

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010250.D
 Acq On : 31 Aug 2022 17:04
 Operator : KP/MD
 Sample : N4375-03
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Aug 31 23:41:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

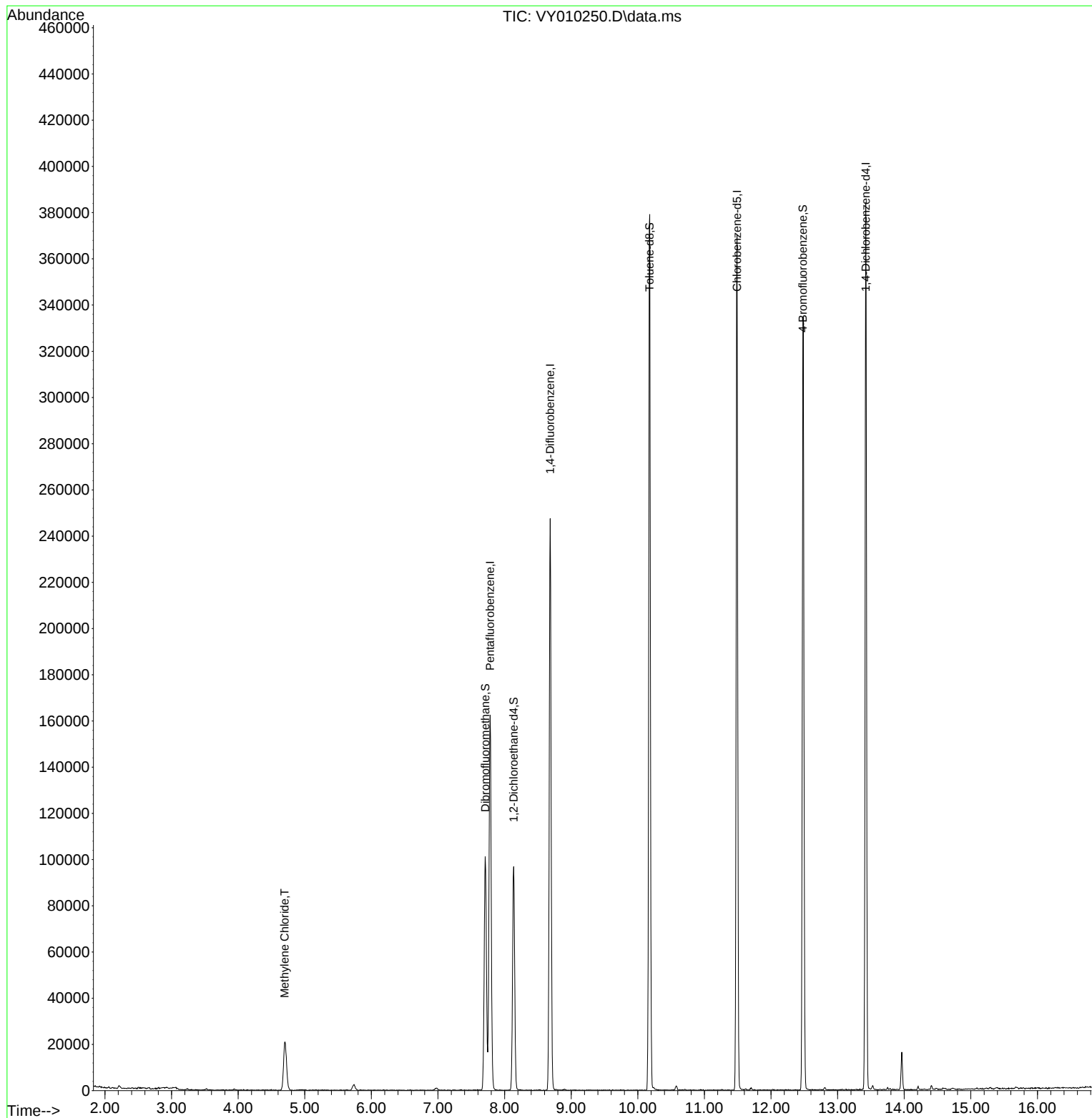
Internal Standards						
1) Pentafluorobenzene	7.783	168	136685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78034	67.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.840%
35) Dibromofluoromethane	7.710	113	71746	55.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.560%
50) Toluene-d8	10.179	98	259831	54.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.477	95	88297	49.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.240%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	17108	12.007	ug/l #	76

