

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016042.D
 Acq On : 19 Oct 2023 17:09
 Operator : SY/MD
 Sample : 04938-12
 Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 20 05:38:52 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)

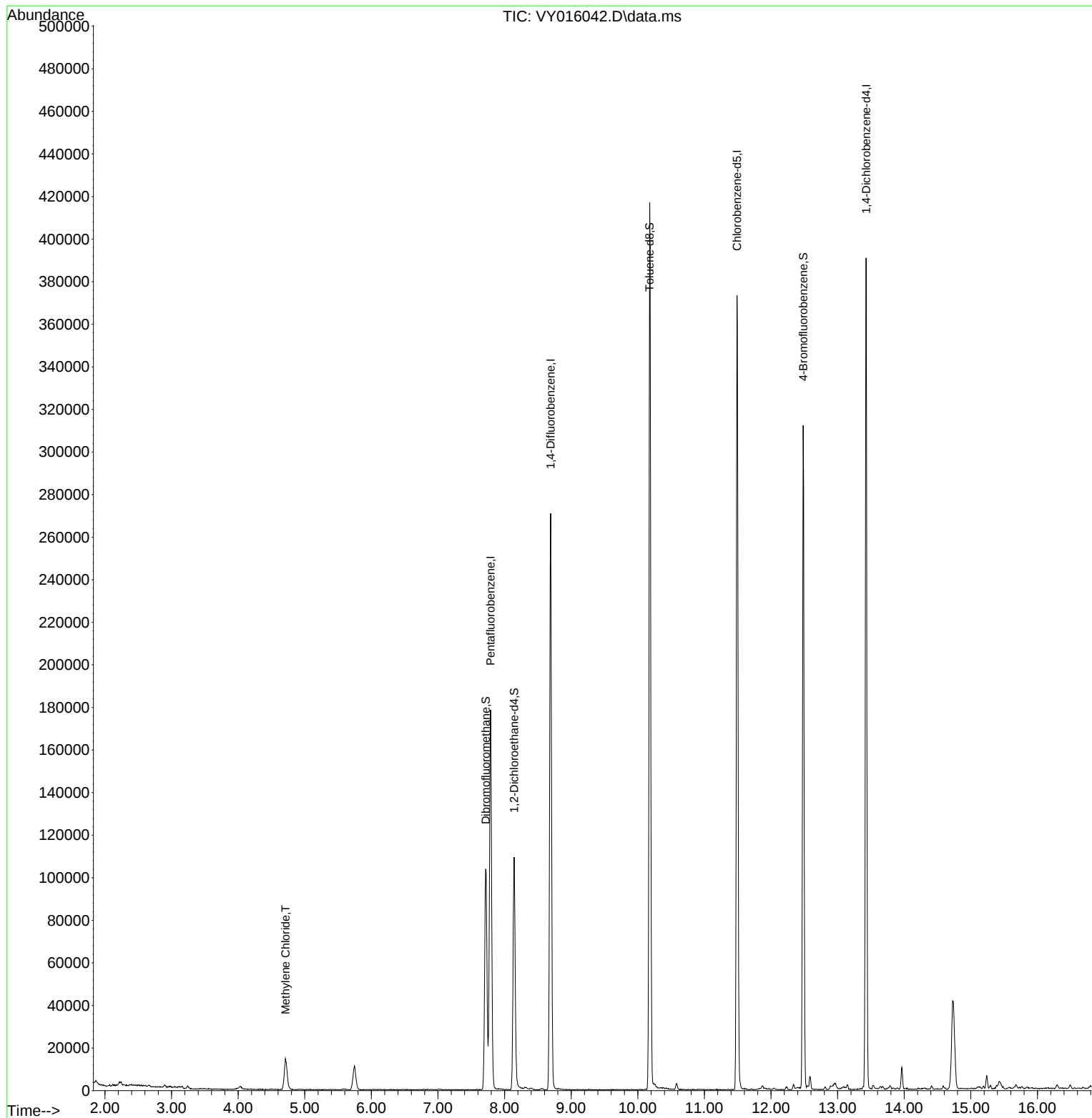
Internal Standards						
1) Pentafluorobenzene	7.789	168	139739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	216698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87437	55.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.716	113	77120	49.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.179	98	278260	49.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.483	95	93258	46.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.060%
Target Compounds						
20) Methylene Chloride	4.710	84	11322	6.473	ug/l	87

