

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013712.D
 Acq On : 11 May 2023 13:03
 Operator : KP/MD
 Sample : 02721-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: May 12 04:41:19 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)

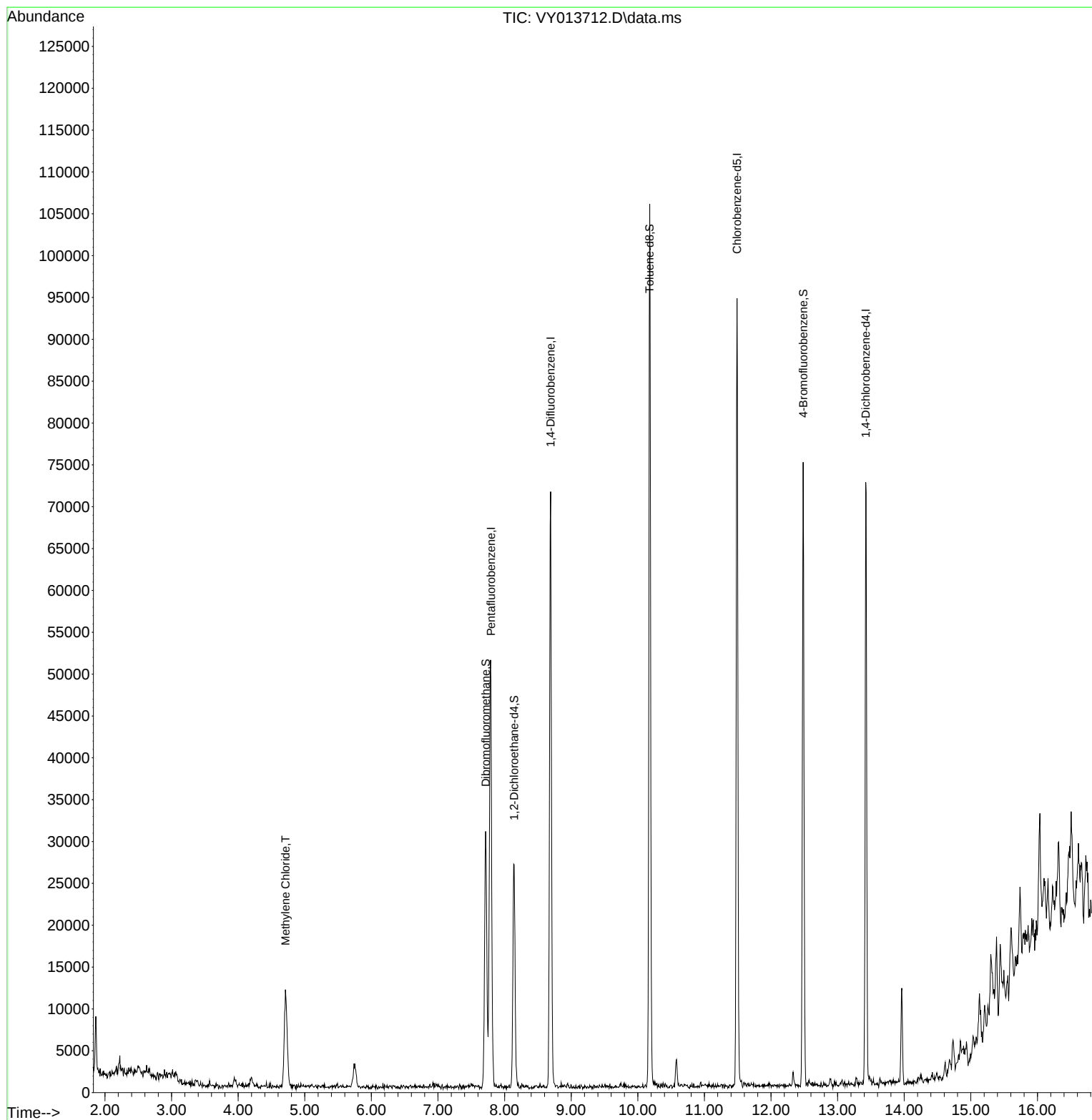
Internal Standards						
1) Pentafluorobenzene	7.795	168	40820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	59402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22690	50.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.420%	
35) Dibromofluoromethane	7.716	113	20332	54.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.179	98	71174	53.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	12.483	95	17589	39.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.520%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	7942	7.512	ug/l	# 82

