

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013646.D
 Acq On : 08 May 2023 14:02
 Operator : KP/MD
 Sample : 02622-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2264

Quant Time: May 09 04:56:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

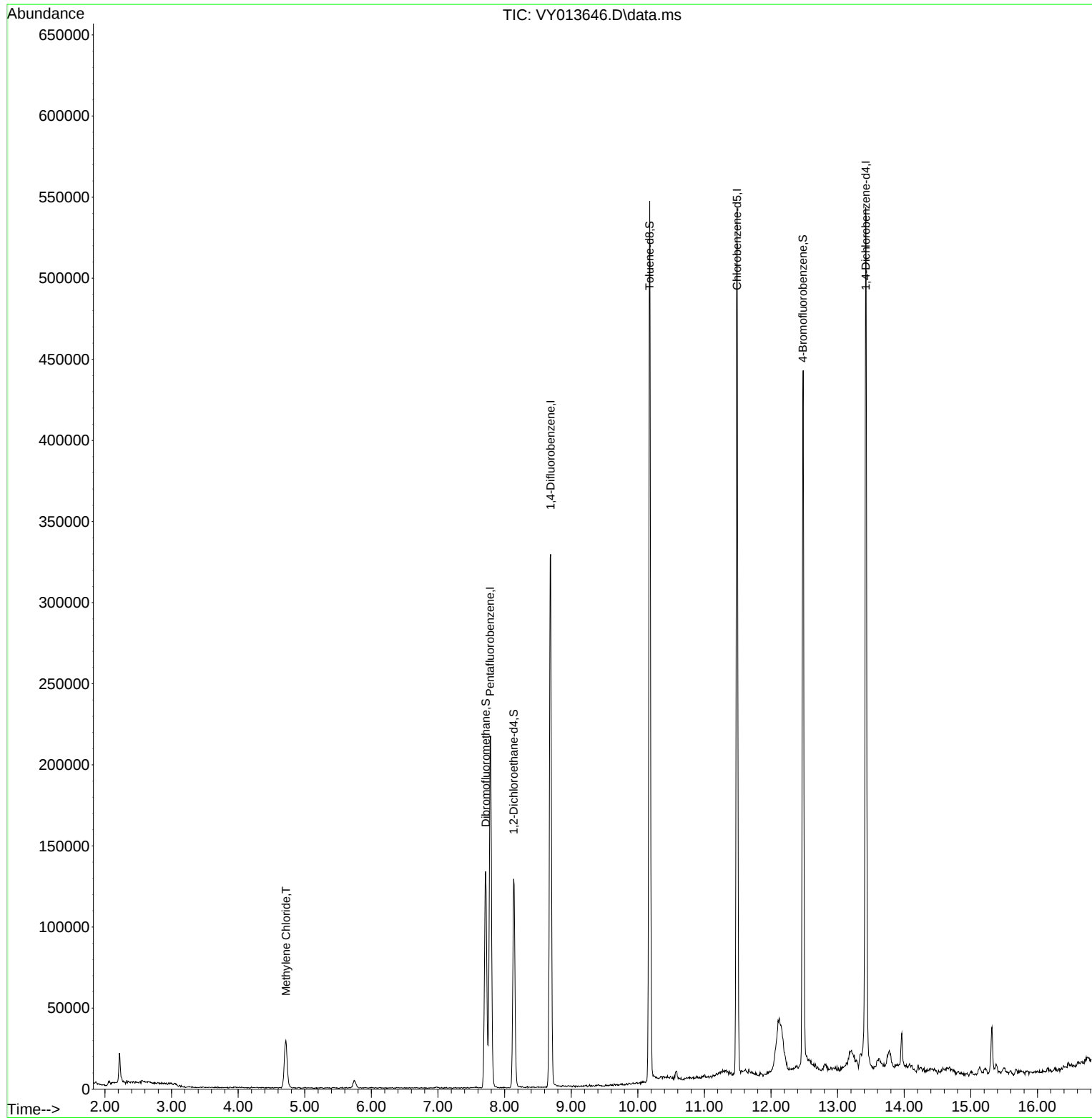
Internal Standards						
1) Pentafluorobenzene	7.783	168	173084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105530	55.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.240%
35) Dibromofluoromethane	7.716	113	93403	53.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.179	98	352490	56.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.480%
62) 4-Bromofluorobenzene	12.477	95	123943	58.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	21561	1.338	ug/l	88

