

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010855.D
 Acq On : 06 Oct 2022 19:08
 Operator : KP/MD
 Sample : N5004-12RE
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22020-18RE

Quant Time: Oct 07 02:31:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

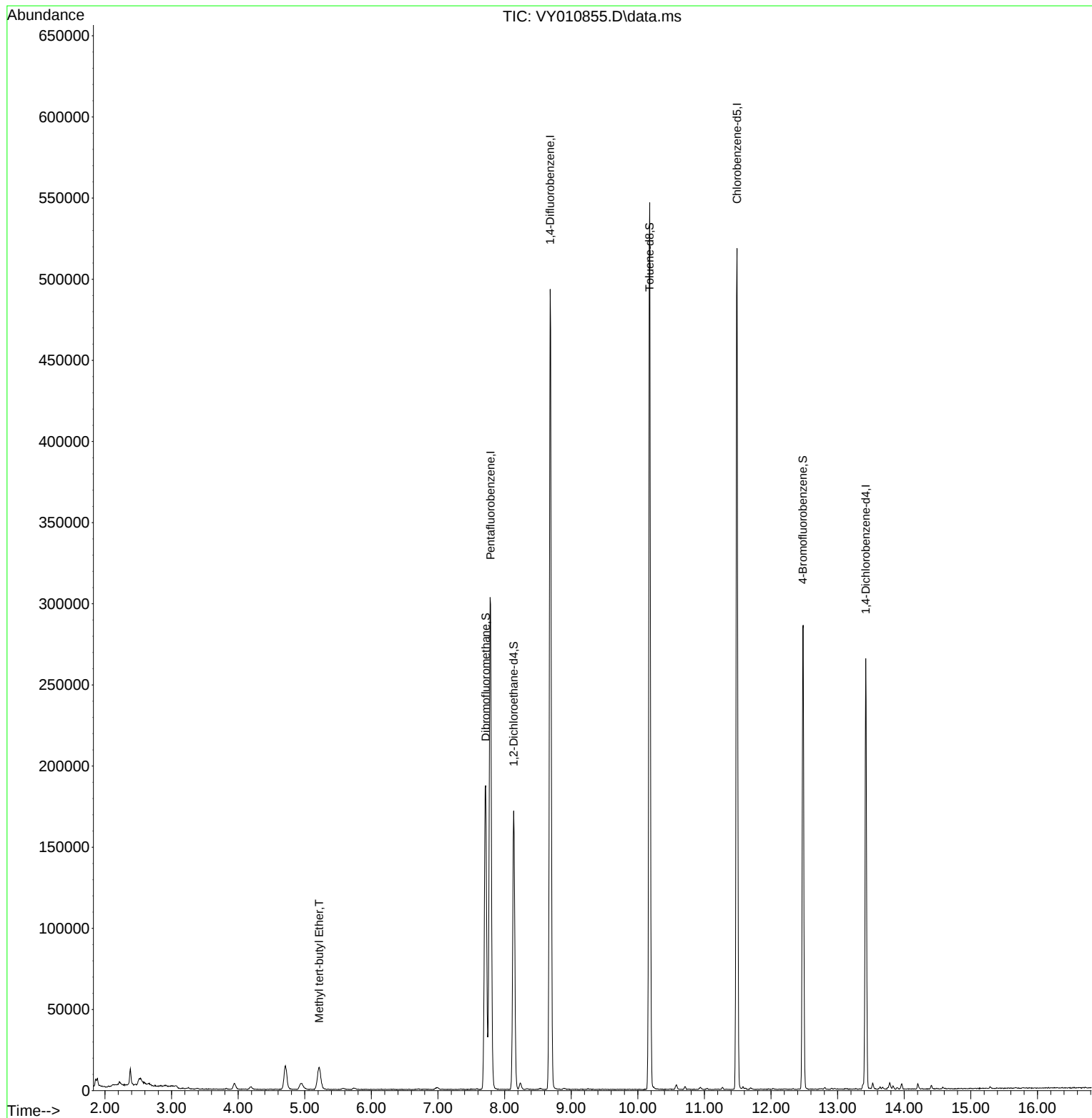
Internal Standards						
1) Pentafluorobenzene	7.789	168	233545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130367	55.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.716	113	136102	49.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.179	98	354102	37.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.720%
62) 4-Bromofluorobenzene	12.477	95	87929	21.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	43.320%
Target Compounds						
19) Methyl tert-butyl Ether	5.216	73	22982	3.976	ug/l	Qvalue 99

