

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011094.D
 Acq On : 25 Oct 2022 15:19
 Operator : KP/MD
 Sample : N5257-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOLLAND-RD-COMP-3

Quant Time: Oct 26 08:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

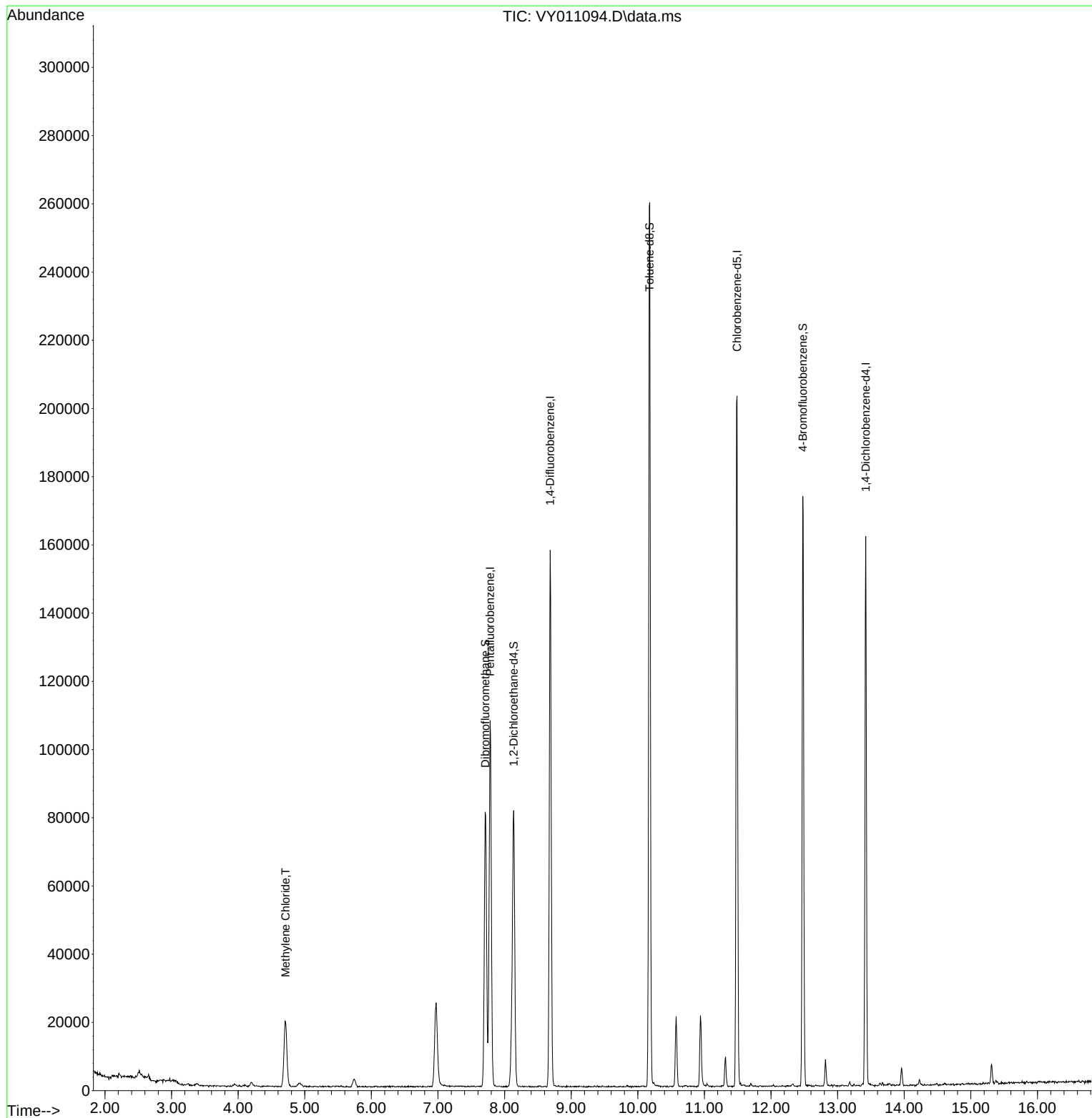
Internal Standards						
1) Pentafluorobenzene	7.783	168	84032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56510	73.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.000%	
35) Dibromofluoromethane	7.710	113	59698	79.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 158.480%#	
50) Toluene-d8	10.179	98	176859	61.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.340%	
62) 4-Bromofluorobenzene	12.477	95	52436	51.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.460%	
Target Compounds						
20) Methylene Chloride	4.710	84	14833	10.101	ug/l	Qvalue # 80