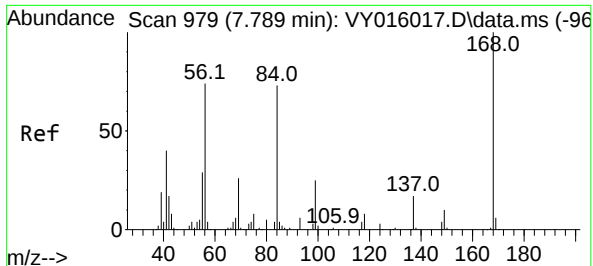
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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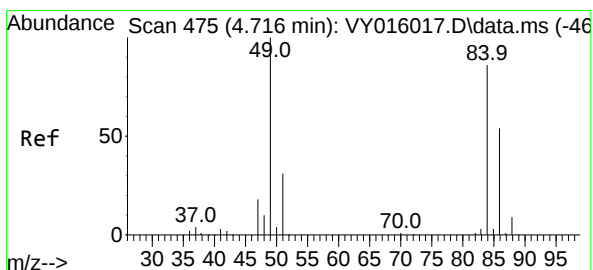
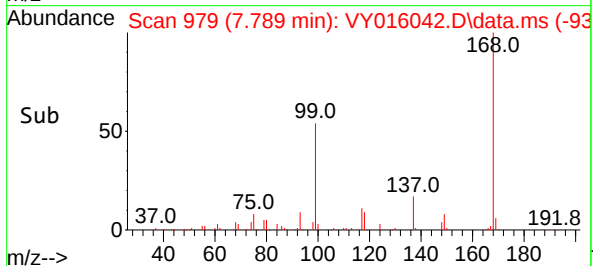
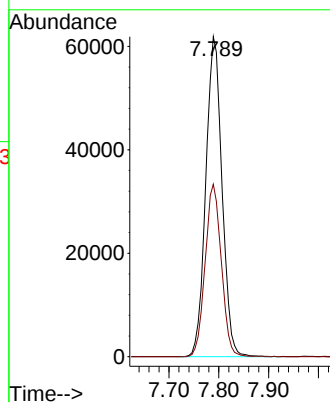
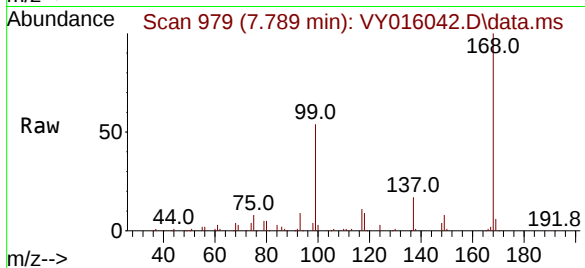




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

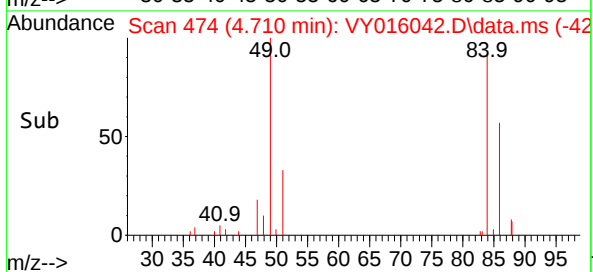
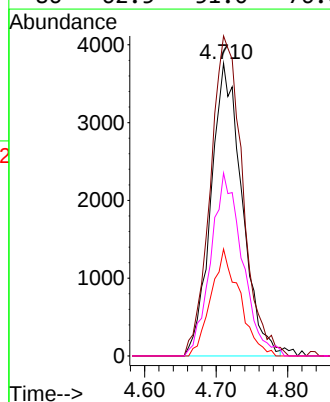
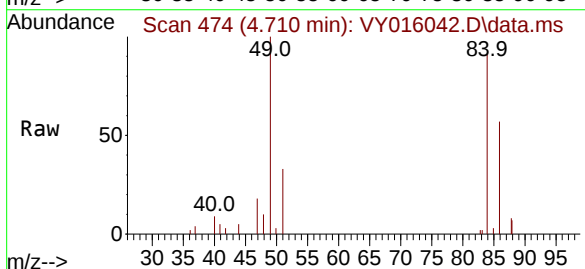
Instrument :
MSVOA_Y
ClientSampleId :
A-6(2-6)