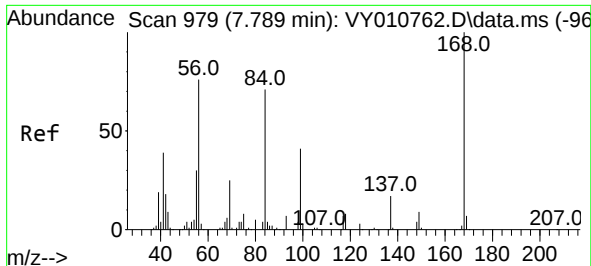
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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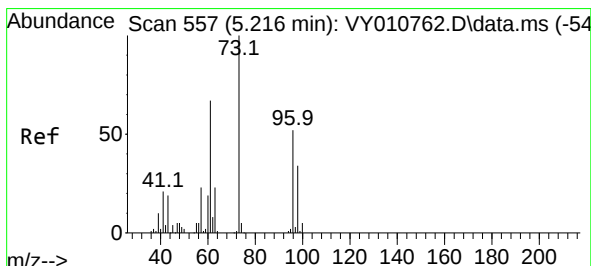
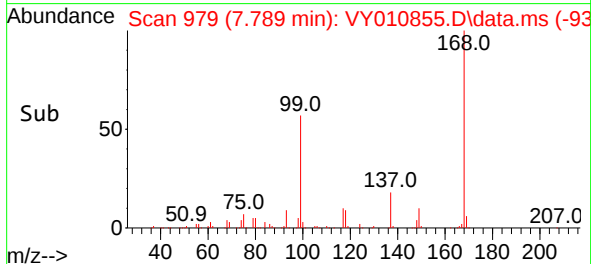
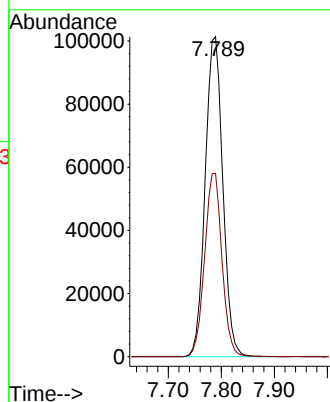
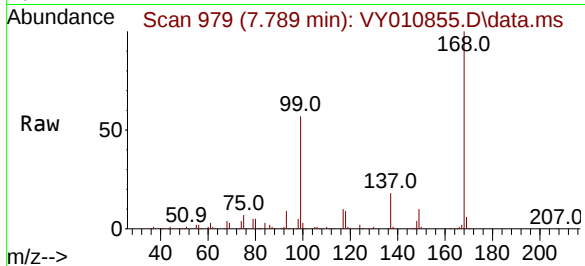