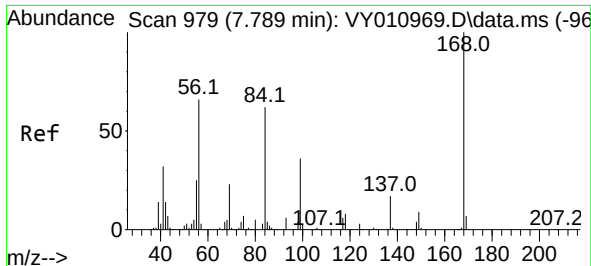
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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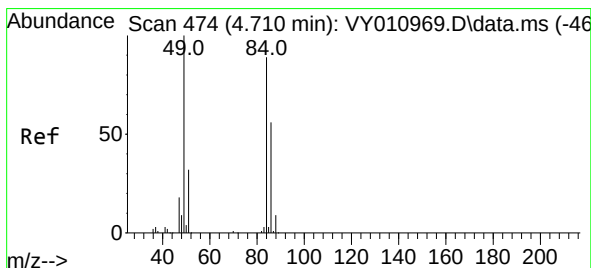
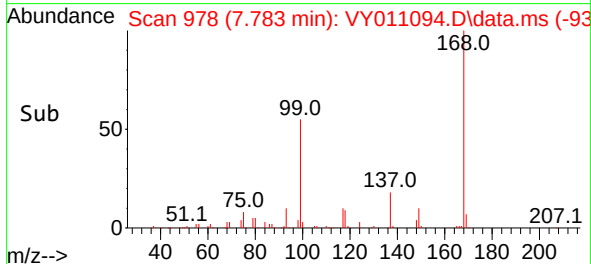
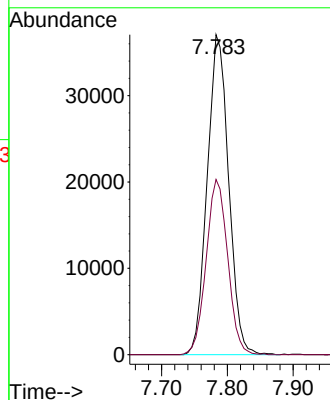
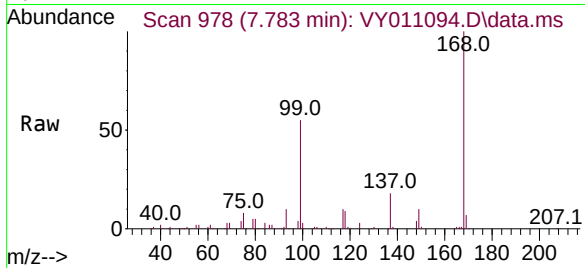




