

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010928.D
 Acq On : 11 Oct 2022 19:22
 Operator : KP/MD
 Sample : N5101-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-101122

Quant Time: Oct 12 04:47:39 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)

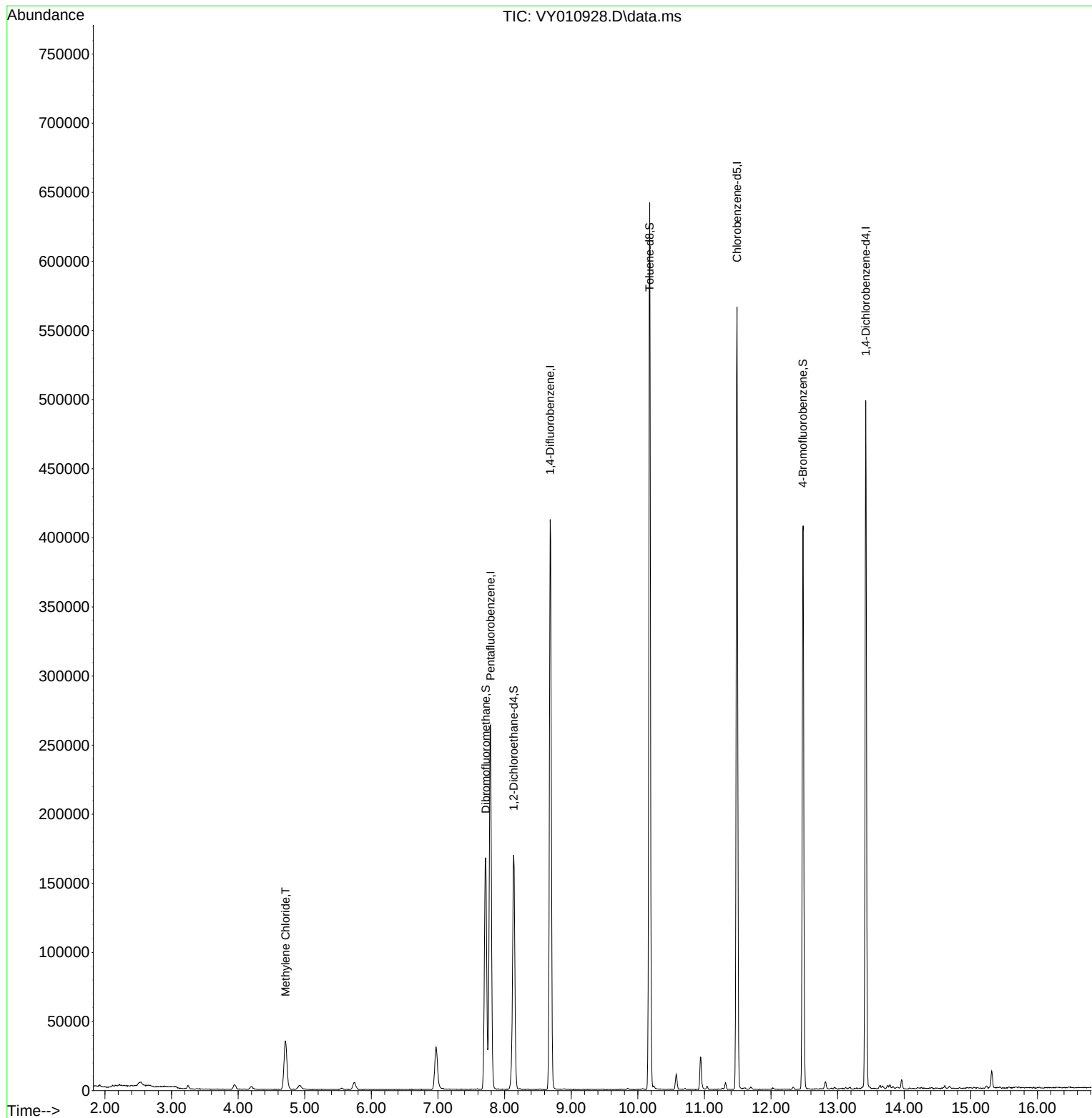
Internal Standards						
1) Pentafluorobenzene	7.789	168	205369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126866	60.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.880%	
35) Dibromofluoromethane	7.716	113	122166	51.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.179	98	419061	51.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.477	95	125158	38.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.980%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	27594	7.470	ug/l	84