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

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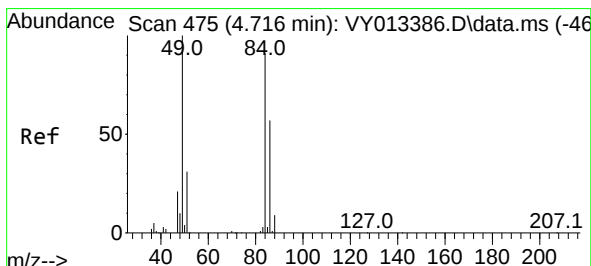
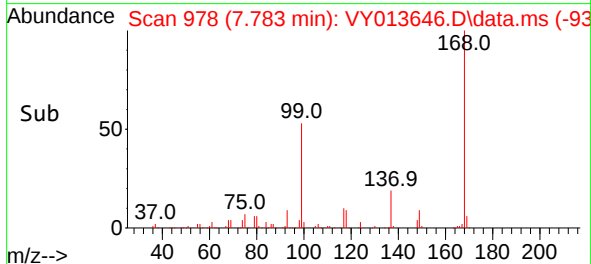
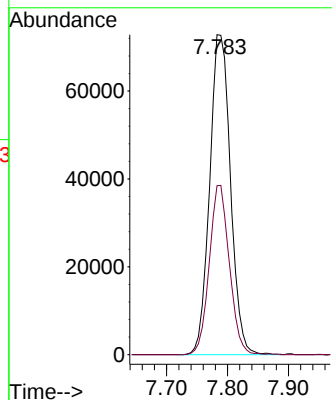
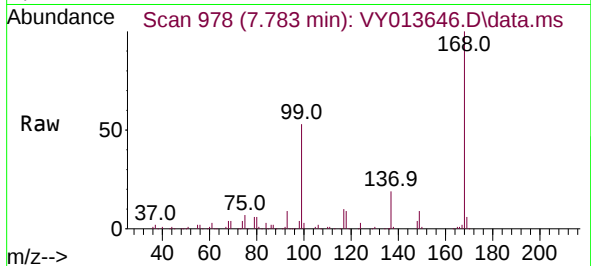




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

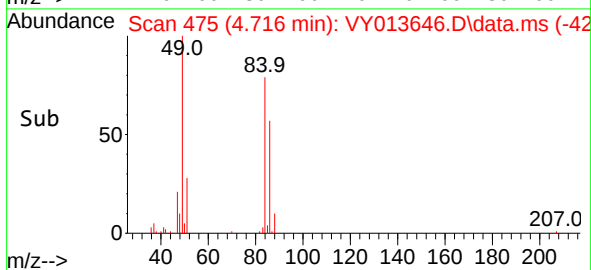
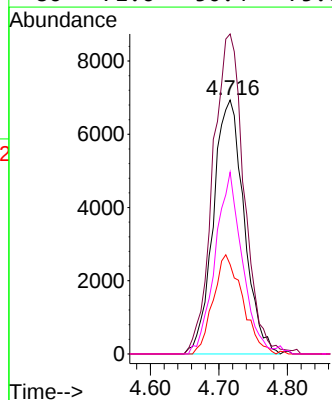
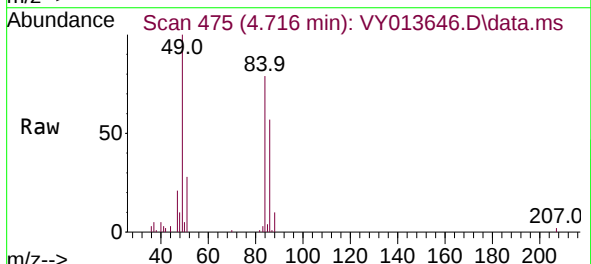
Instrument :
MSVOA_Y
ClientSampleId :
2264