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

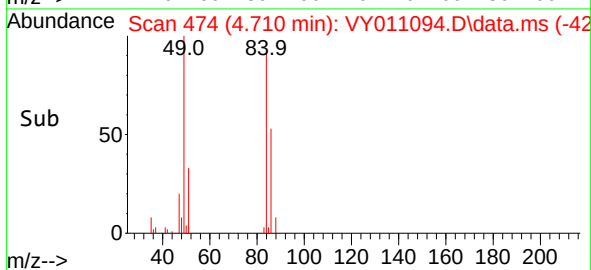
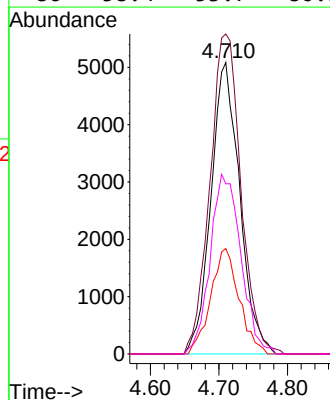
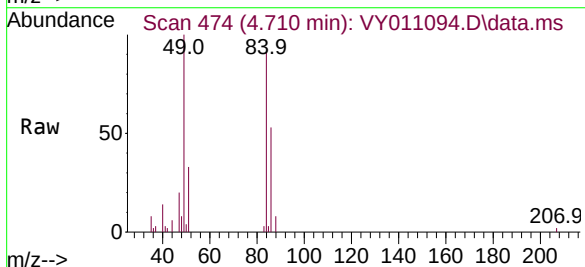
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-3

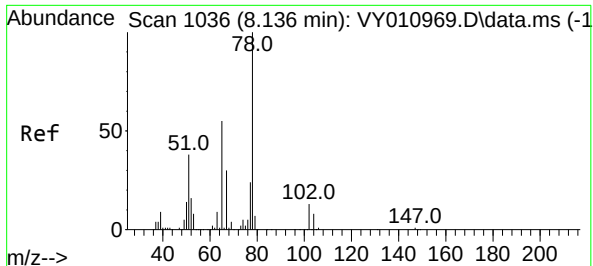
Tgt Ion:168 Resp: 84032
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#20
Methylene Chloride
Concen: 10.101 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

Tgt Ion: 84 Resp: 14833
Ion Ratio Lower Upper
84 100
49 109.8 114.4 171.6#
51 36.2 35.3 52.9
86 58.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 73.005 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011094.D

Acq: 25 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

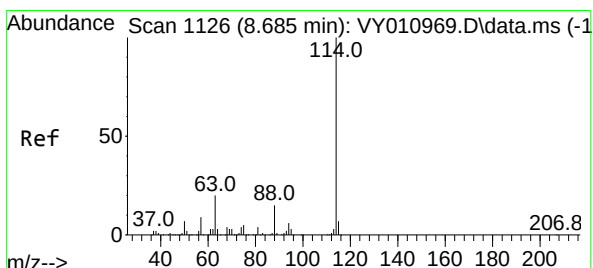
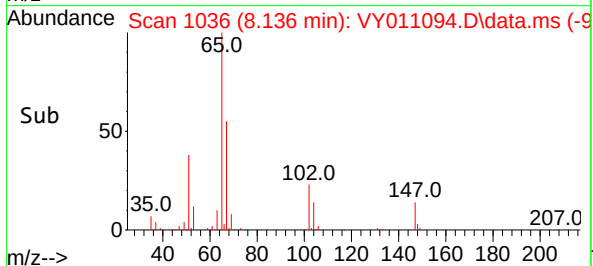
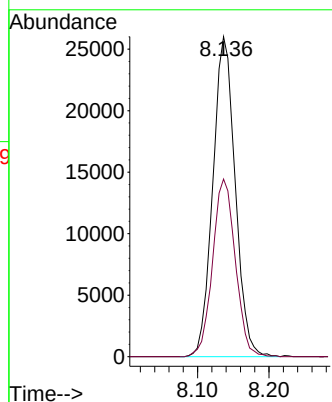
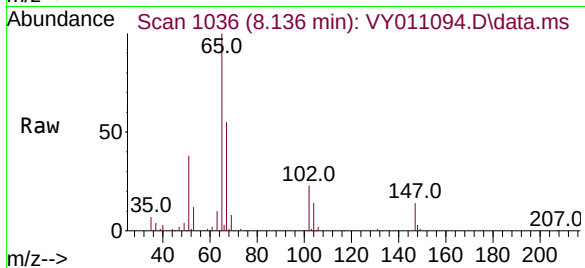
HOLLAND-RD-COMP-3