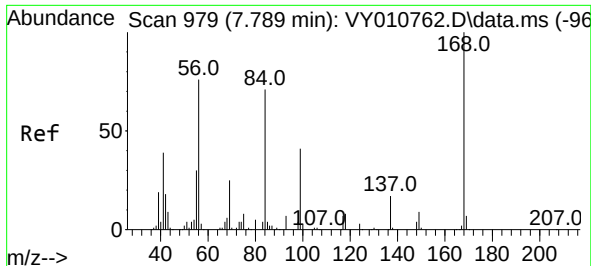
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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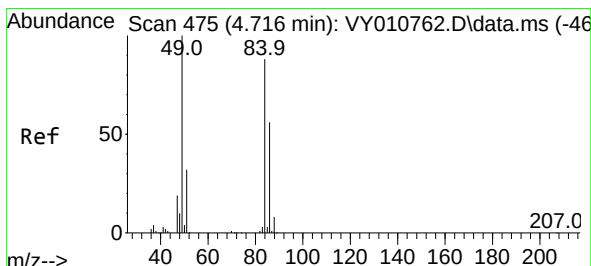
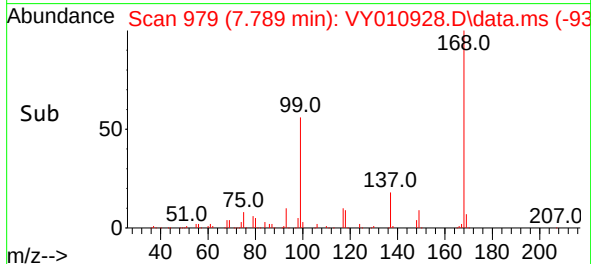
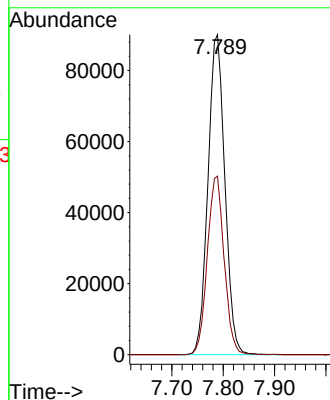
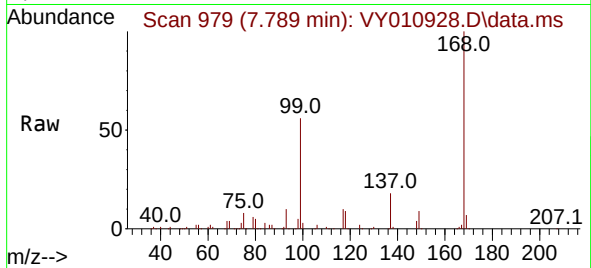




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010928.D
Acq: 11 Oct 2022 19:22

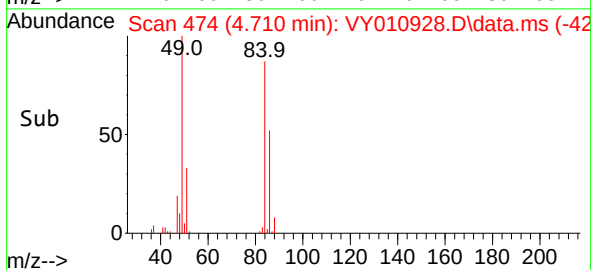
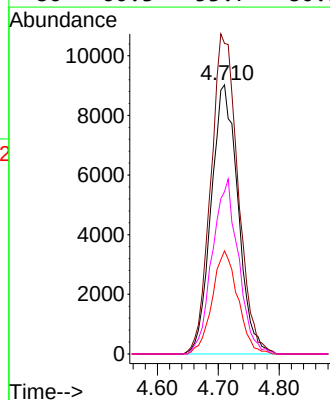
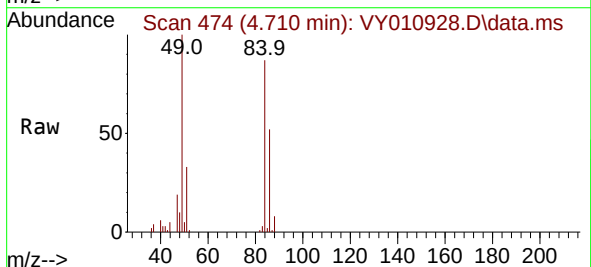
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-101122

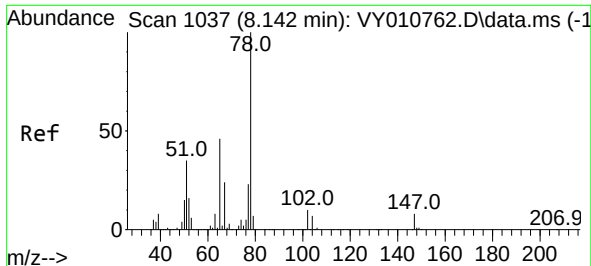
Tgt Ion:168 Resp: 205369
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#20
Methylene Chloride
Concen: 7.470 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010928.D
Acq: 11 Oct 2022 19:22