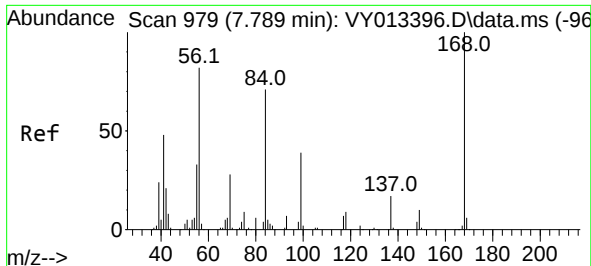
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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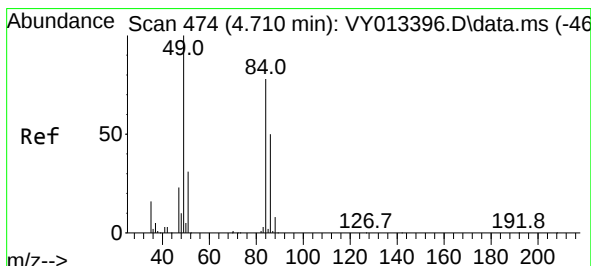
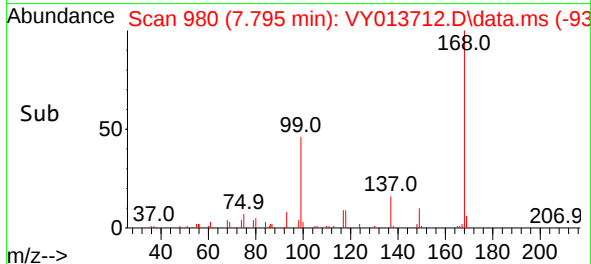
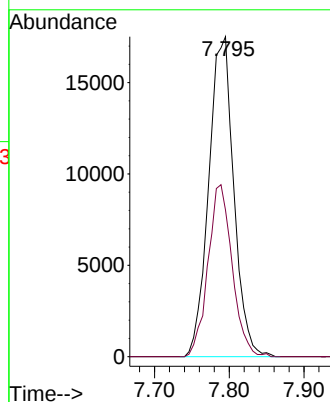
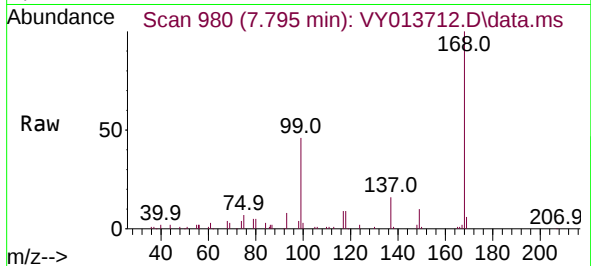




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

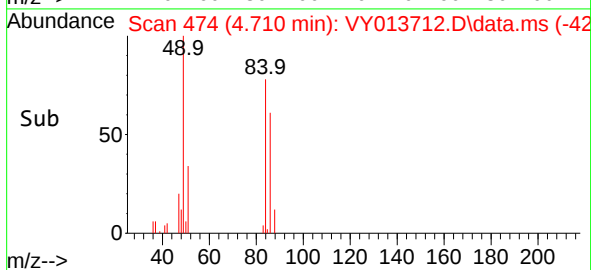
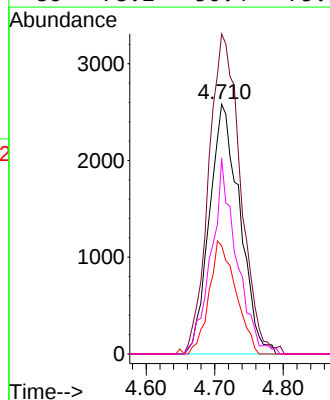
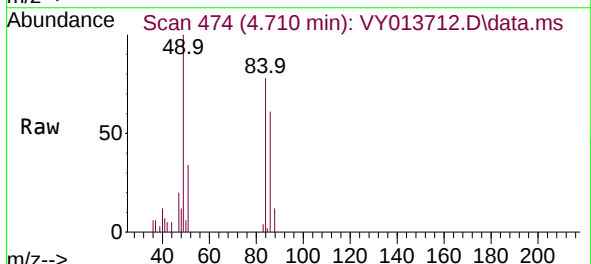
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