Tgt Ion: 65 Resp: 56510

Ion Ratio Lower Upper

65 100

67 56.4 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: VY011094.D

Acq: 25 Oct 2022 15:19

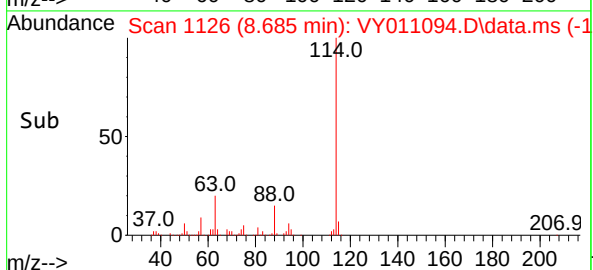
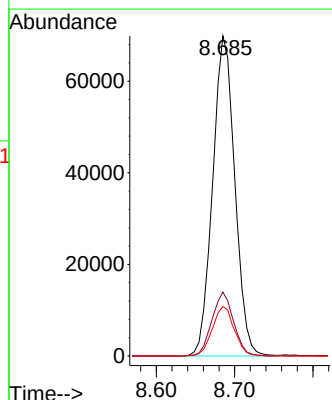
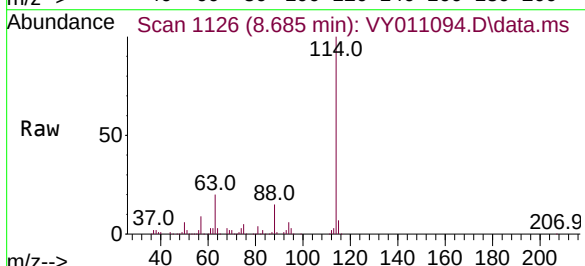
Tgt Ion: 114 Resp: 137338

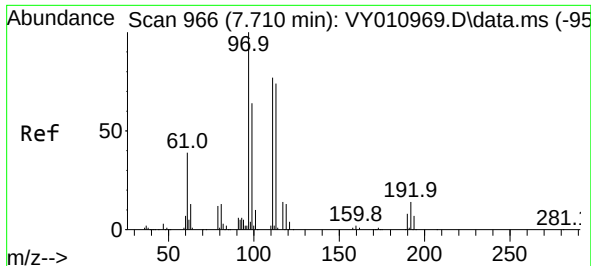
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.5 0.0 31.8

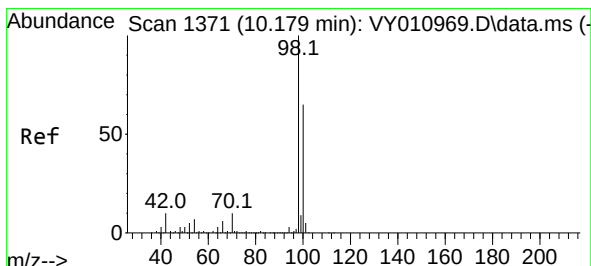
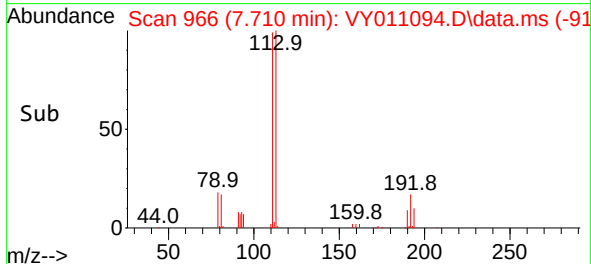
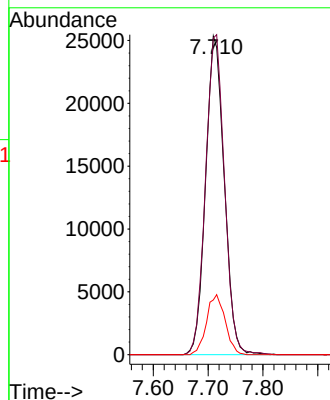
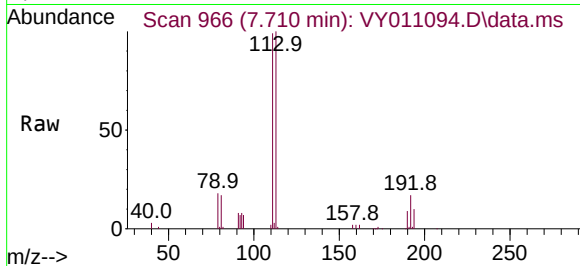