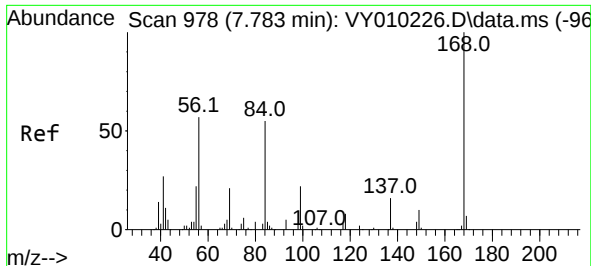
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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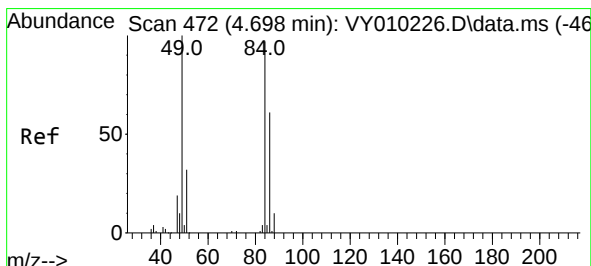
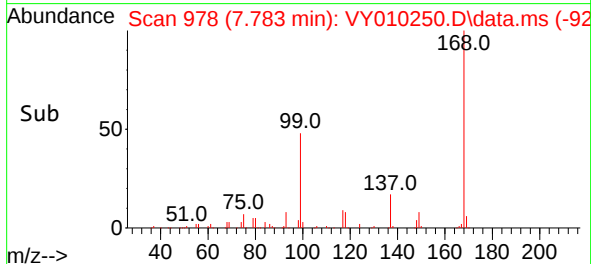
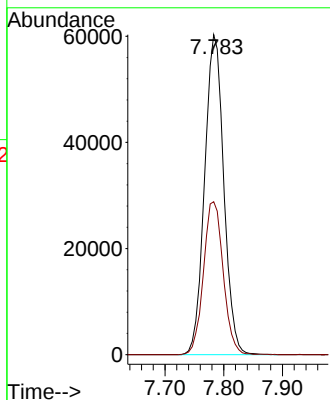
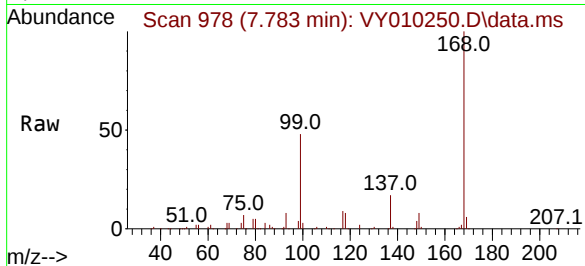




