

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015955.D
 Acq On : 13 Oct 2023 14:21
 Operator : SY/MD
 Sample : 04878-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 222

Quant Time: Oct 14 01:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

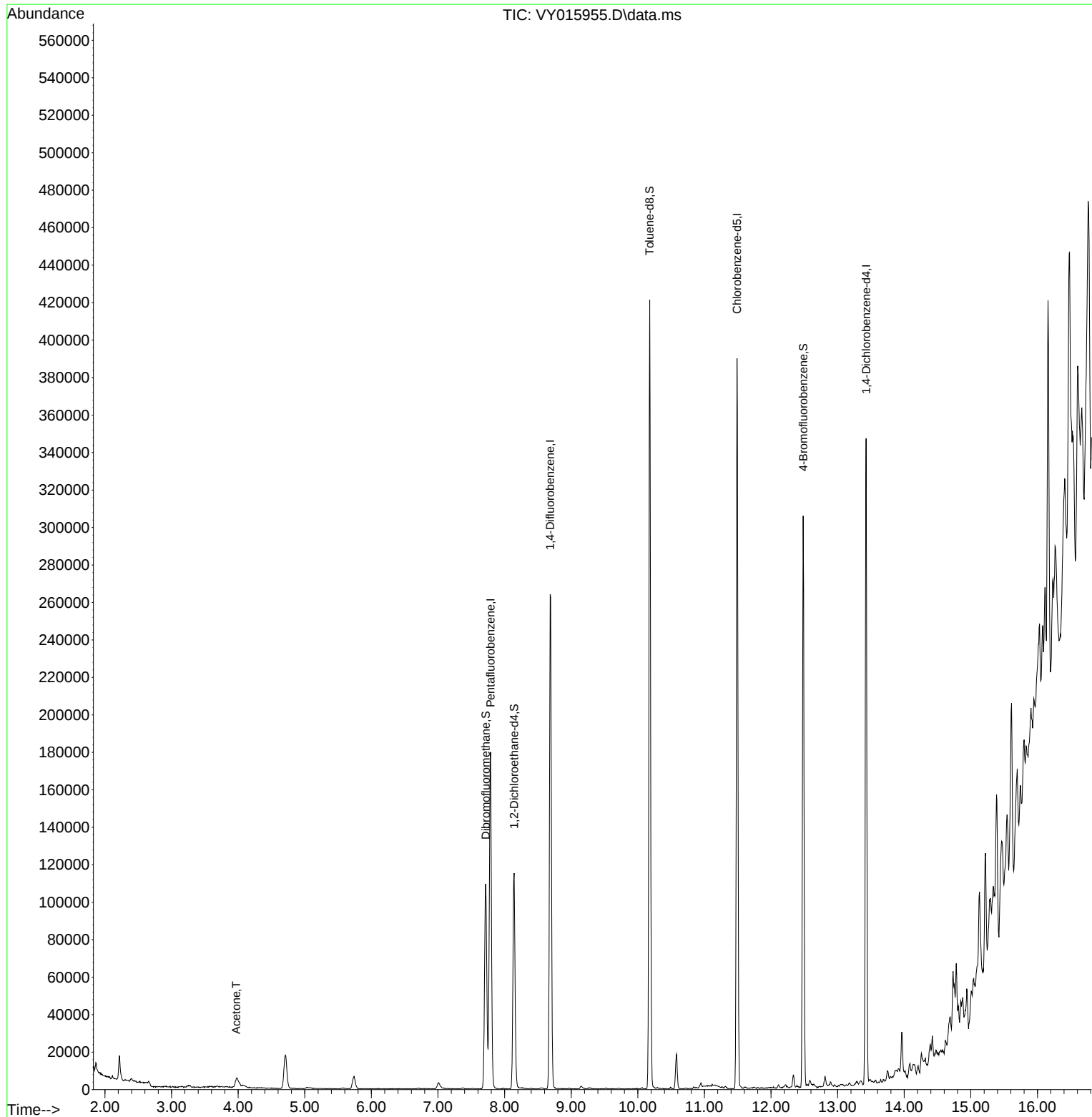
Internal Standards						
1) Pentafluorobenzene	7.789	168	138044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235367	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	214796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89605	56.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.760%
35) Dibromofluoromethane	7.715	113	79441	53.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.178	98	274860	49.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.483	95	92020	46.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.140%
Target Compounds						
16) Acetone	3.972	43	13016	14.222	ug/l	Qvalue 95

