

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011365.D
 Acq On : 08 Nov 2022 16:26
 Operator : KP/MD
 Sample : N5415-13
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-26

Quant Time: Nov 08 17:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

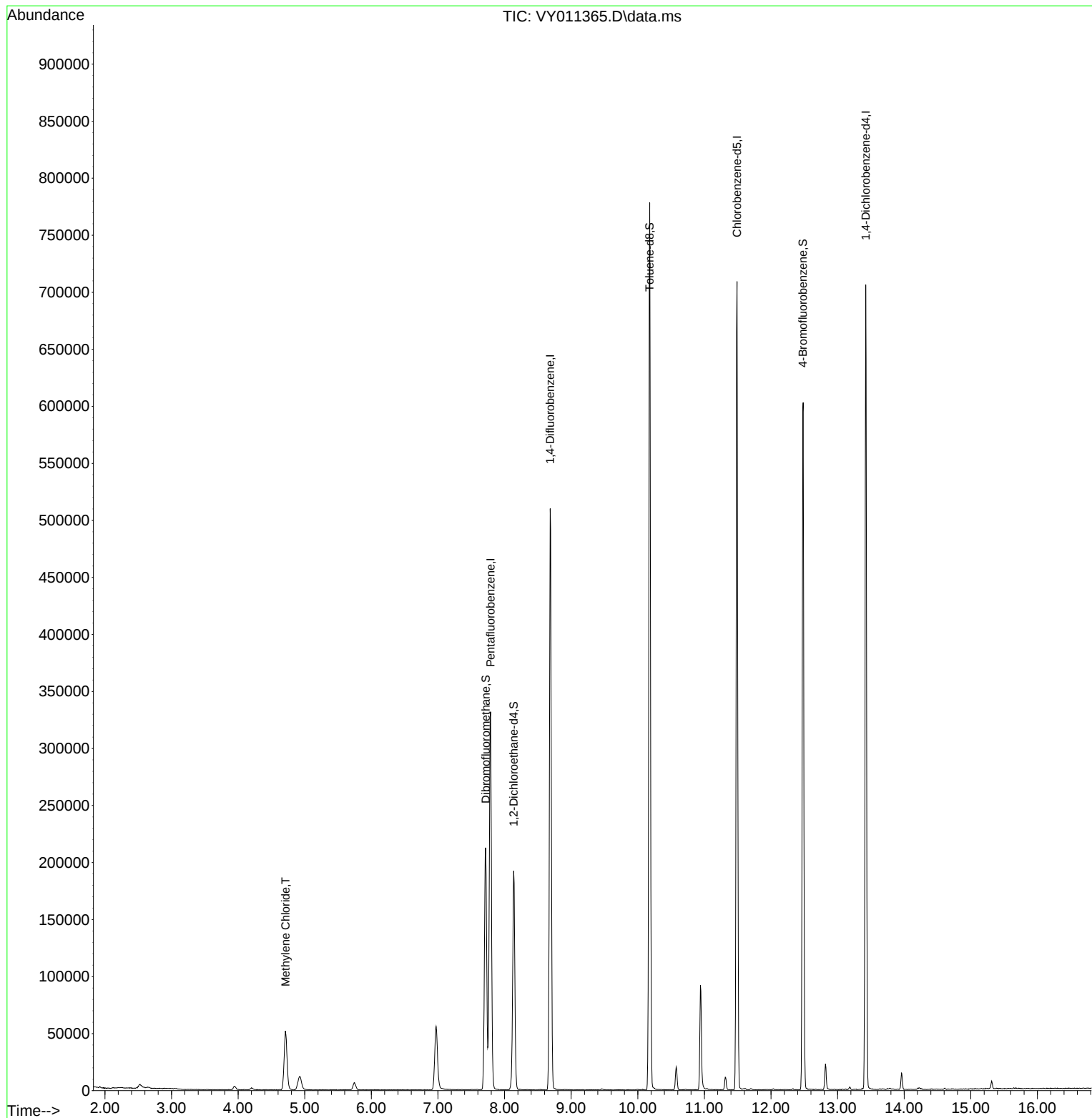
Internal Standards						
1) Pentafluorobenzene	7.789	168	268505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	450036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	408308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143776	50.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.716	113	156854	54.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.179	98	525569	46.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.477	95	184414	47.318	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.640%	
Target Compounds						
20) Methylene Chloride	4.710	84	41223	7.337	ug/l	Qvalue # 81