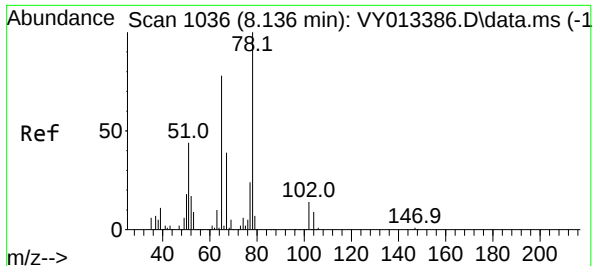
Tgt Ion:168 Resp: 173084
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#20
Methylene Chloride
Concen: 1.338 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 84 Resp: 21561
Ion Ratio Lower Upper
84 100
49 126.0 88.0 132.0
51 35.3 27.4 41.0
86 71.6 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 55.619 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013646.D

Acq: 08 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

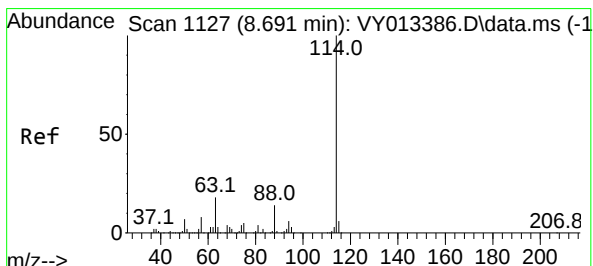
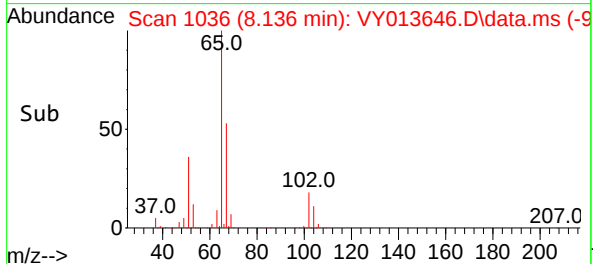
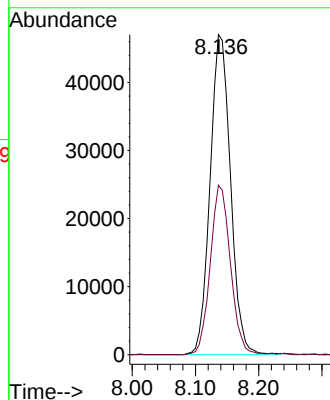
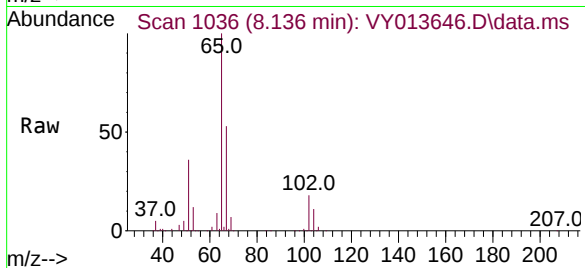
2264

