

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016041.D
 Acq On : 19 Oct 2023 16:46
 Operator : SY/MD
 Sample : 04938-10
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-5(2-6)

Quant Time: Oct 20 05:38:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

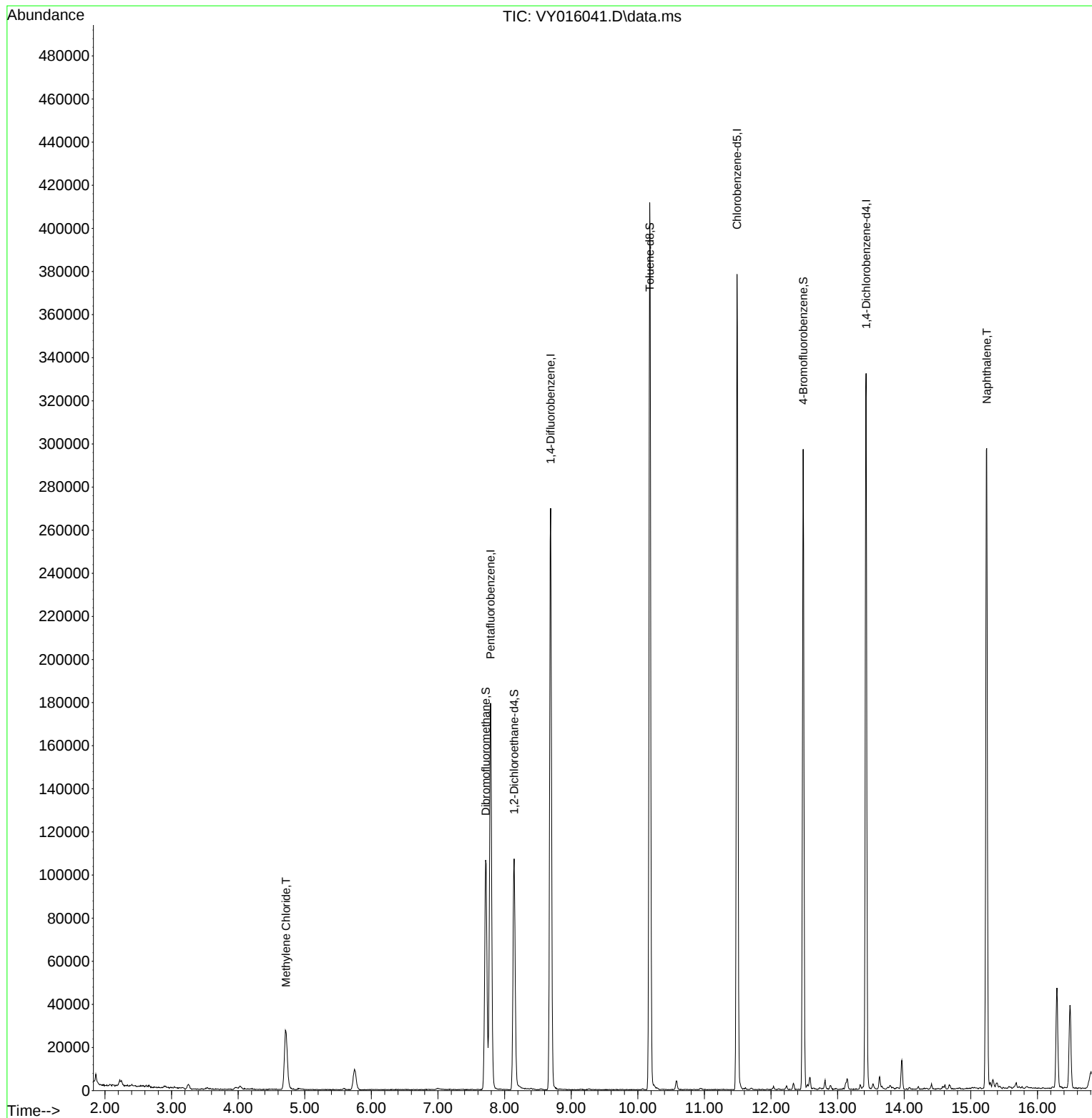
Internal Standards						
1) Pentafluorobenzene	7.789	168	140411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87709	54.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.920%
35) Dibromofluoromethane	7.716	113	78218	50.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.179	98	279696	49.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.483	95	86115	42.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.280%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	21962	12.497	ug/l	93
95) Naphthalene	15.239	128	251243	56.276	ug/l	99