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

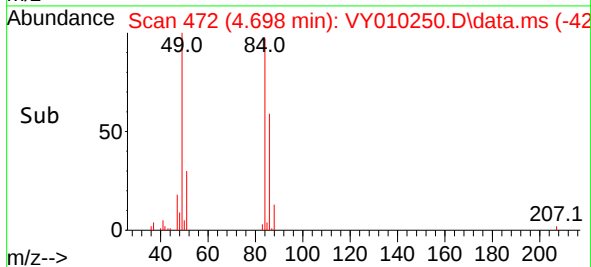
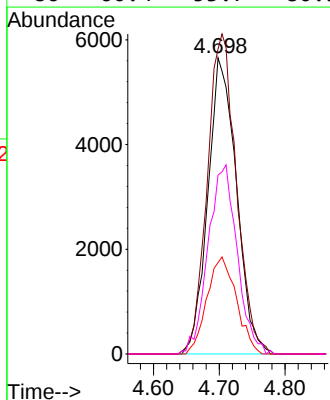
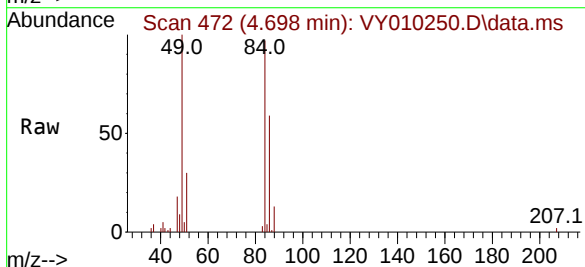
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

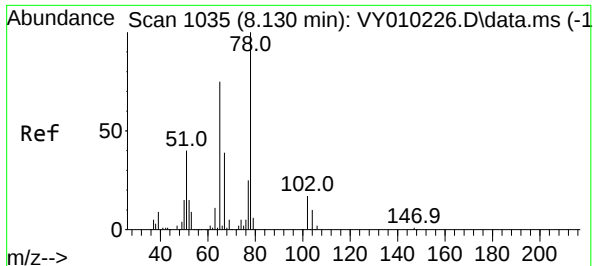
Tgt Ion:168 Resp: 136685
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#20
Methylene Chloride
Concen: 12.007 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 84 Resp: 17108
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 30.9 35.3 52.9#
86 60.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.422 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010250.D

Acq: 31 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

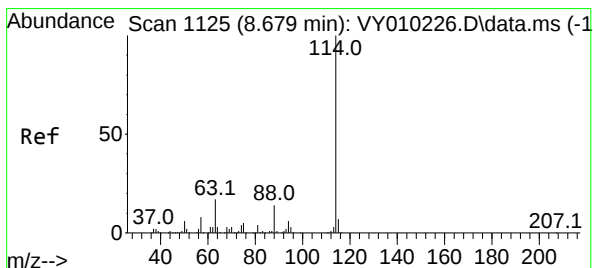
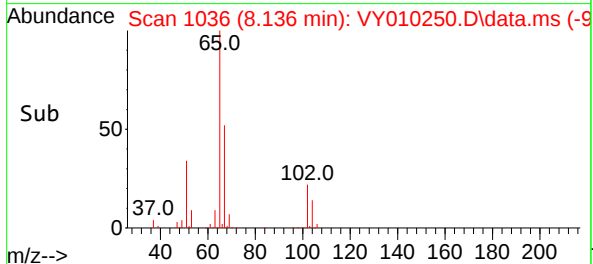
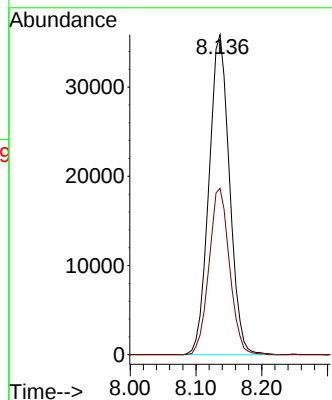
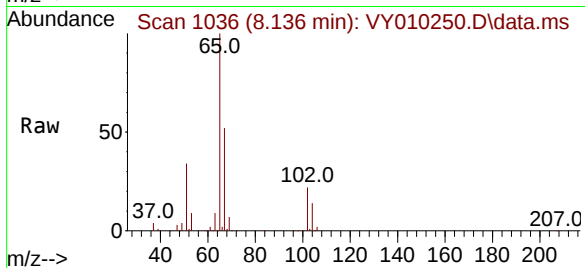
WC-3