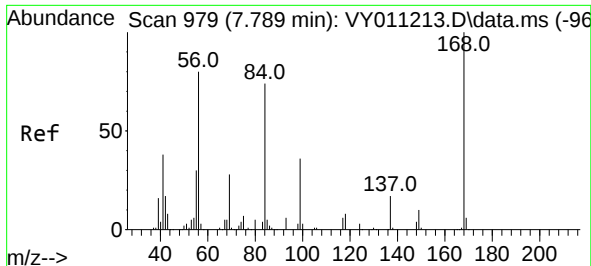
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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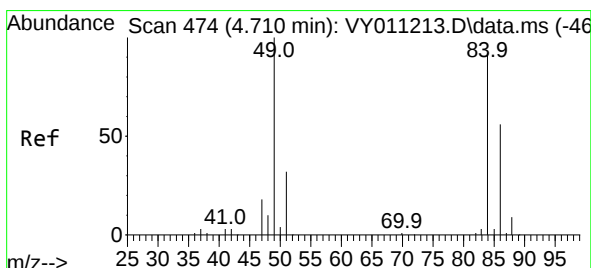
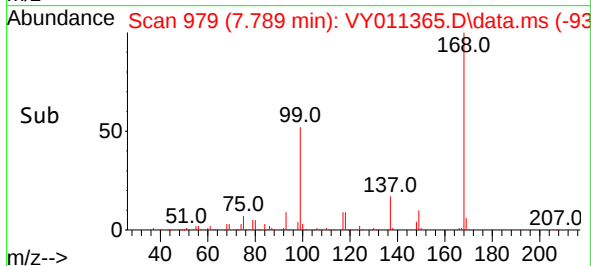
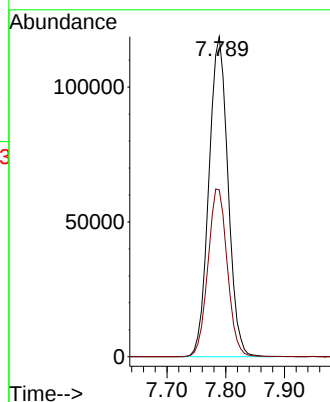
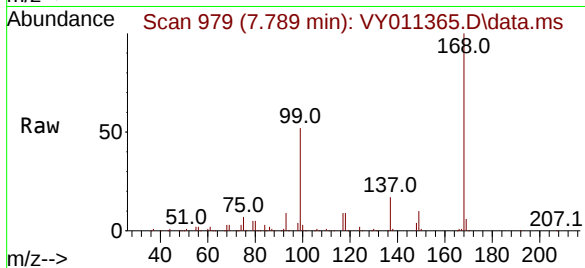




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

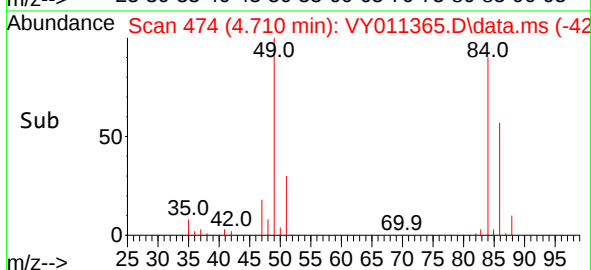
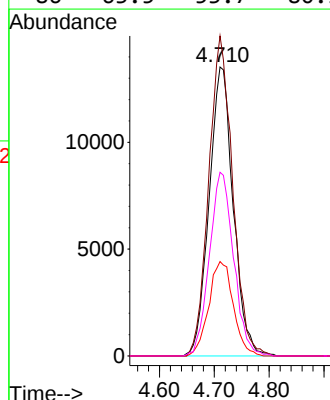
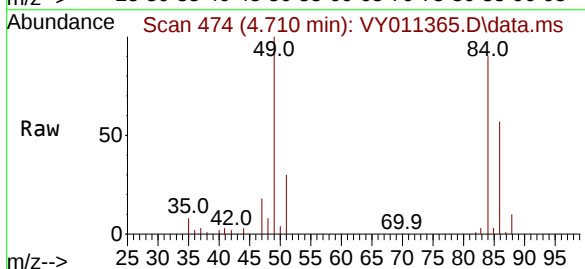
Instrument :
MSVOA_Y
ClientSampleId :
R-26

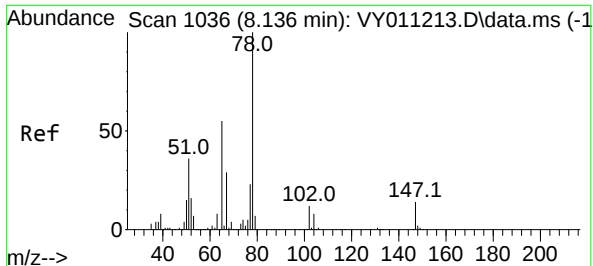
Tgt Ion:168 Resp: 268505
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#20
Methylene Chloride
Concen: 7.337 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 84 Resp: 41223
Ion Ratio Lower Upper
84 100
49 110.7 114.4 171.6#
51 32.7 35.3 52.9#
86 63.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.067 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011365.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