Tgt Ion: 65 Resp: 105530

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013646.D

Acq: 08 May 2023 14:02

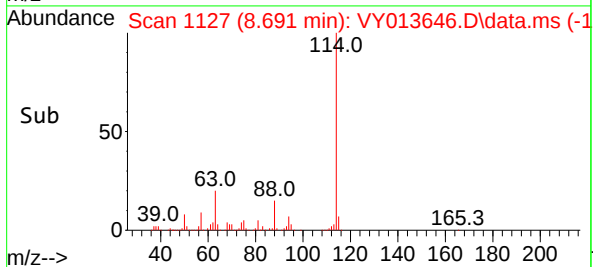
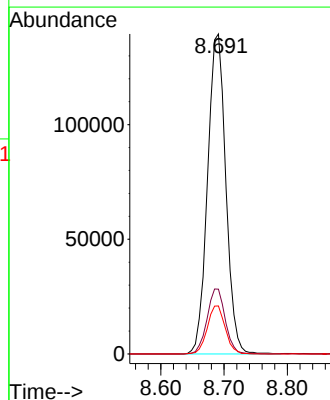
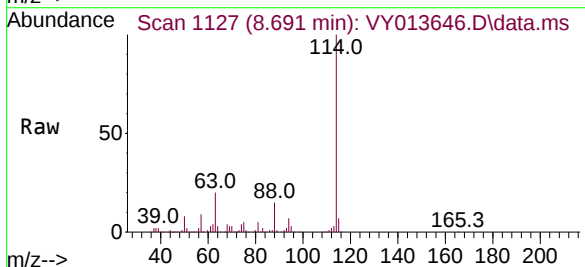
Tgt Ion: 114 Resp: 280134

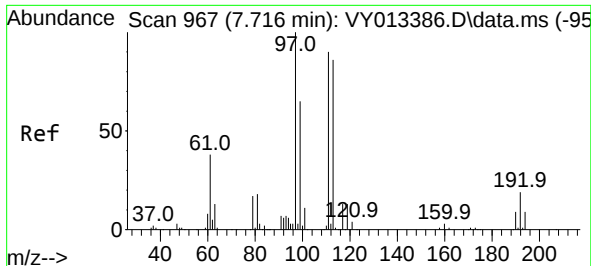
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.0 0.0 28.8

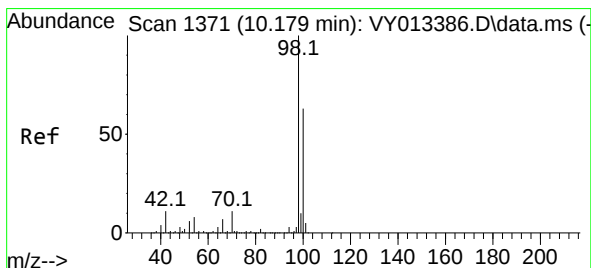
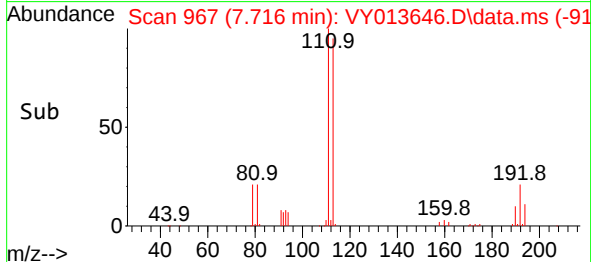
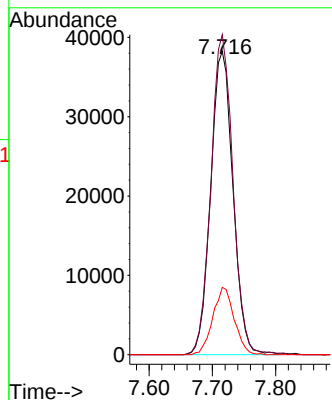
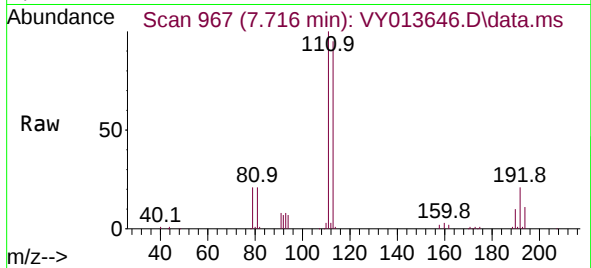