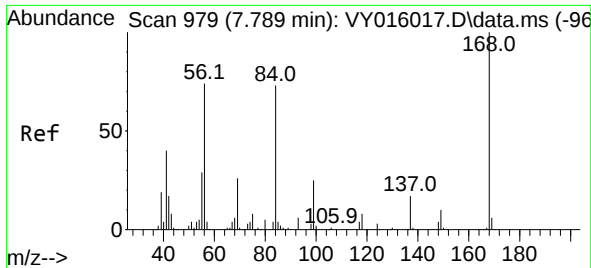
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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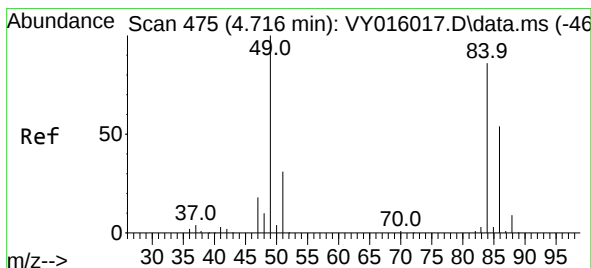
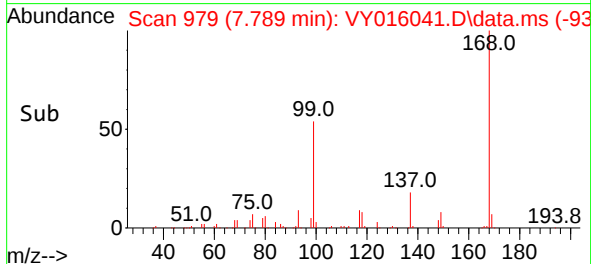
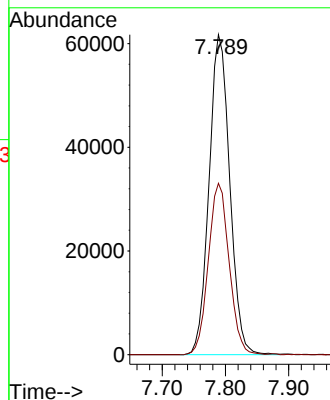
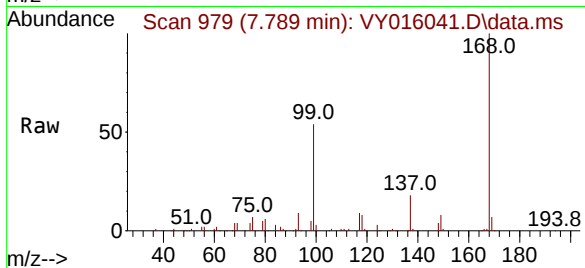




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

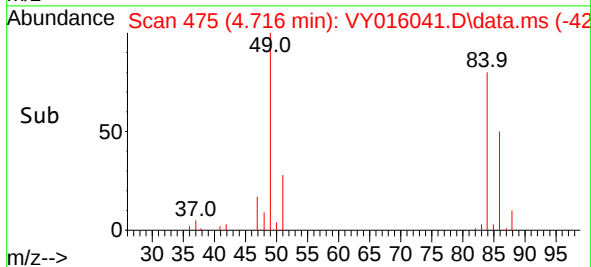
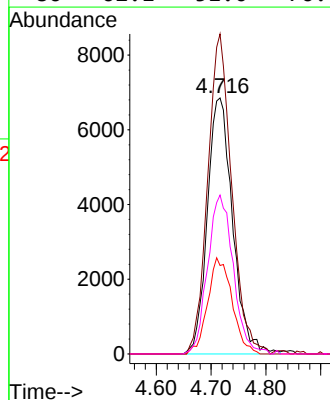
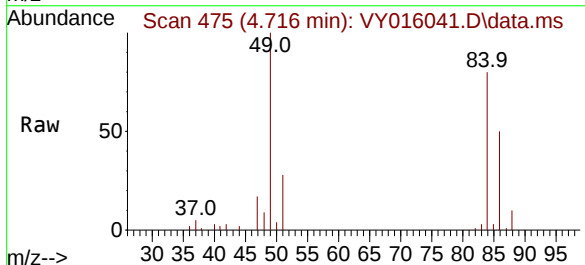
Instrument :
MSVOA_Y
ClientSampleId :
A-5(2-6)