Tgt Ion: 65 Resp: 78034

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010250.D

Acq: 31 Aug 2022 17:04

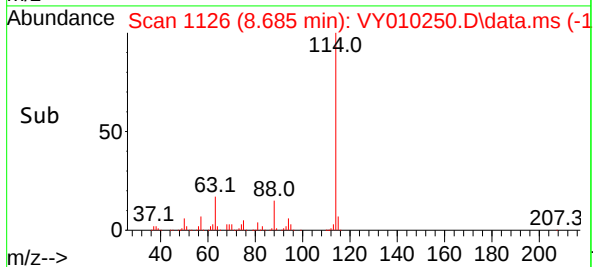
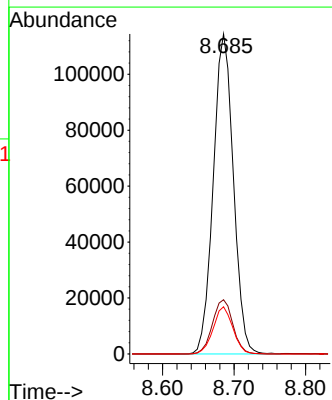
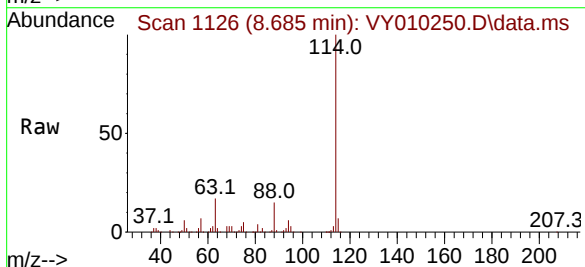
Tgt Ion: 114 Resp: 223331

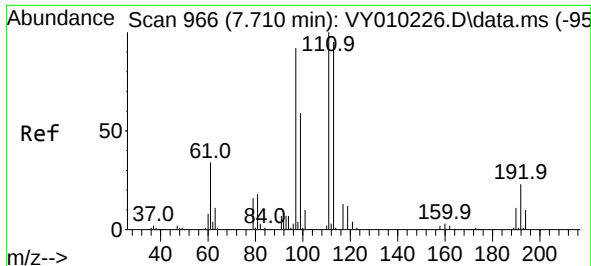
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.7 0.0 31.8

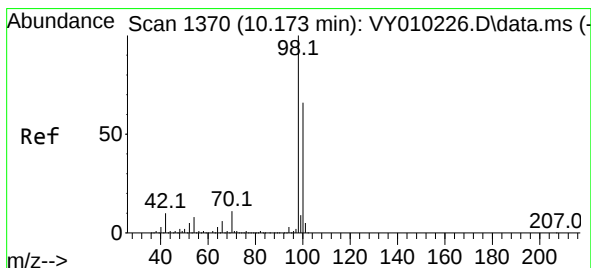
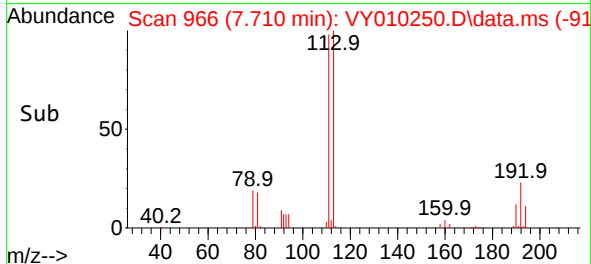
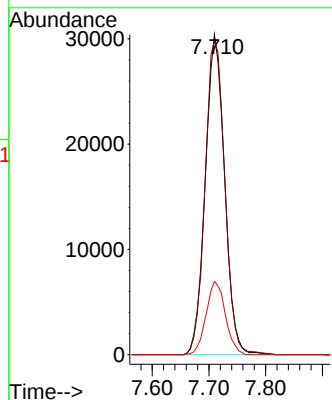
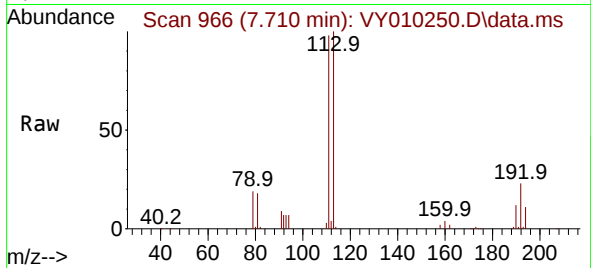