#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

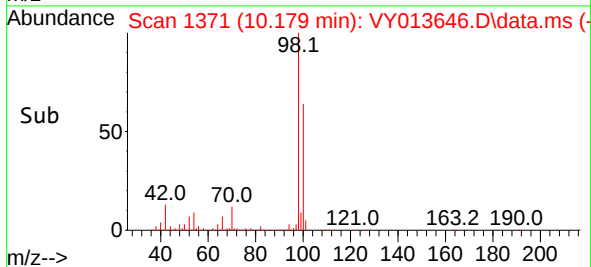
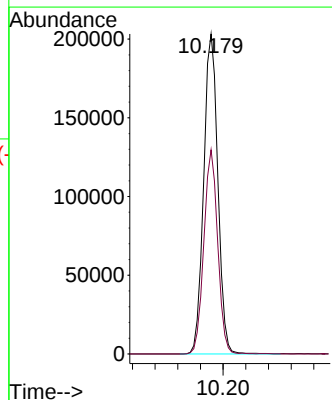
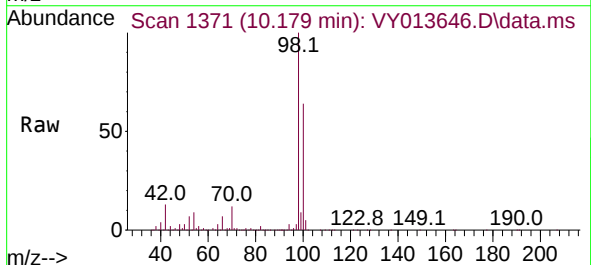
Instrument :
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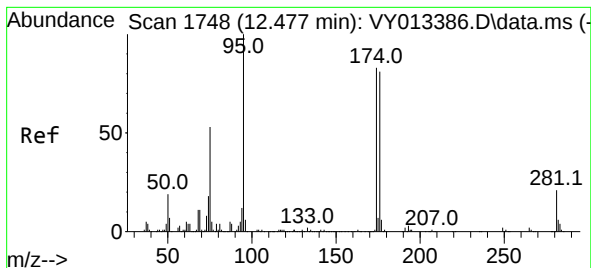
Tgt Ion:113 Resp: 93403
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 21.3 16.7 25.1



#50
Toluene-d8
Concen: 56.238 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 98 Resp: 352490
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

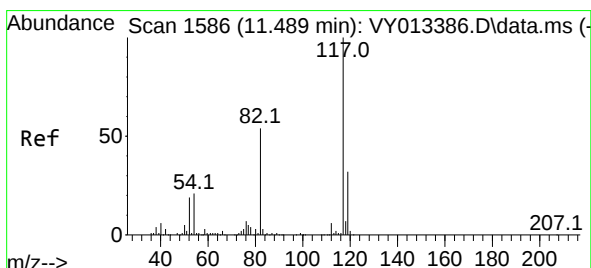
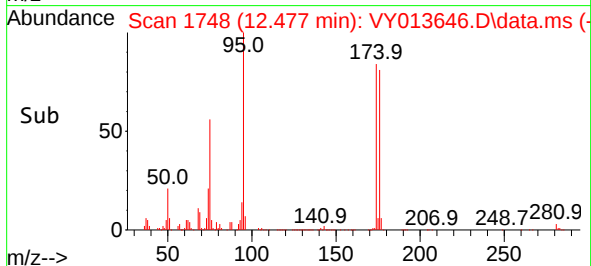
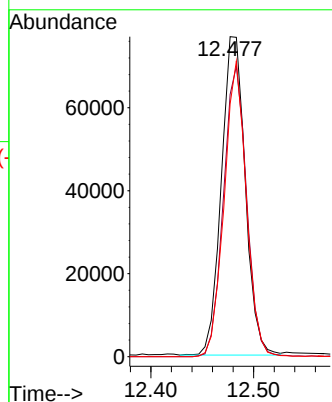
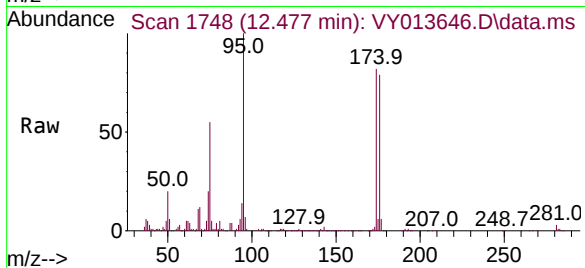