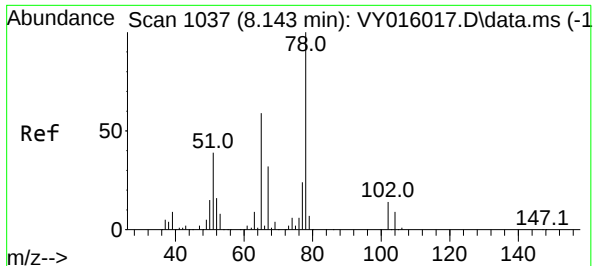
Tgt Ion:168 Resp: 140411
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 12.497 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion: 84 Resp: 21962
Ion Ratio Lower Upper
84 100
49 125.0 106.9 160.3
51 34.6 33.2 49.8
86 62.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.960 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016041.D

Acq: 19 Oct 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

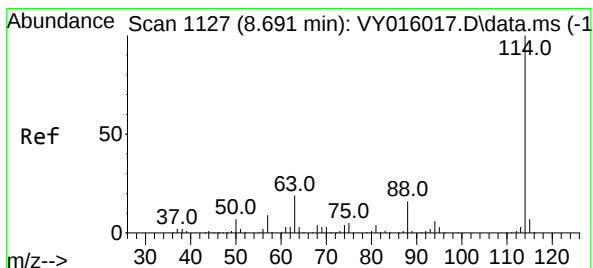
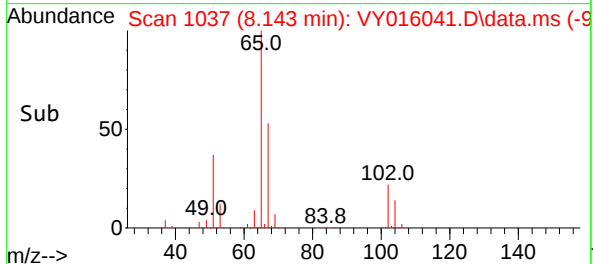
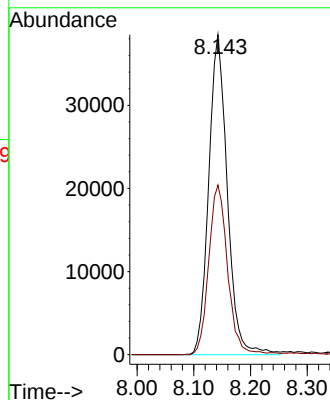
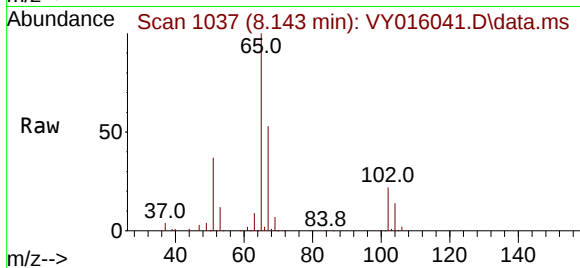
A-5(2-6)

Tgt Ion: 65 Resp: 87709

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016041.D

Acq: 19 Oct 2023 16:46

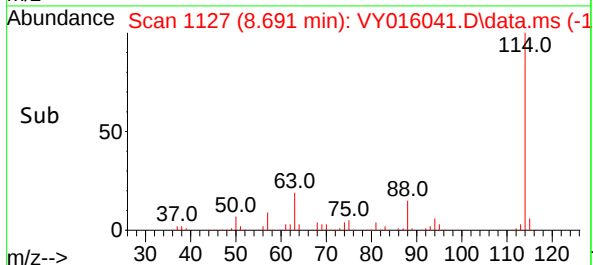
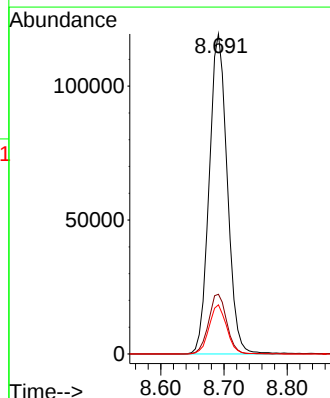
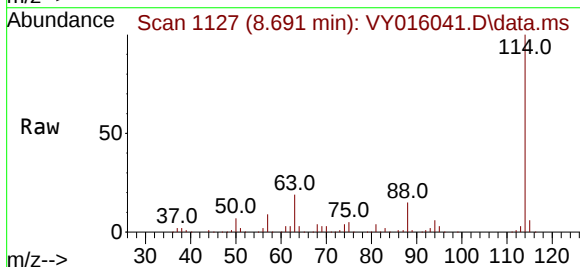
Tgt Ion:114 Resp: 236767