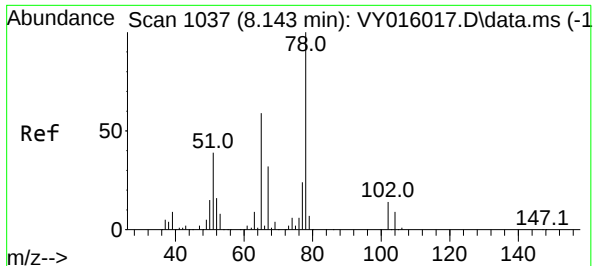
Tgt Ion:168 Resp: 139739
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 84 Resp: 11322
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 36.5 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.053 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY016042.D

Acq: 19 Oct 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

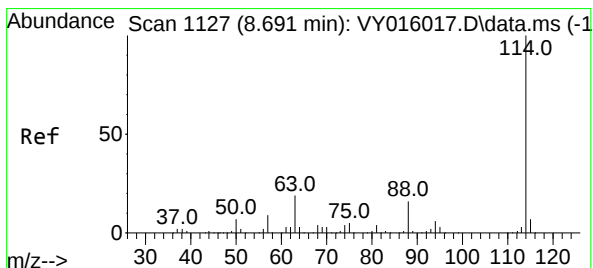
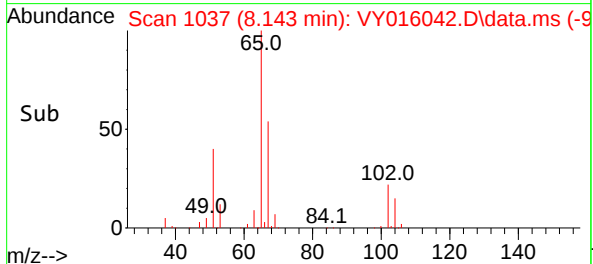
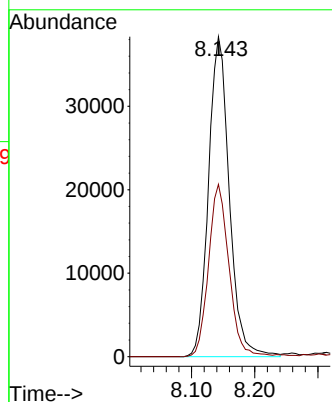
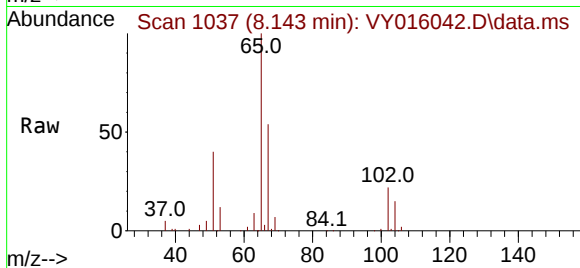
A-6(2-6)