#62
4-Bromofluorobenzene
Concen: 58.656 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

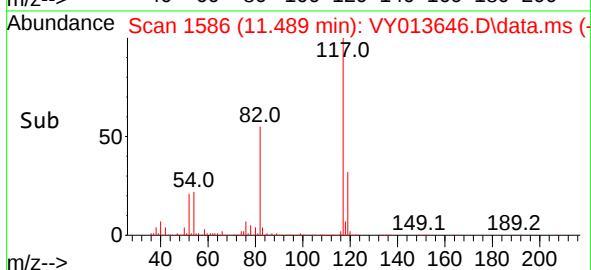
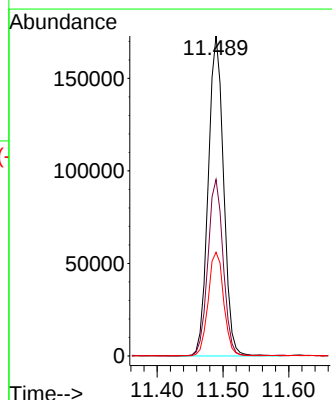
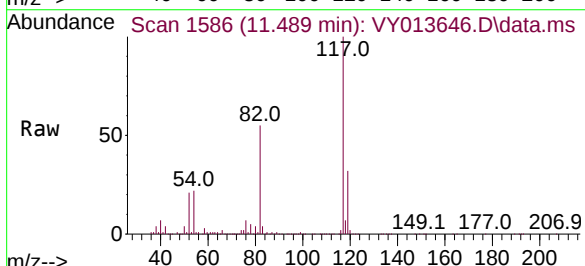
Instrument :
MSVOA_Y
ClientSampleId :
2264

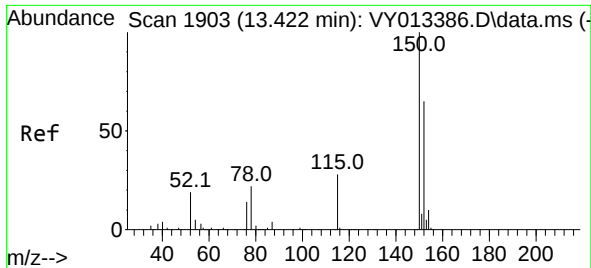
Tgt Ion: 95 Resp: 123943
Ion Ratio Lower Upper
95 100
174 88.6 0.0 182.0
176 86.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013646.D
Acq: 08 May 2023 14:02

Tgt Ion: 117 Resp: 280907
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.6
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013646.D

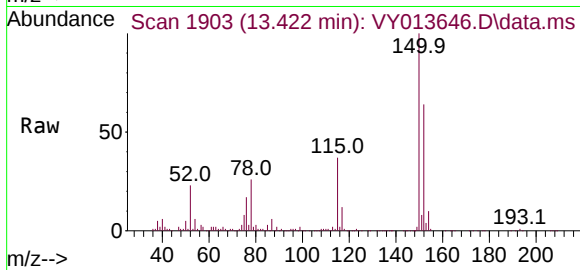
Acq: 08 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

2264



Tgt Ion:152 Resp: 133168

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 155.6 0.0 352.0