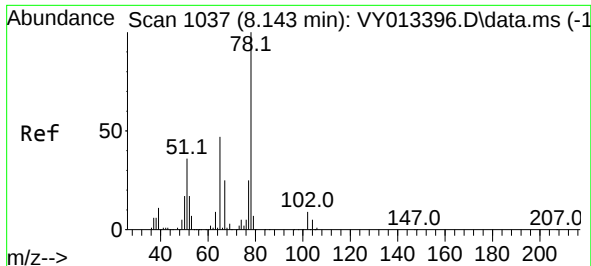
Tgt Ion:168 Resp: 40820
Ion Ratio Lower Upper
168 100
99 45.9 41.8 62.6



#20
Methylene Chloride
Concen: 7.512 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

Tgt Ion: 84 Resp: 7942
Ion Ratio Lower Upper
84 100
49 128.1 88.0 132.0
51 43.4 27.4 41.0#
86 78.2 50.4 75.6#





#33

1,2-Dichloroethane-d4

Concen: 50.706 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013712.D

Acq: 11 May 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

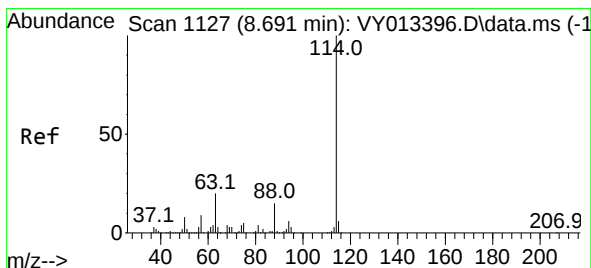
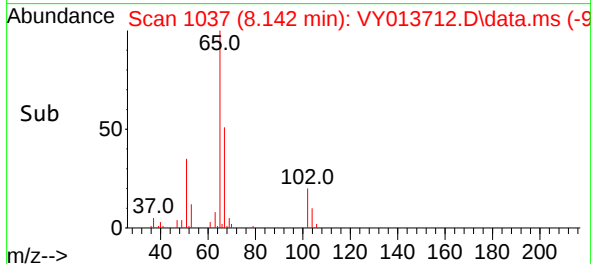
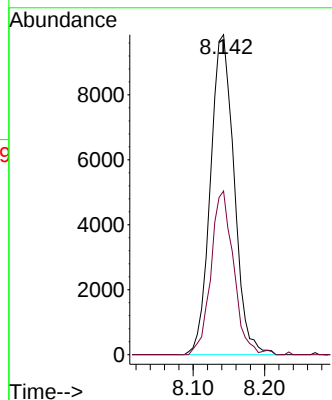
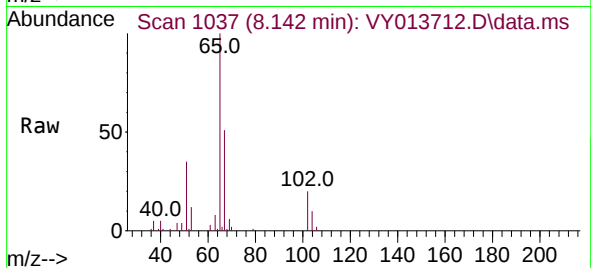
WC-1