Tgt Ion: 65 Resp: 87437

Ion Ratio Lower Upper

65 100

67 52.9 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: VY016042.D

Acq: 19 Oct 2023 17:09

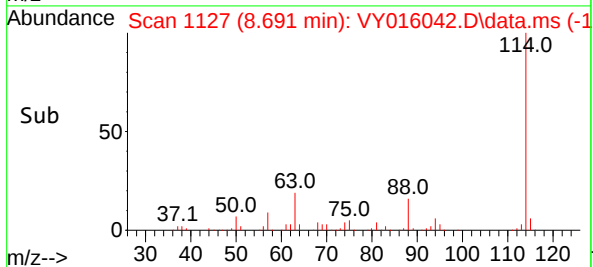
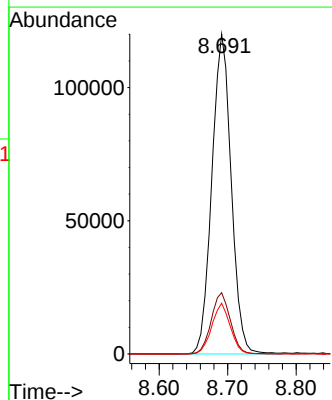
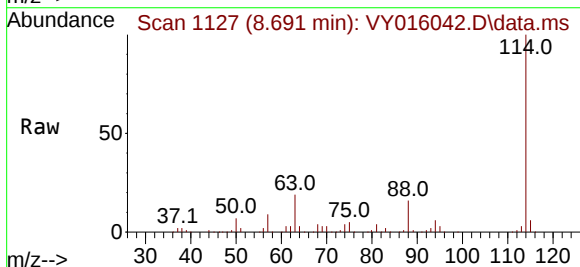
Tgt Ion: 114 Resp: 234997

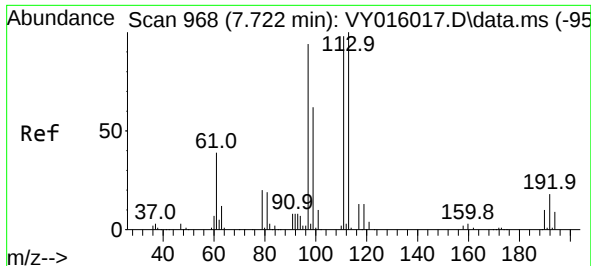
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.9 0.0 30.6



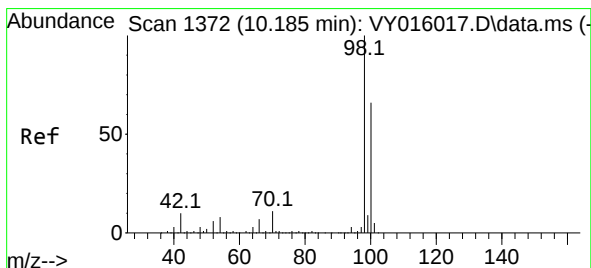
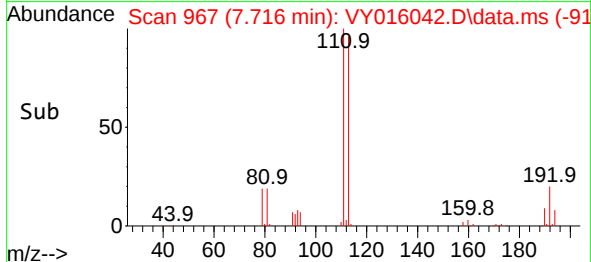
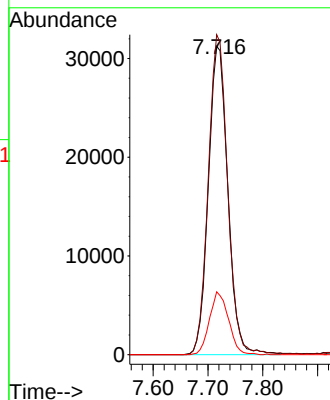
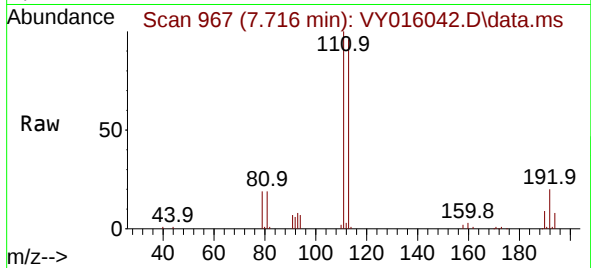