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

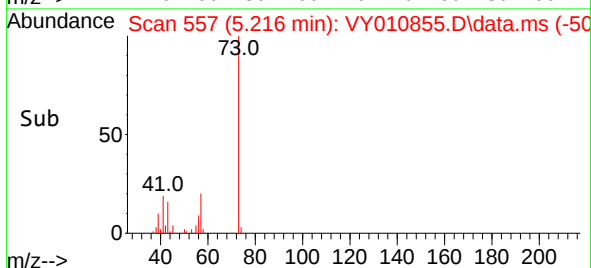
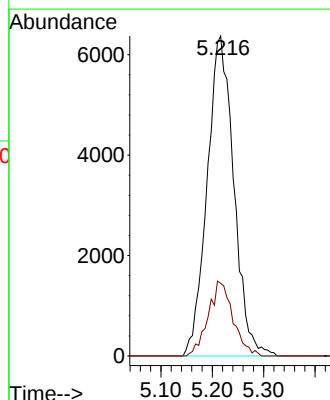
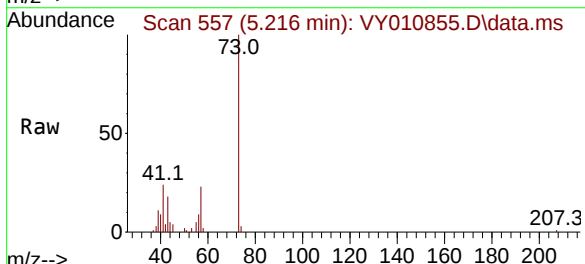
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18RE

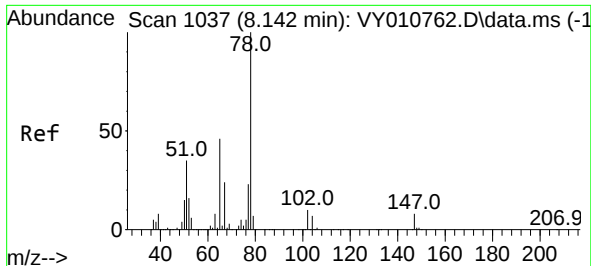
Tgt Ion:168 Resp: 233545
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#19
Methyl tert-butyl Ether
Concen: 3.976 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

Tgt Ion: 73 Resp: 22982
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 55.071 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010855.D

Acq: 06 Oct 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

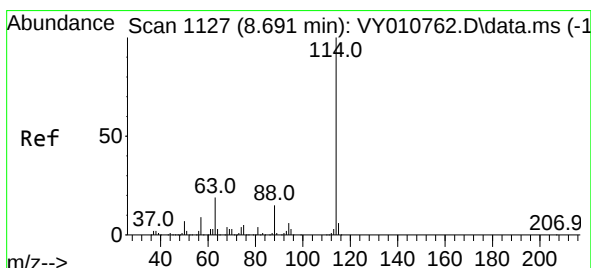
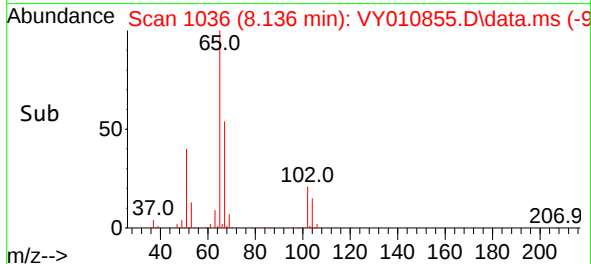
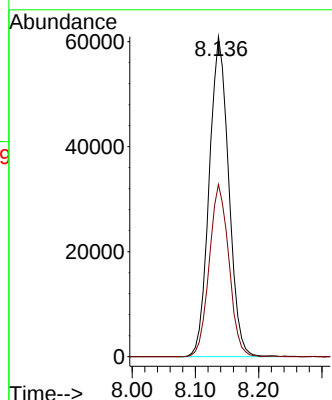
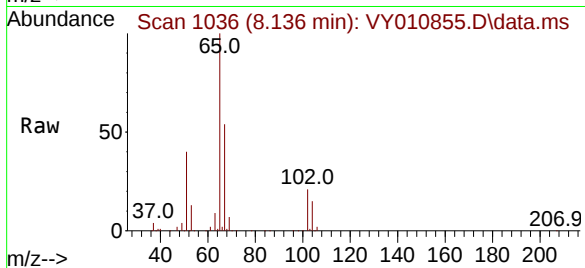
D22020-18RE