Tgt Ion: 65 Resp: 22690

Ion Ratio Lower Upper

65 100

67 48.6 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: VY013712.D

Acq: 11 May 2023 13:03

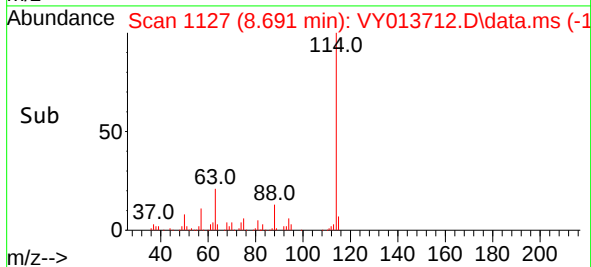
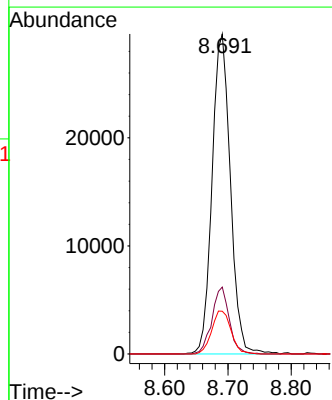
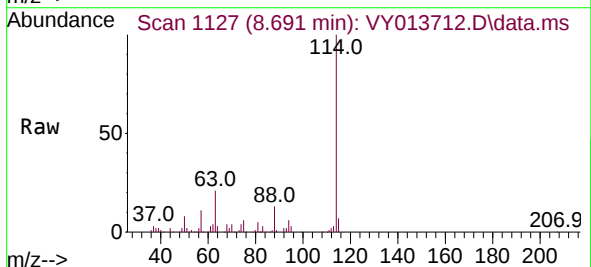
Tgt Ion: 114 Resp: 59402

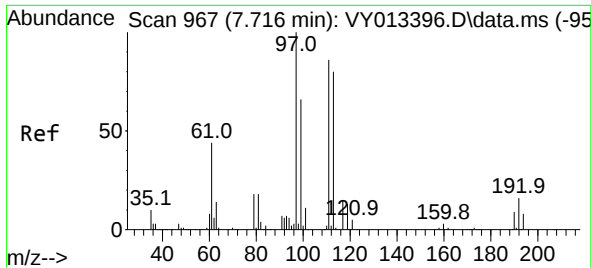
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 13.3 0.0 28.8

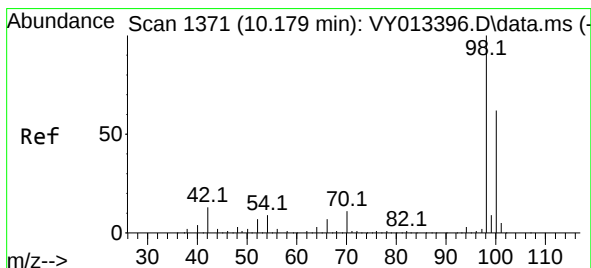
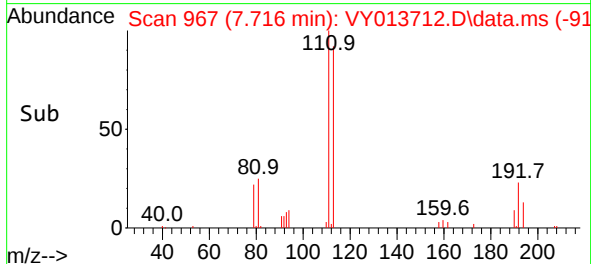
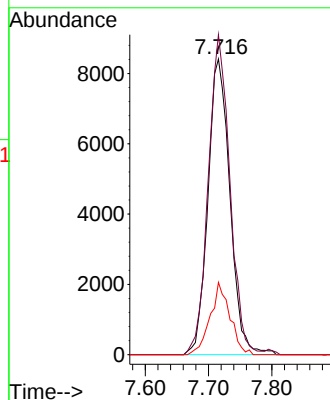
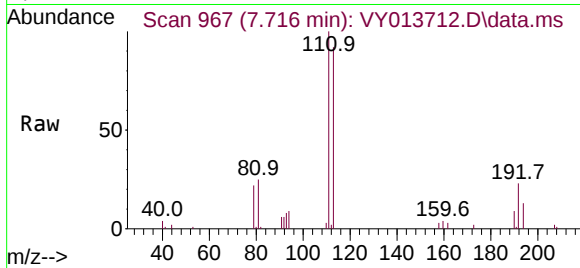




