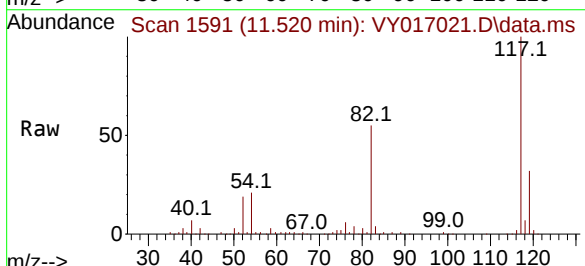
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275

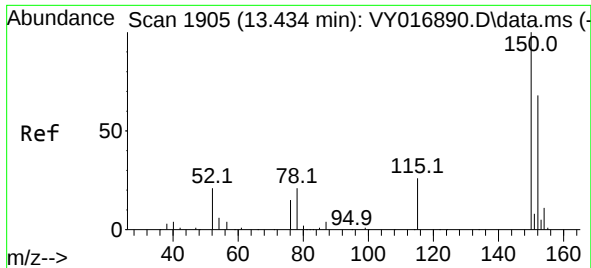
Tgt Ion: 95 Resp: 63622
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.018 min
Lab File: VY017021.D
Acq: 17 Jan 2024 19:15

Tgt Ion: 117 Resp: 210889
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017021.D

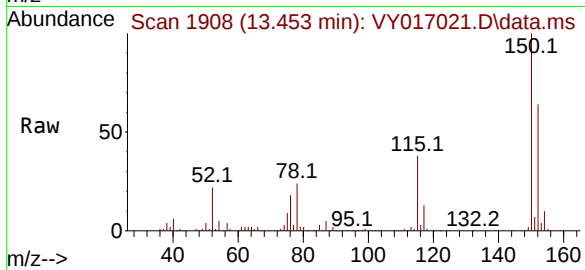
Acq: 17 Jan 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

275



Tgt Ion:152 Resp: 82879

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.0 0.0 344.6