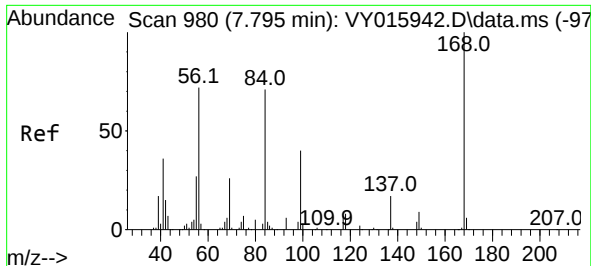
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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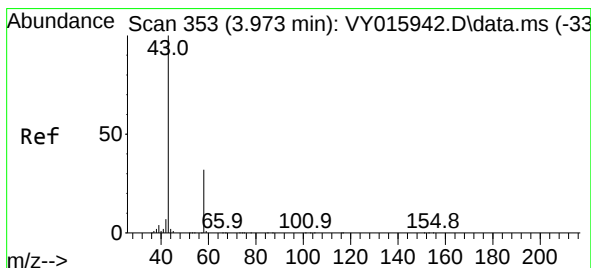
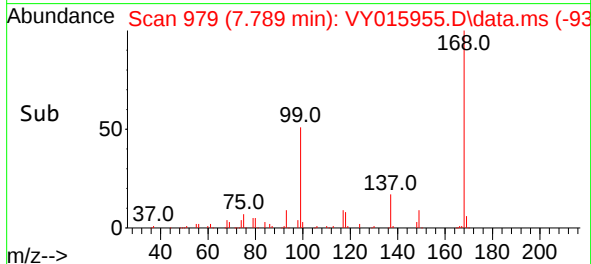
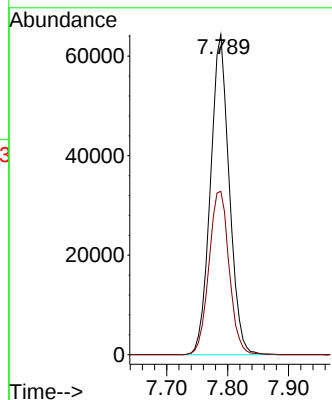
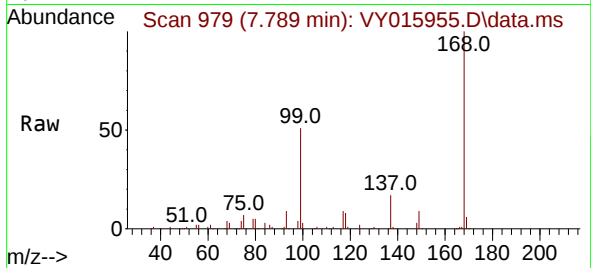