#35
Dibromofluoromethane
Concen: 54.420 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

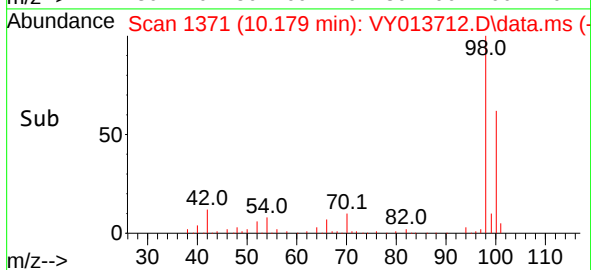
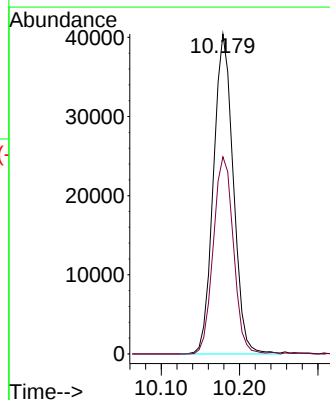
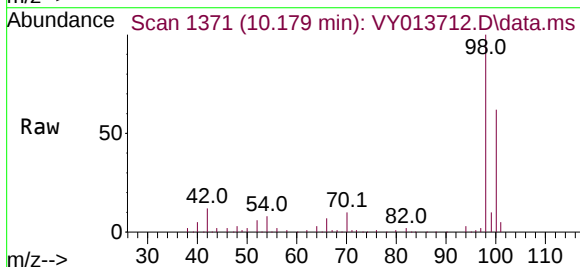
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

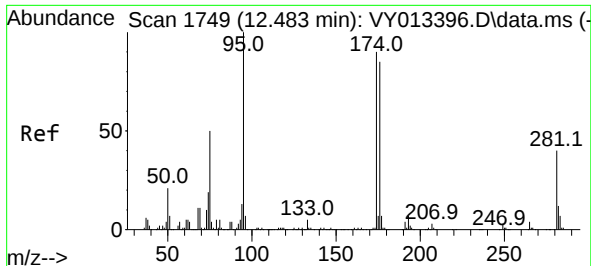
Tgt Ion:113 Resp: 20332
Ion Ratio Lower Upper
113 100
111 106.3 82.2 123.2
192 22.0 16.7 25.1



#50
Toluene-d8
Concen: 53.551 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

Tgt Ion: 98 Resp: 71174
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7

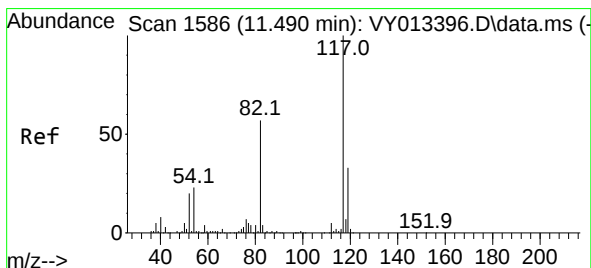
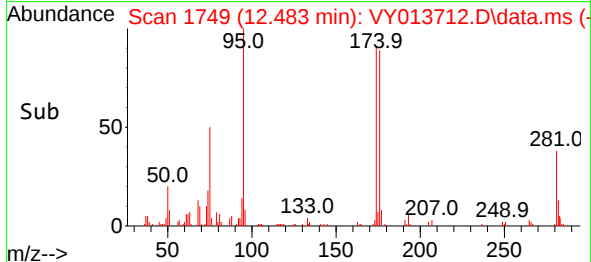
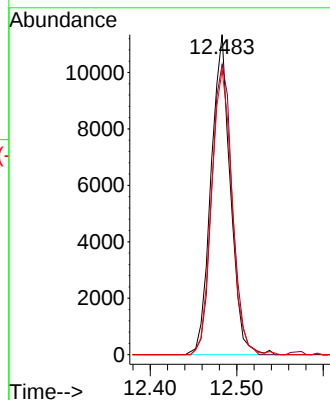
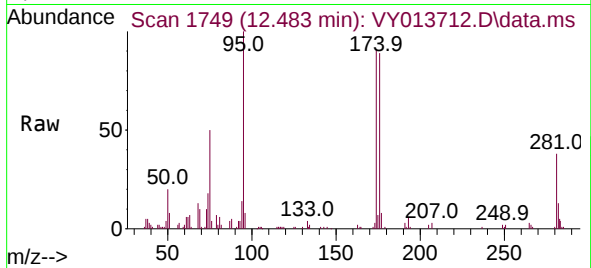