#35
 Dibromofluoromethane
 Concen: 49.858 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016042.D
 Acq: 19 Oct 2023 17:09

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

Tgt Ion:113 Resp: 77120

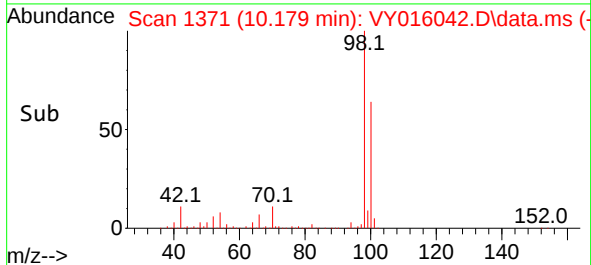
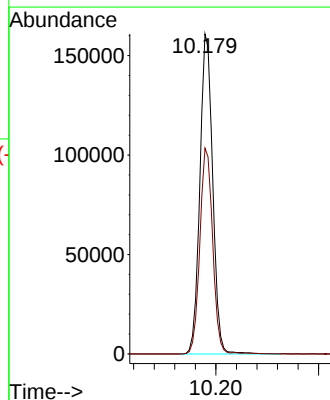
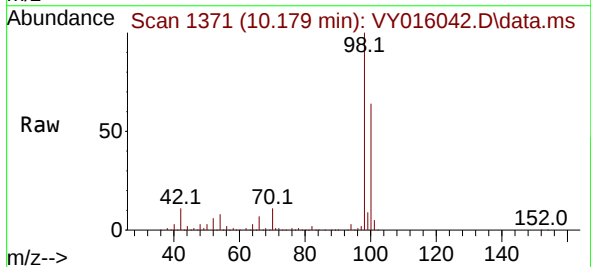
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	19.9	16.9	25.3

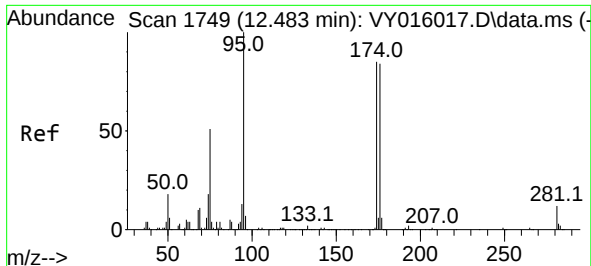


#50
 Toluene-d8
 Concen: 49.533 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY016042.D
 Acq: 19 Oct 2023 17:09

Tgt Ion: 98 Resp: 278260

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.1	75.1

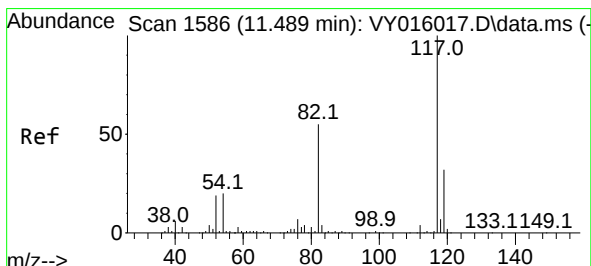
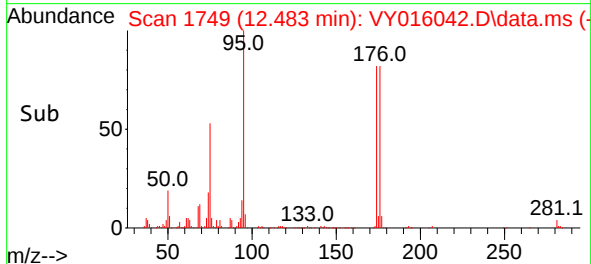
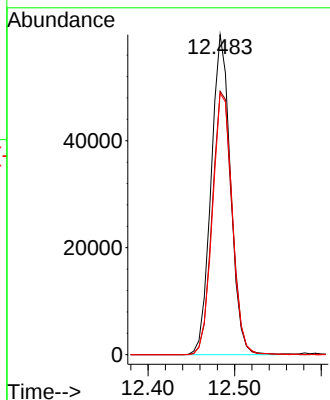
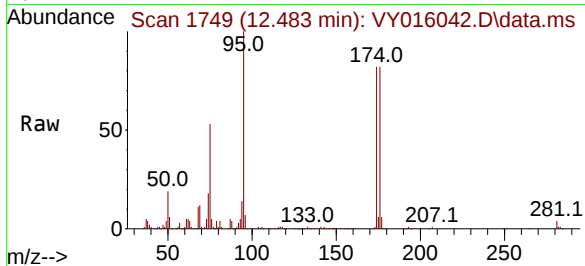