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

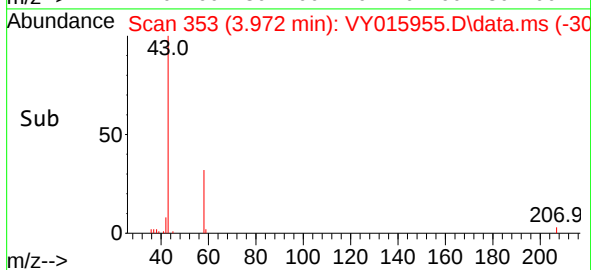
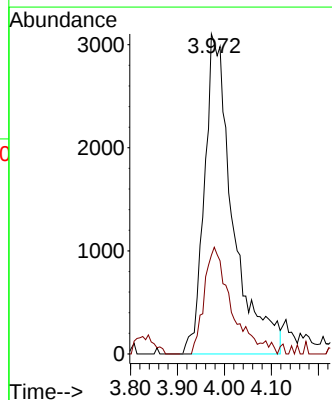
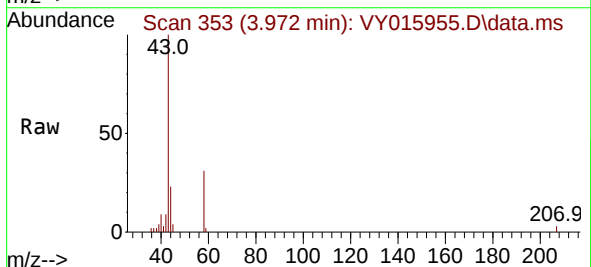
Instrument :
MSVOA_Y
ClientSampleId :
222

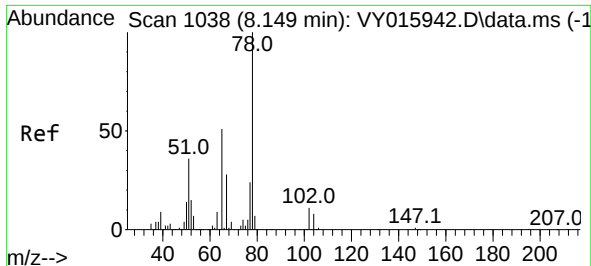
Tgt Ion:168 Resp: 138044
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#16
Acetone
Concen: 14.222 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

Tgt Ion: 43 Resp: 13016
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 56.875 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015955.D

Acq: 13 Oct 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

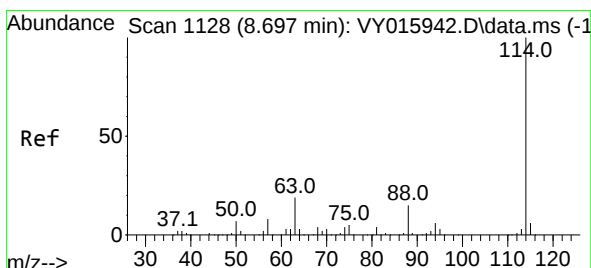
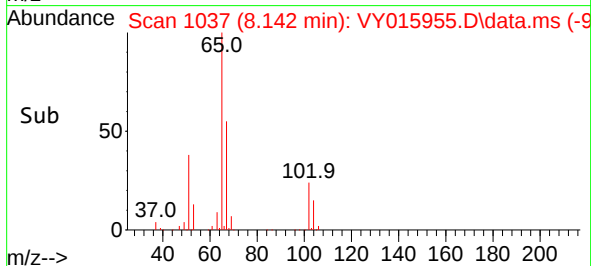
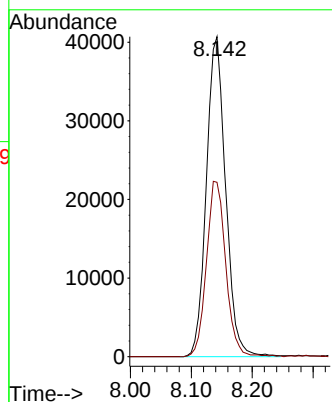
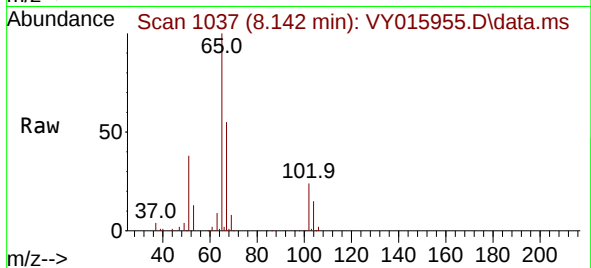
222