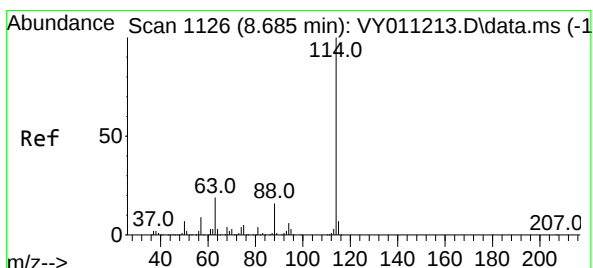
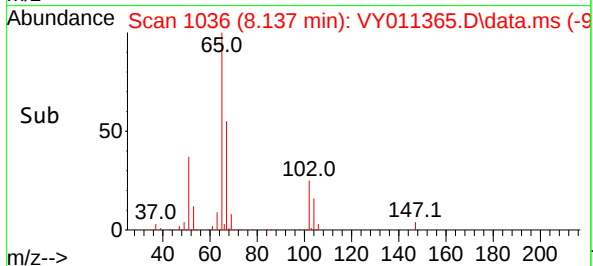
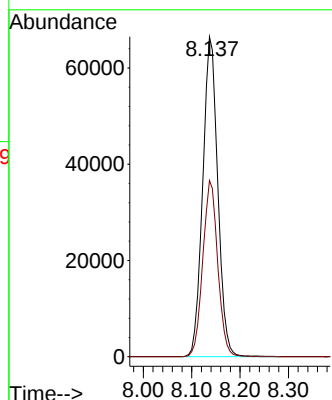
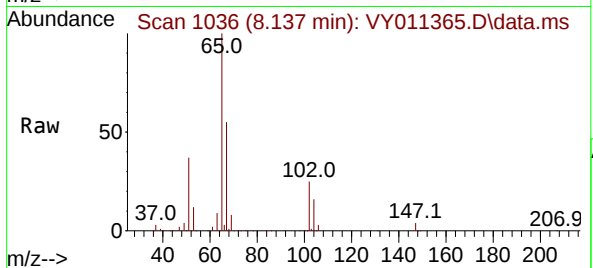
R-26

Tgt Ion: 65 Resp: 143776

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011365.D

Acq: 08 Nov 2022 16:26

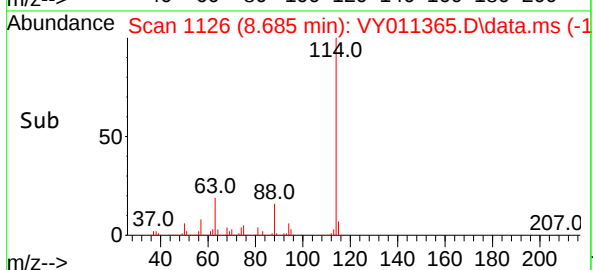
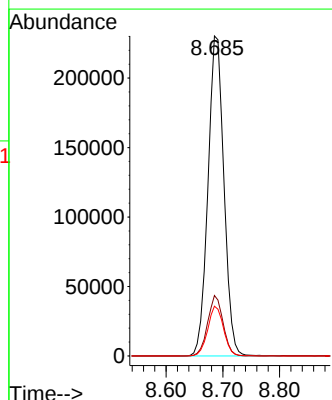
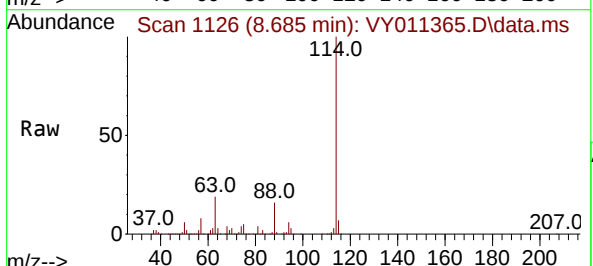
Tgt Ion: 114 Resp: 450036

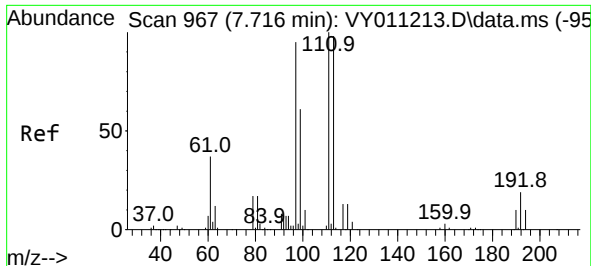
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.6 0.0 31.8