#62
4-Bromofluorobenzene
Concen: 46.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

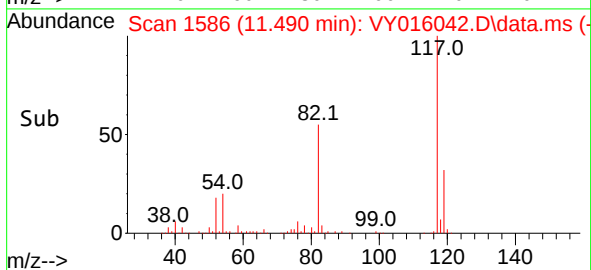
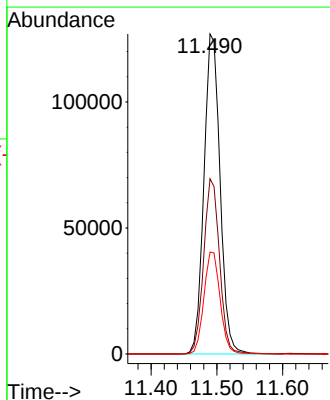
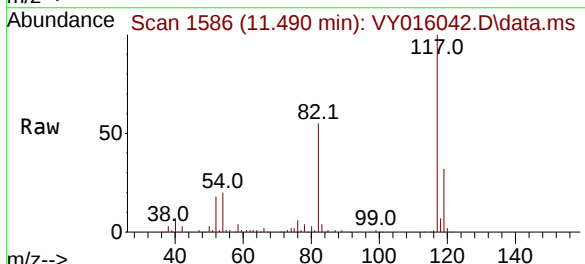
Instrument :
MSVOA_Y
ClientSampleId :
A-6(2-6)

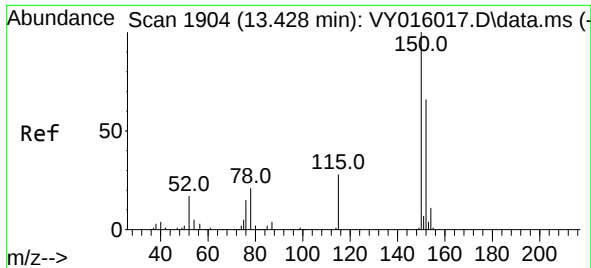
Tgt Ion:	95	Resp:	93258
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	178.2
176	83.2	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion:	117	Resp:	216698
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.0
119	31.8	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: VY016042.D

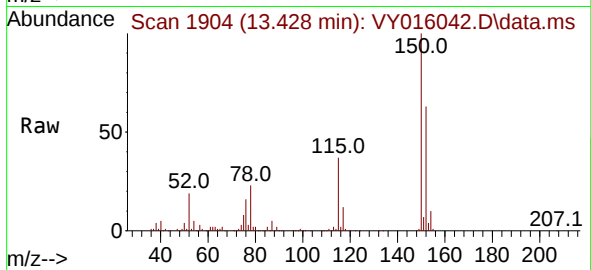
Acq: 19 Oct 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

A-6(2-6)



Tgt Ion:152 Resp: 100301

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 157.9 0.0 348.8