Tgt Ion: 65 Resp: 89605

Ion Ratio Lower Upper

65 100

67 55.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY015955.D

Acq: 13 Oct 2023 14:21

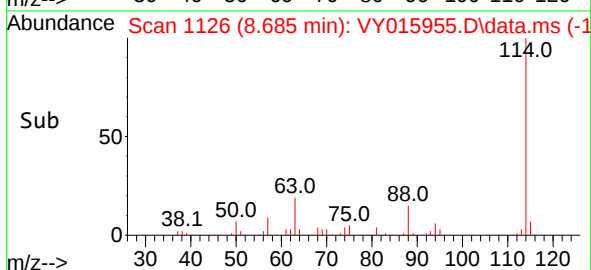
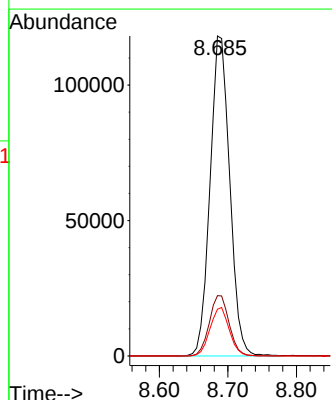
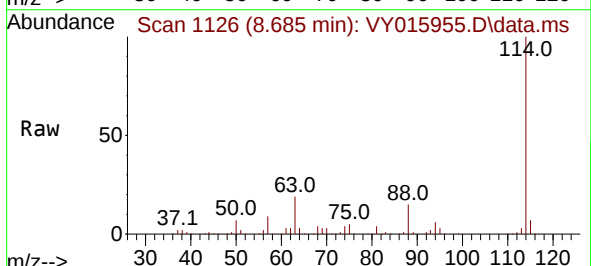
Tgt Ion: 114 Resp: 235367

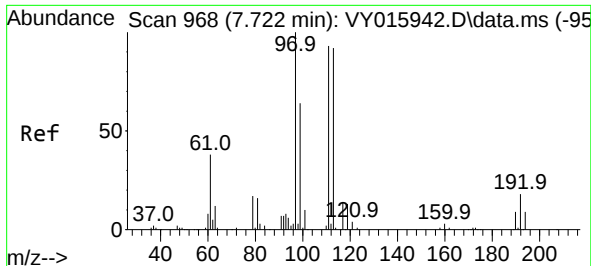
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6

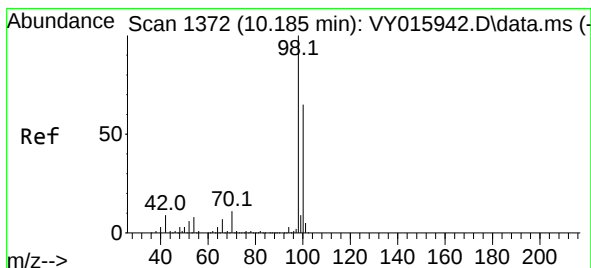
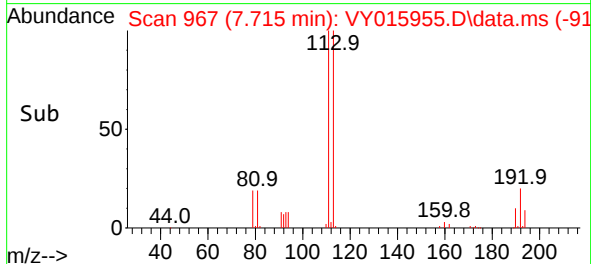
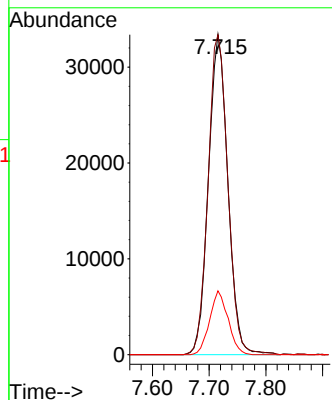
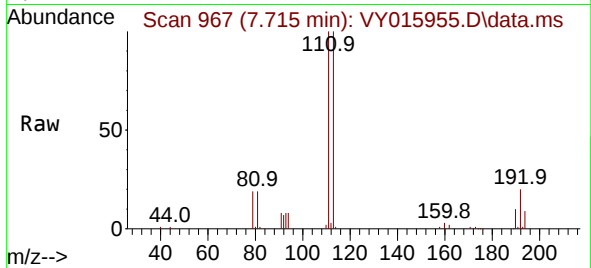