Tgt Ion: 65 Resp: 130367

Ion Ratio Lower Upper

65 100

67 54.1 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: VY010855.D

Acq: 06 Oct 2022 19:08

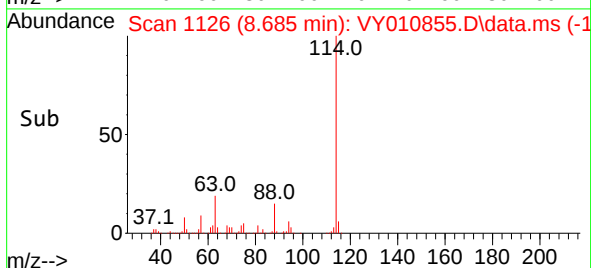
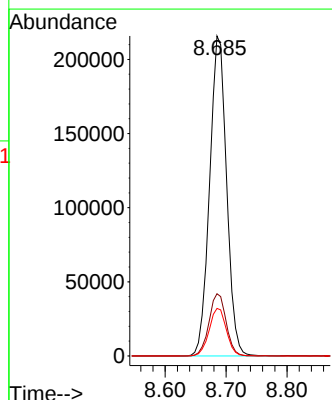
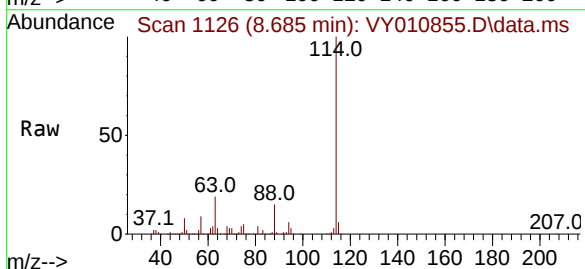
Tgt Ion: 114 Resp: 417494

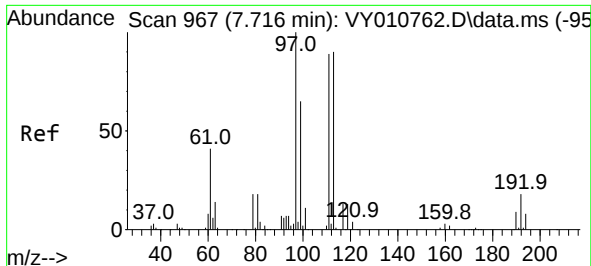
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.9 0.0 31.8

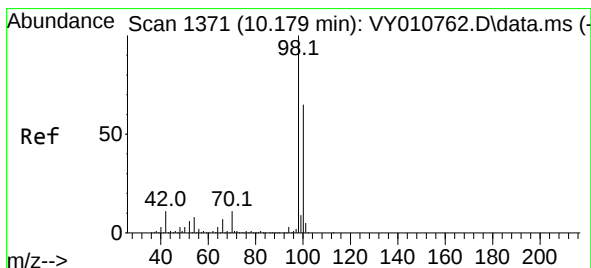
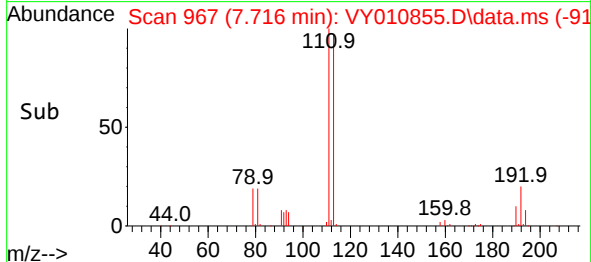
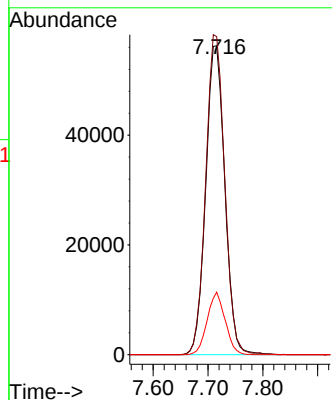
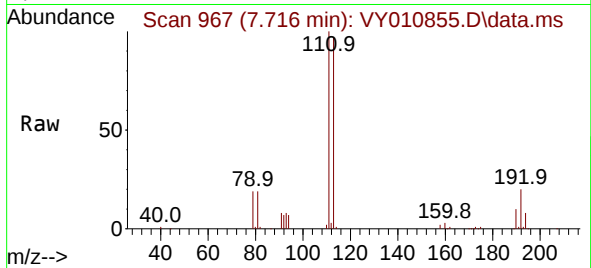