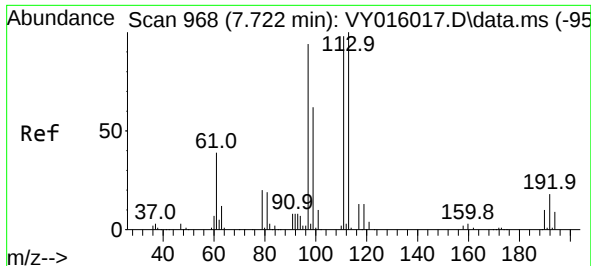
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6

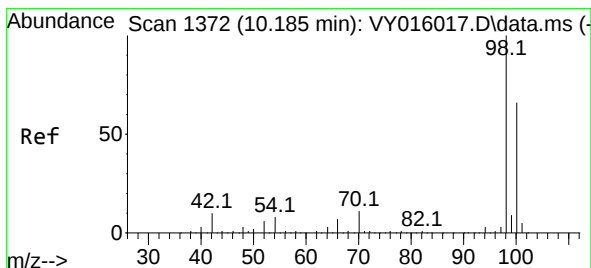
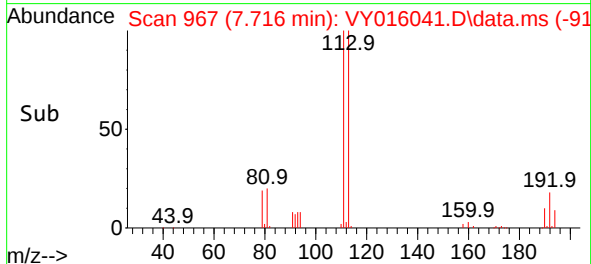
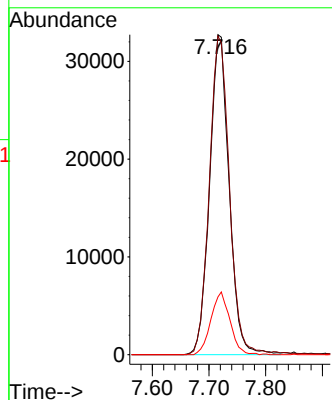
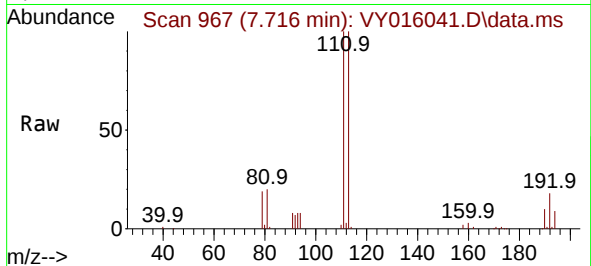