#35
Dibromofluoromethane
Concen: 53.612 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

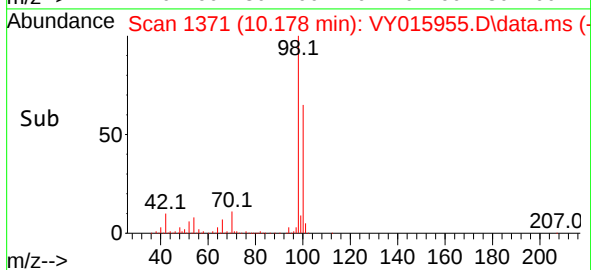
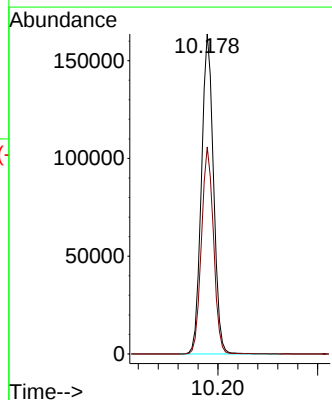
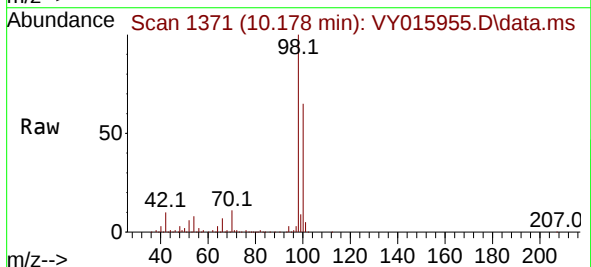
Instrument :
MSVOA_Y
ClientSampleId :
222

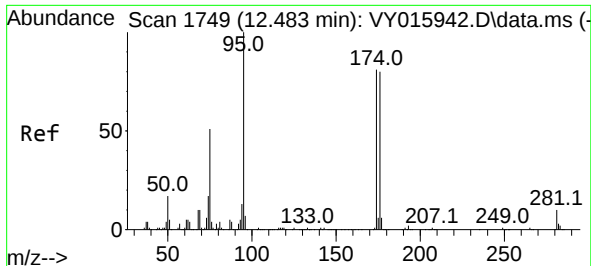
Tgt Ion:113 Resp: 79441
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

Tgt Ion: 98 Resp: 274860
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

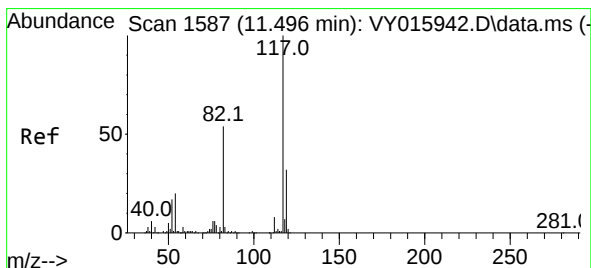
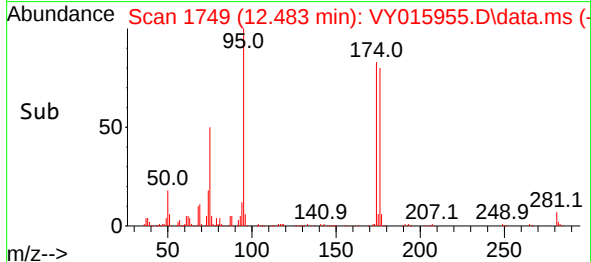
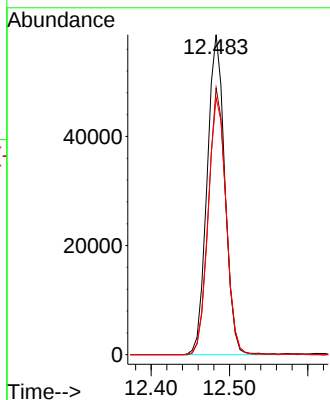
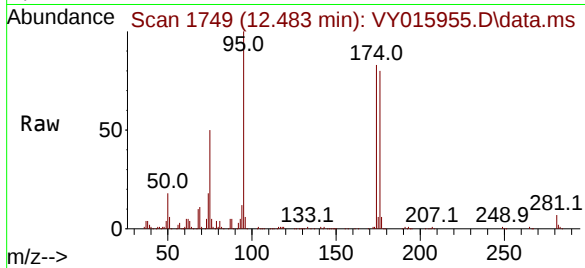