#35
Dibromofluoromethane
Concen: 79.240 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

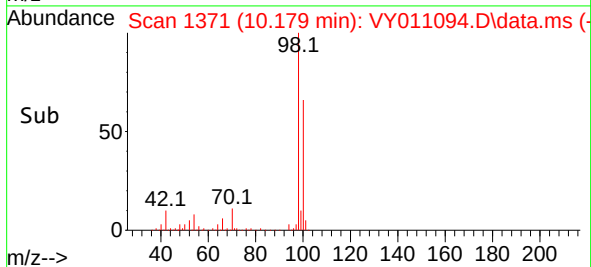
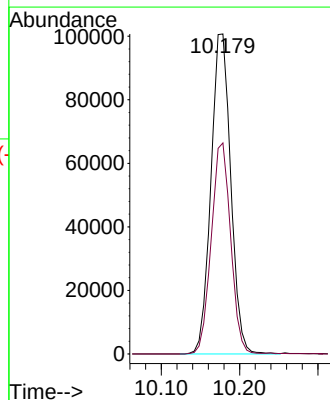
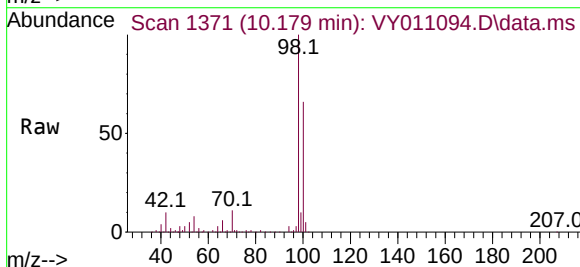
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-3

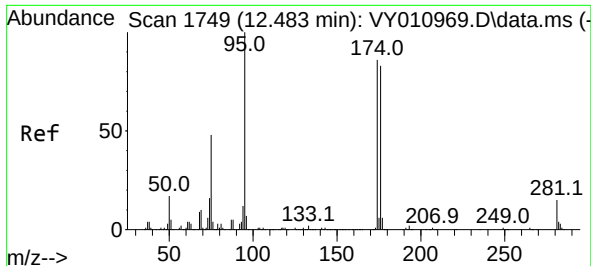
Tgt Ion:113 Resp: 59698
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 61.675 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

Tgt Ion: 98 Resp: 176859
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

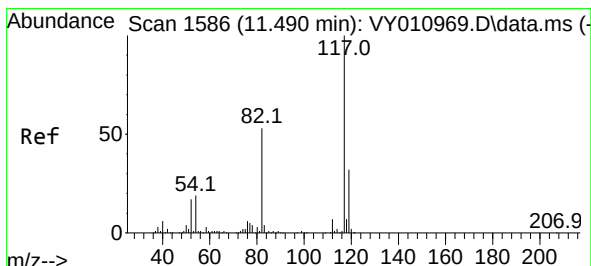
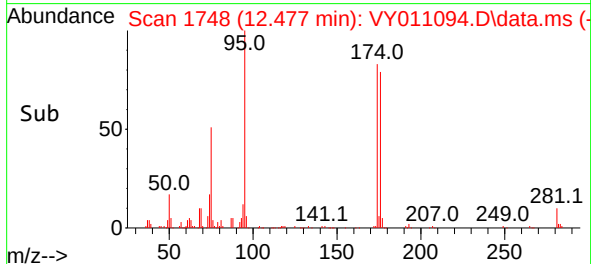
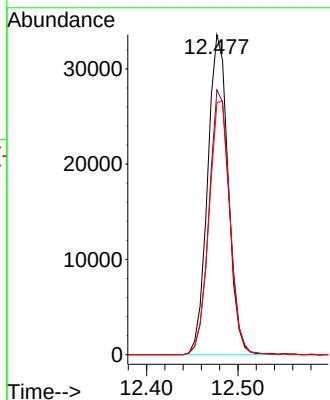
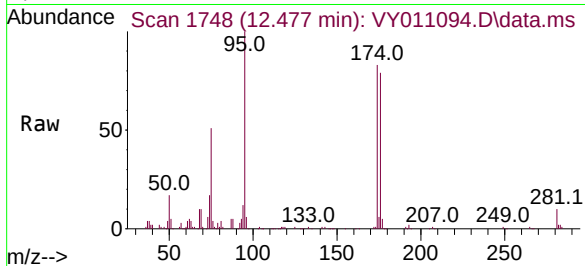