#62
4-Bromofluorobenzene
Concen: 39.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

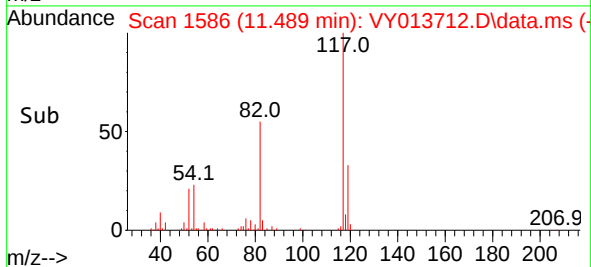
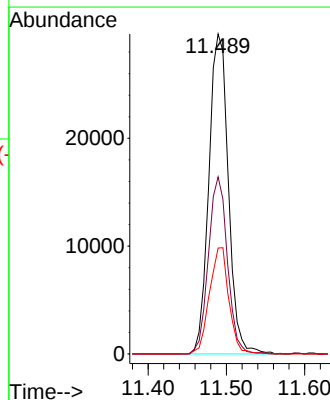
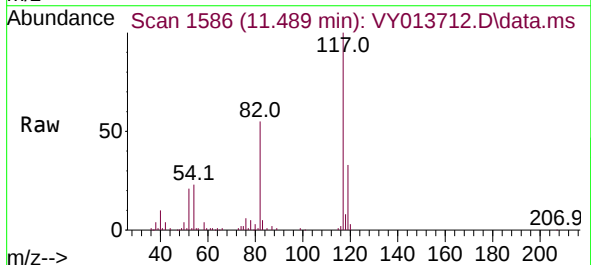
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

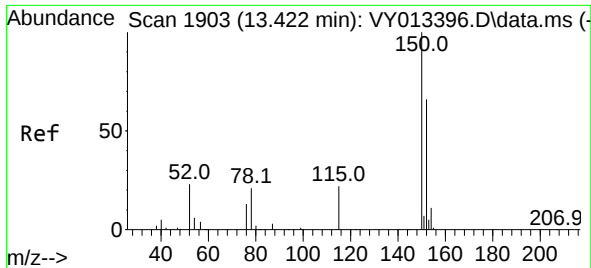
Tgt Ion: 95 Resp: 17589
Ion Ratio Lower Upper
95 100
174 96.2 0.0 182.0
176 94.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013712.D
Acq: 11 May 2023 13:03

Tgt Ion: 117 Resp: 51232
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 33.1 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: VY013712.D

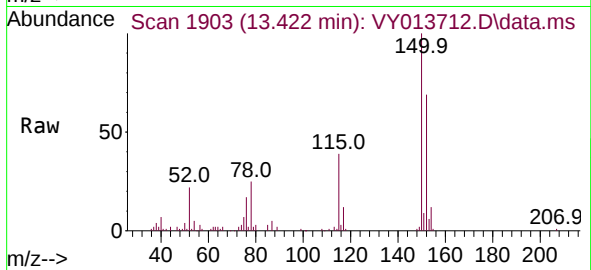
Acq: 11 May 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 19285

Ion Ratio Lower Upper

152 100

115 58.5 28.1 84.2

150 157.0 0.0 352.0