#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

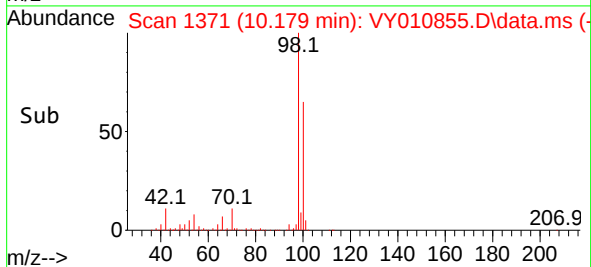
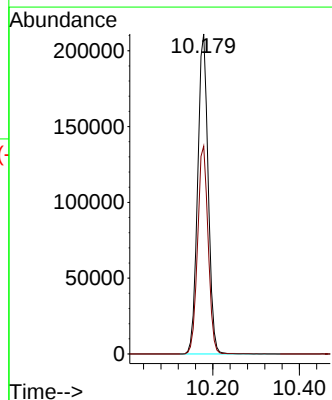
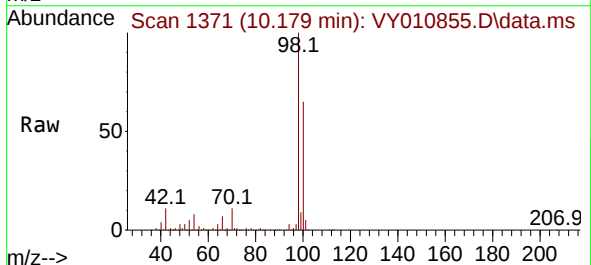
Instrument :
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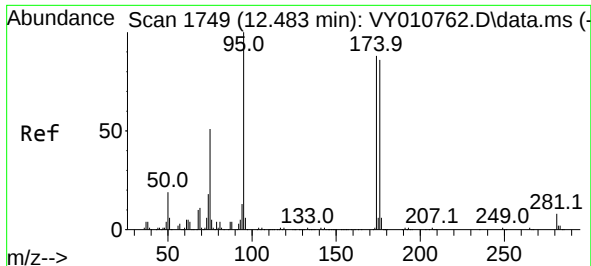
Tgt Ion:113 Resp: 136102
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 37.362 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

Tgt Ion: 98 Resp: 354102
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

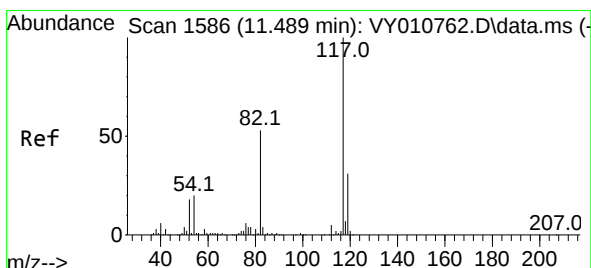
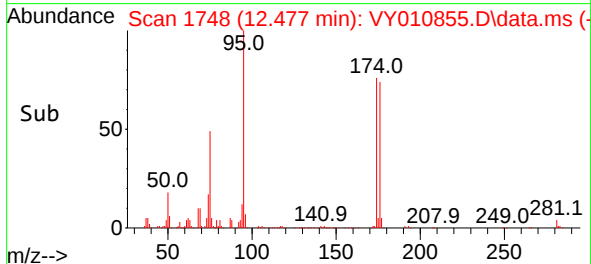
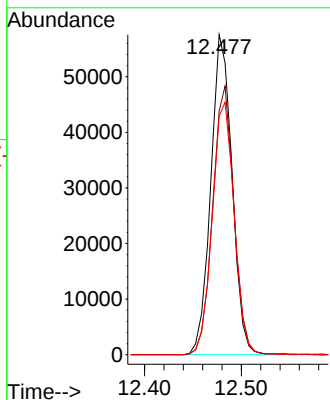
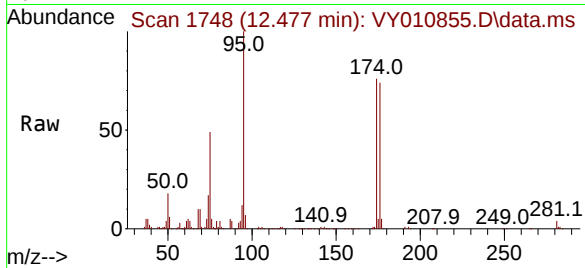