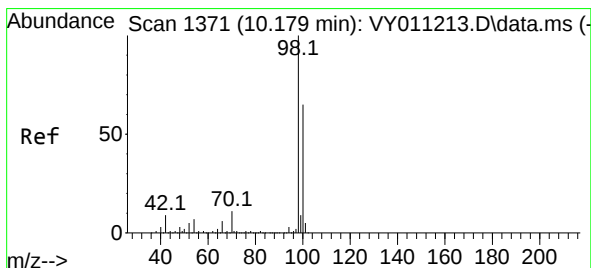
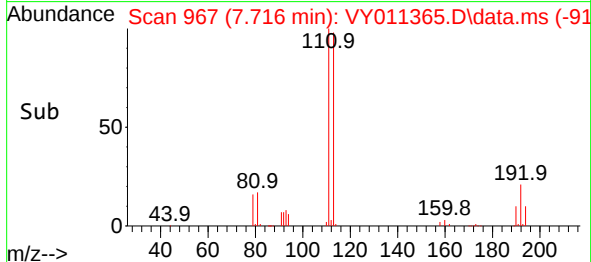
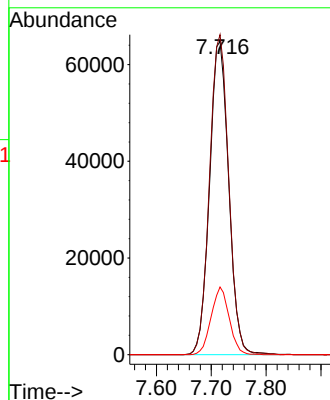
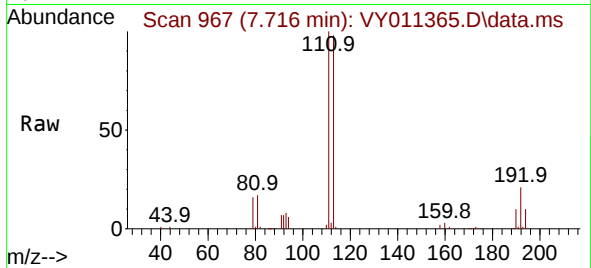




#35
Dibromofluoromethane
Concen: 54.247 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

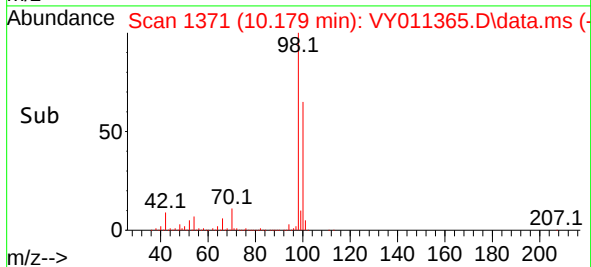
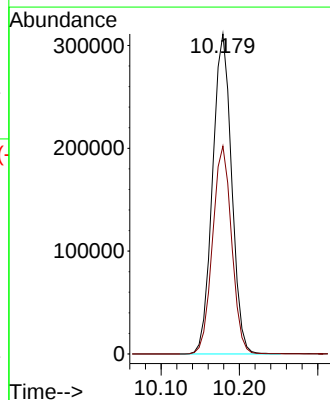
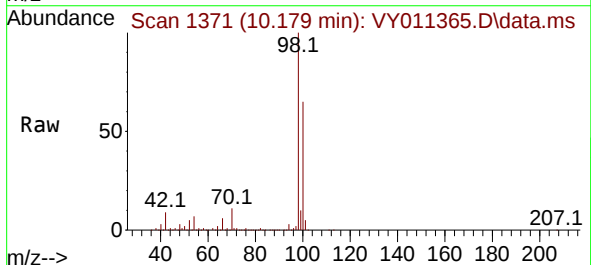
Instrument :
MSVOA_Y
ClientSampleId :
R-26

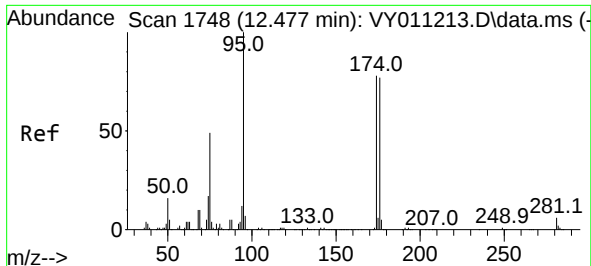
Tgt Ion:113 Resp: 156854
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 46.816 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 98 Resp: 525569
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