#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

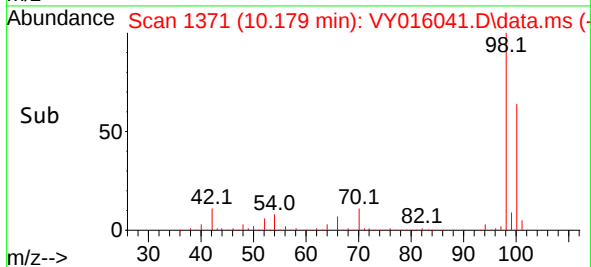
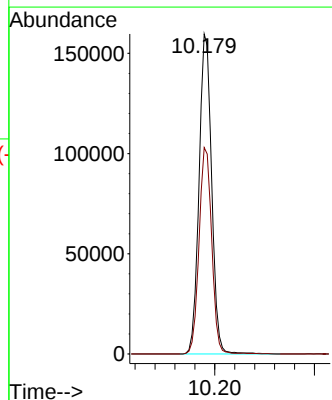
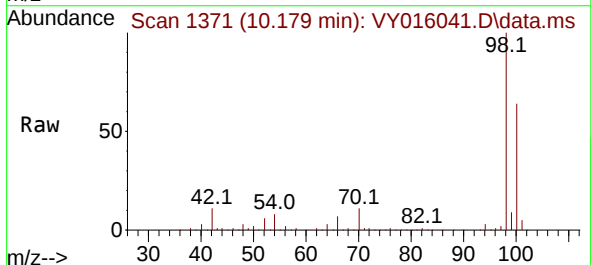
Instrument :
MSVOA_Y
ClientSampleId :
A-5(2-6)

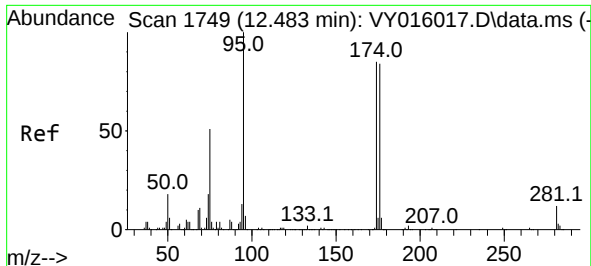
Tgt Ion:113 Resp: 78218
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 49.416 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion: 98 Resp: 279696
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

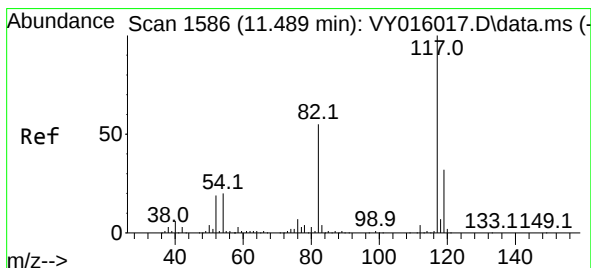
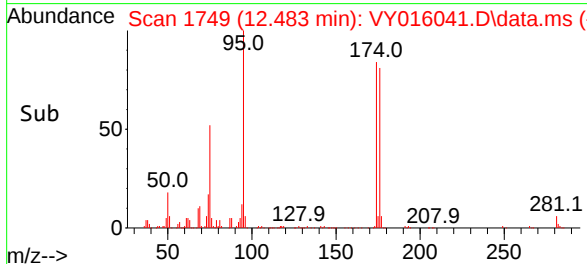
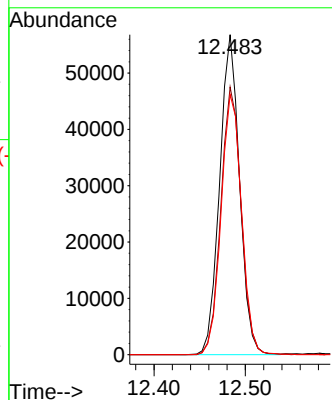
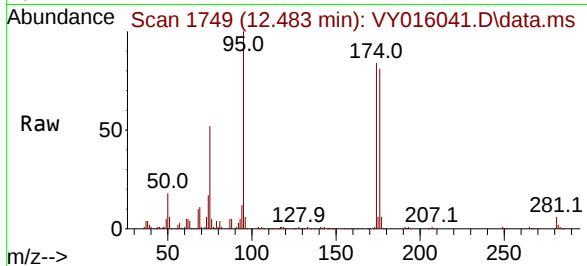




#62
4-Bromofluorobenzene
Concen: 42.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