#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

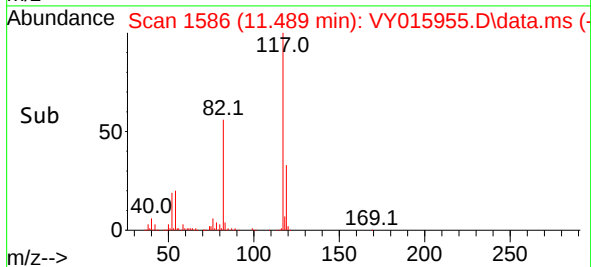
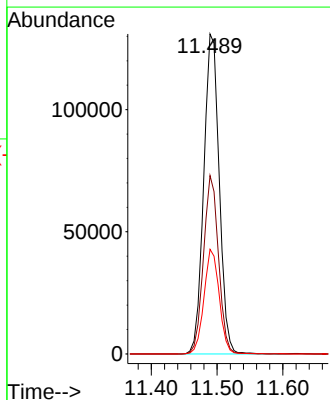
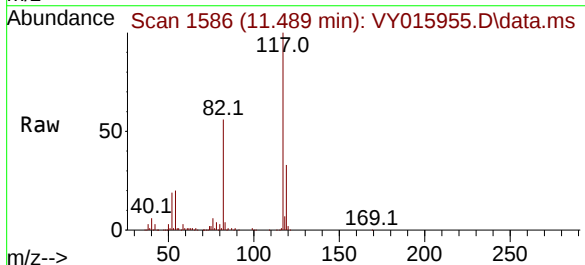
Instrument :
MSVOA_Y
ClientSampleId :
222

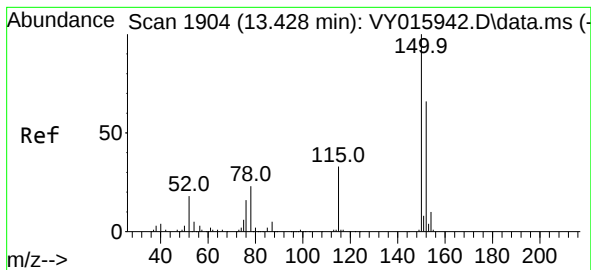
Tgt Ion: 95 Resp: 92020
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015955.D
Acq: 13 Oct 2023 14:21

Tgt Ion: 117 Resp: 214796
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.7 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: VY015955.D

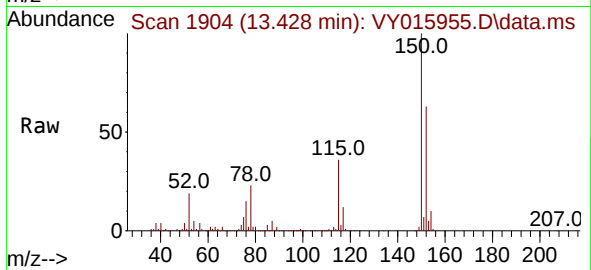
Acq: 13 Oct 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

222



Tgt Ion:152 Resp: 90230

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.1 0.0 348.8