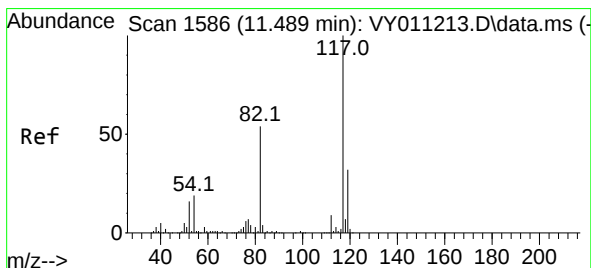
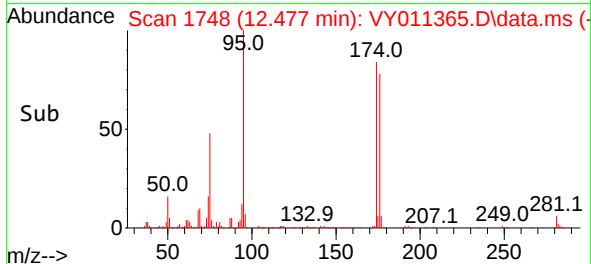
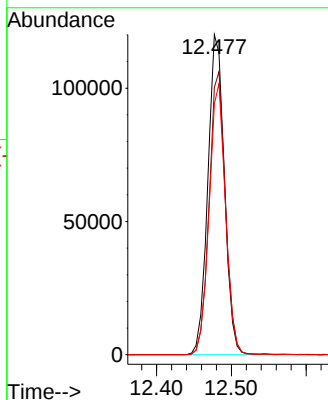
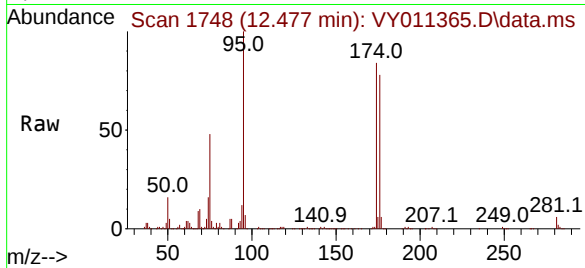




#62
4-Bromofluorobenzene
Concen: 47.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

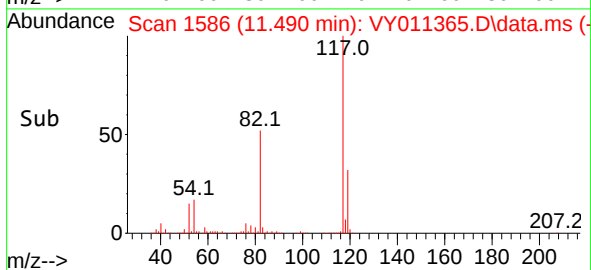
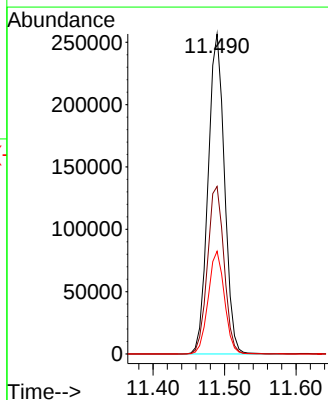
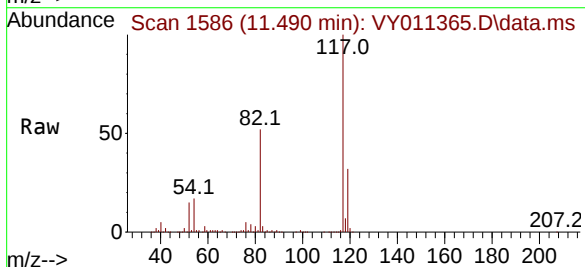
Instrument :
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ClientSampleId :
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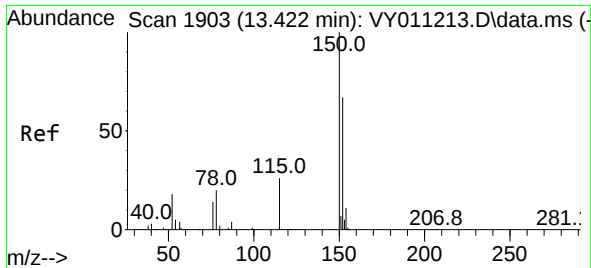
Tgt Ion: 95 Resp: 184414
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 117 Resp: 408308
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 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: VY011365.D
 Acq: 08 Nov 2022 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-26

Tgt Ion:152 Resp: 187765

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	156.8	0.0	347.6