#35
Dibromofluoromethane
Concen: 55.784 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

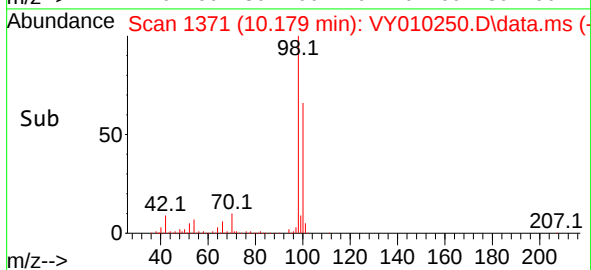
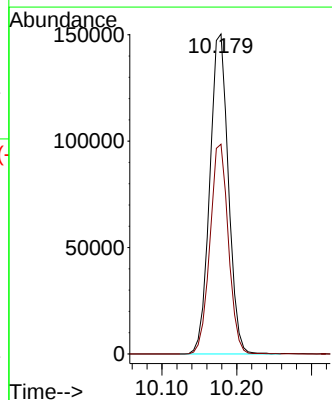
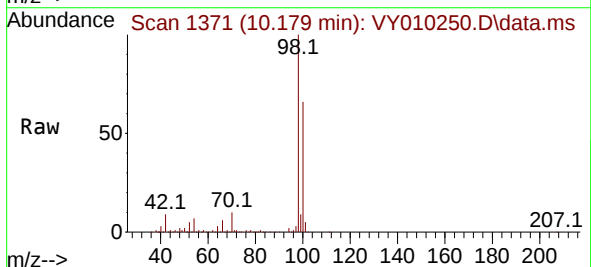
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

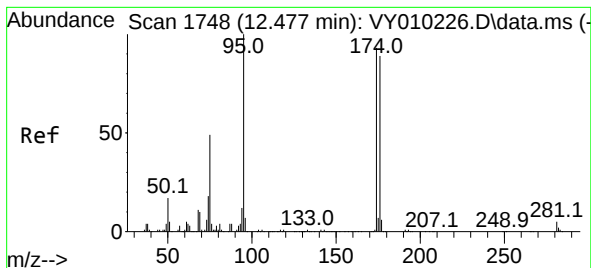
Tgt Ion:113 Resp: 71746
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 22.9 17.6 26.4



#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 98 Resp: 259831
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

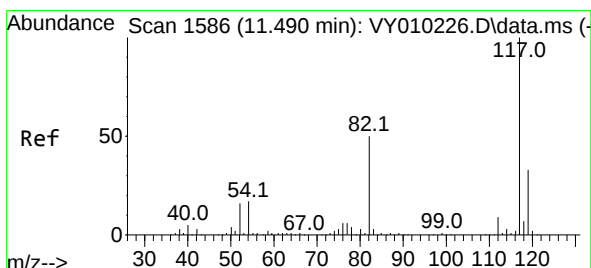
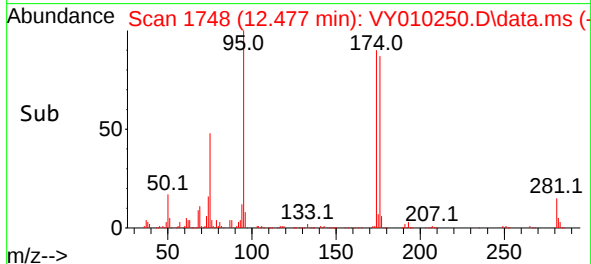
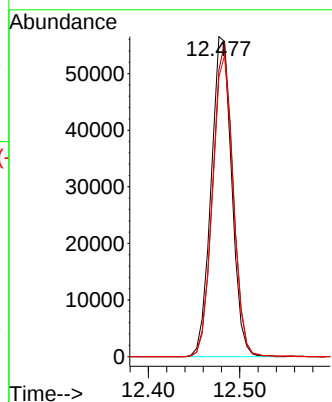
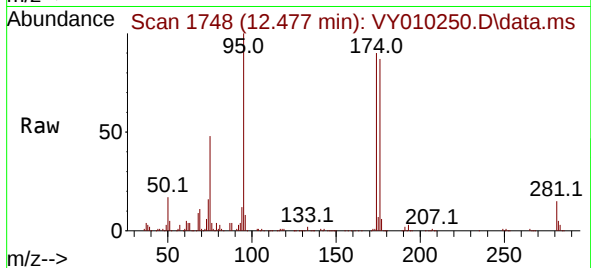