#62
4-Bromofluorobenzene
Concen: 21.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

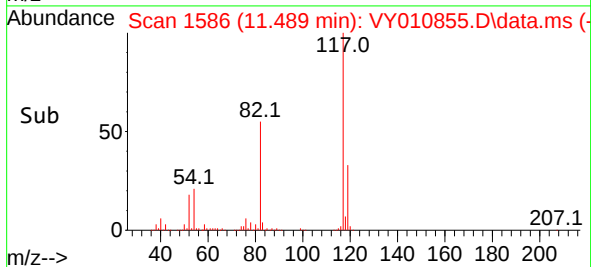
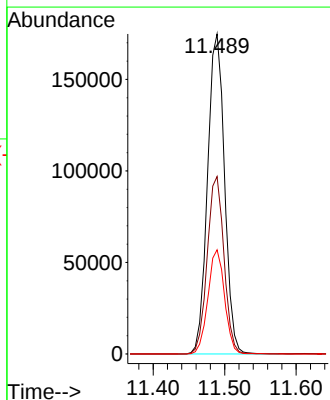
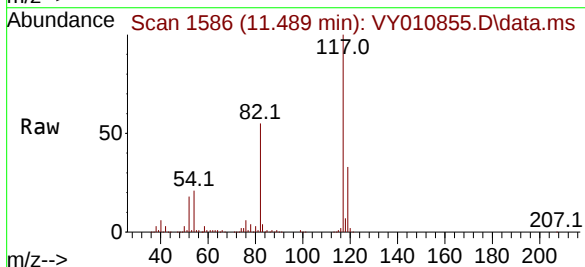
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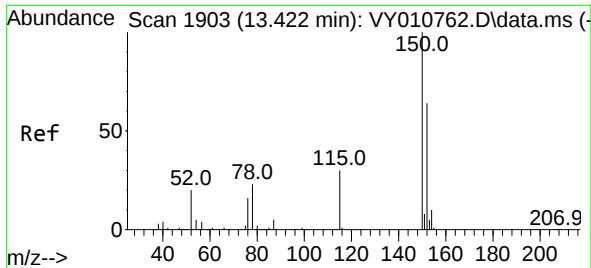
Tgt Ion: 95 Resp: 87929
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010855.D
Acq: 06 Oct 2022 19:08

Tgt Ion: 117 Resp: 288352
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.6 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: VY010855.D

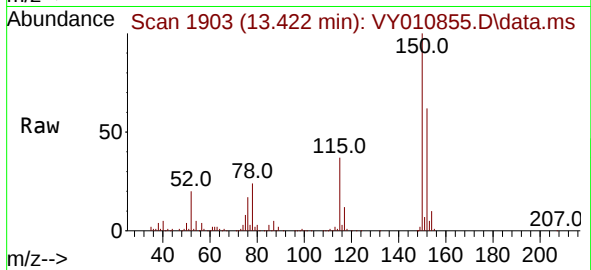
Acq: 06 Oct 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

D22020-18RE



Tgt Ion:152 Resp: 67591

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 158.2 0.0 347.6