#62
4-Bromofluorobenzene
Concen: 51.727 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

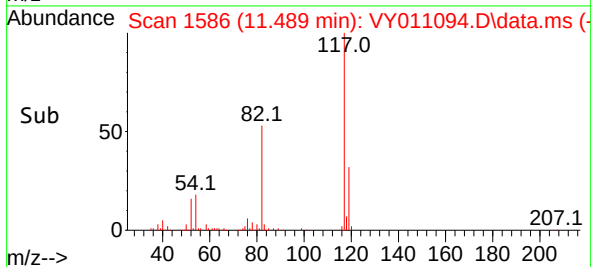
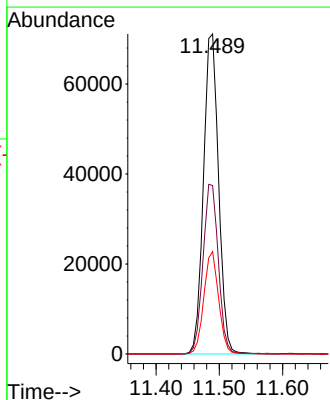
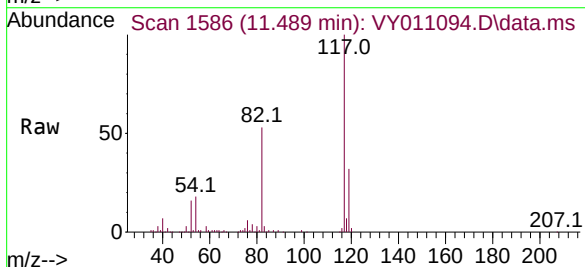
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MSVOA_Y
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HOLLAND-RD-COMP-3

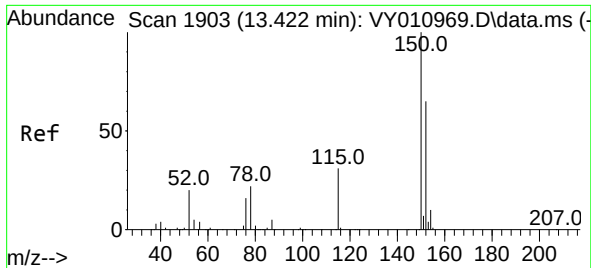
Tgt Ion: 95 Resp: 52436
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011094.D
Acq: 25 Oct 2022 15:19

Tgt Ion: 117 Resp: 118675
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.0 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: VY011094.D

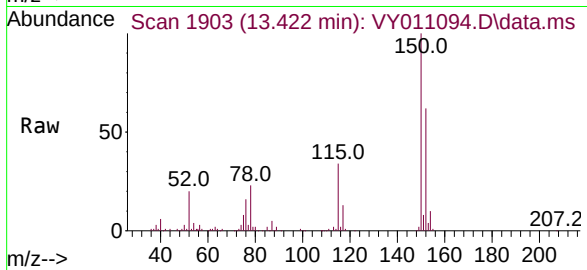
Acq: 25 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

HOLLAND-RD-COMP-3



Tgt Ion:152 Resp: 42739

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 156.6 0.0 347.6