#62
4-Bromofluorobenzene
Concen: 49.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

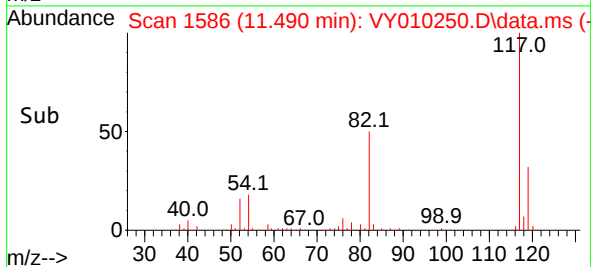
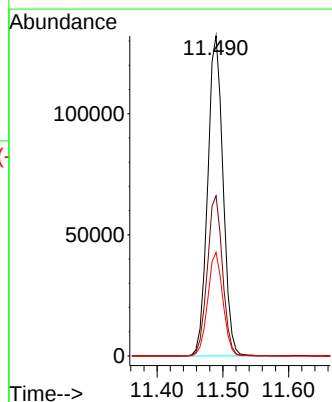
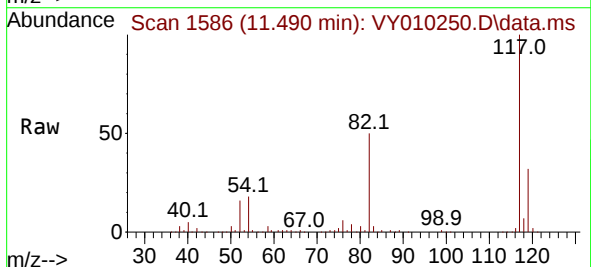
Instrument :
MSVOA_Y
ClientSampleId :
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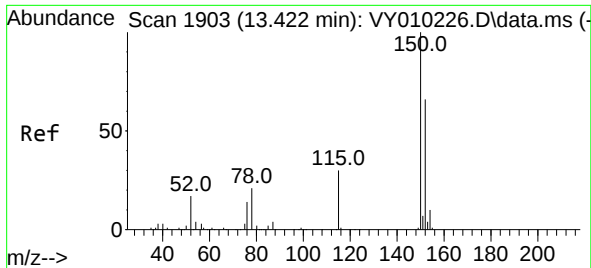
Tgt Ion: 95 Resp: 88297
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 94.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 117 Resp: 214402
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010250.D

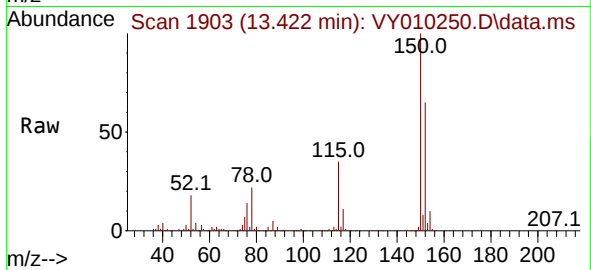
Acq: 31 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-3



Tgt Ion:152 Resp: 106387

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 155.2 0.0 347.6