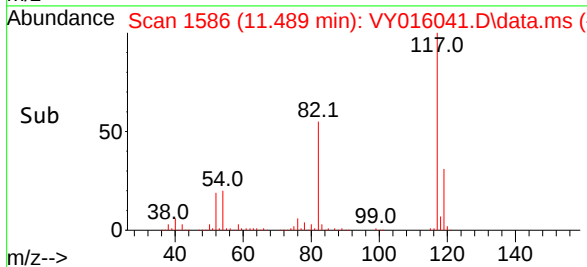
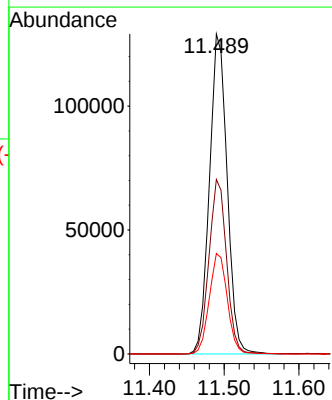
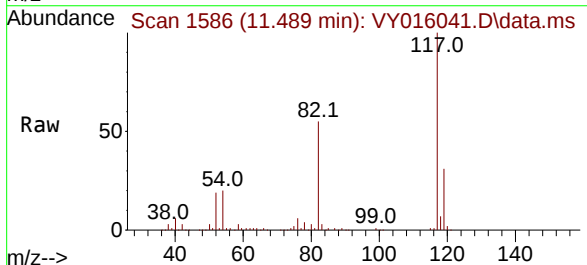
Instrument :
MSVOA_Y
ClientSampleId :
A-5(2-6)

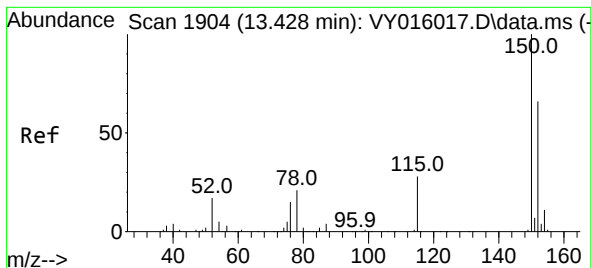
Tgt Ion: 95 Resp: 86115
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion: 117 Resp: 212567
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.4 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: VY016041.D

Acq: 19 Oct 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

A-5(2-6)

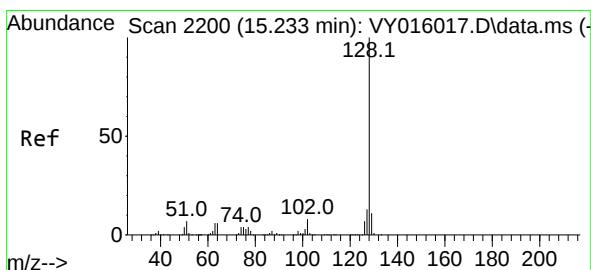
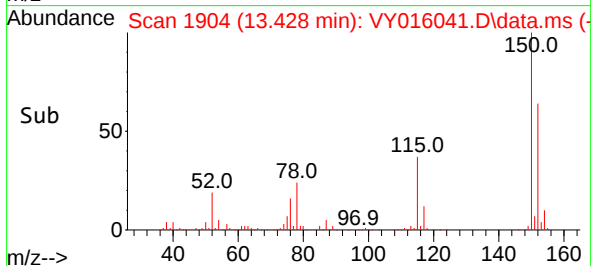
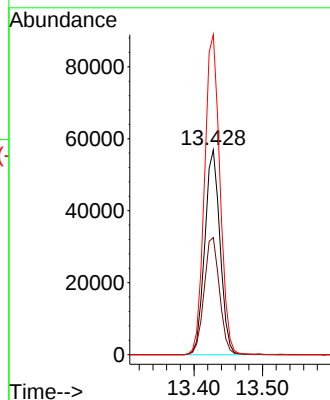
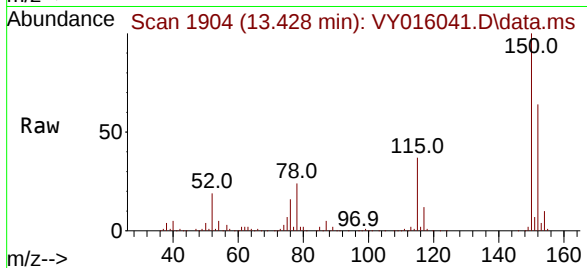
Tgt Ion:152 Resp: 88033

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.4 0.0 348.8



#95

Naphthalene

Concen: 56.276 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016041.D

Acq: 19 Oct 2023 16:46

Tgt Ion:128 Resp: 251243

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0