Tgt Ion: 84 Resp: 27594
Ion Ratio Lower Upper
84 100
49 115.4 114.4 171.6
51 38.3 35.3 52.9
86 60.3 53.7 80.5

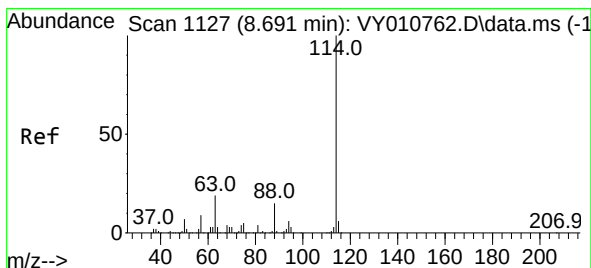
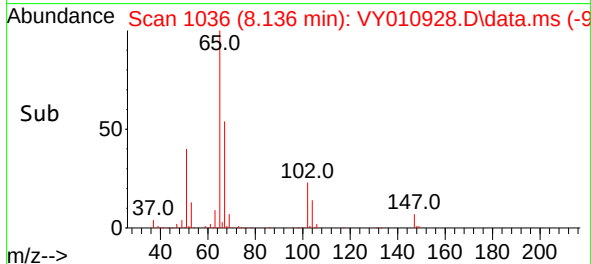
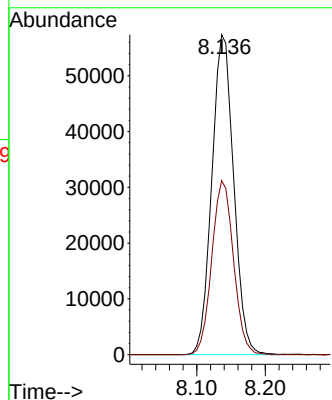
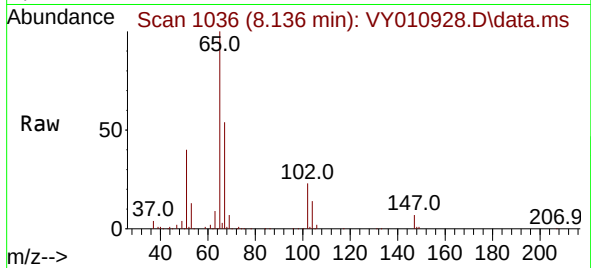




#33
 1,2-Dichloroethane-d4
 Concen: 60.944 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY010928.D
 Acq: 11 Oct 2022 19:22

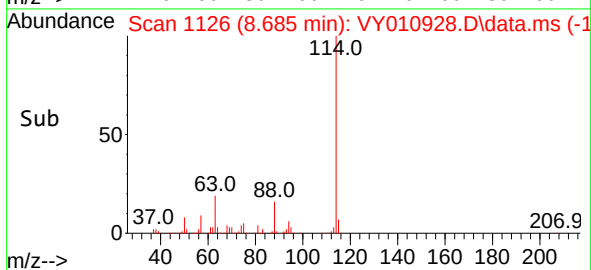
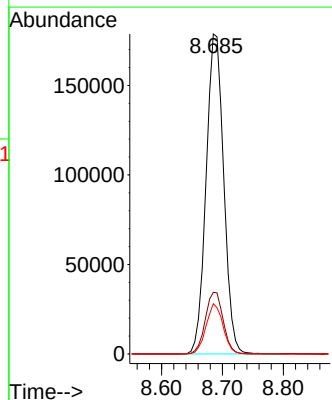
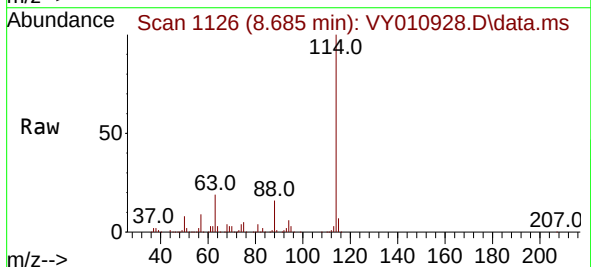
Instrument :
 MSVOA_Y
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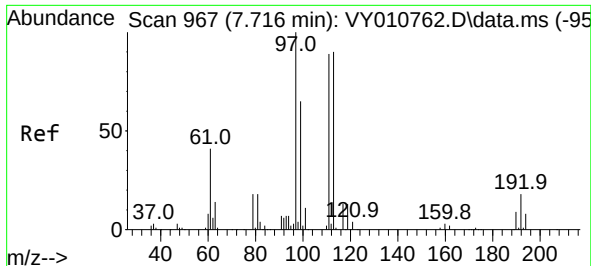
Tgt Ion: 65 Resp: 126866
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010928.D
 Acq: 11 Oct 2022 19:22

Tgt Ion: 114 Resp: 358714
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 15.7 0.0 31.8

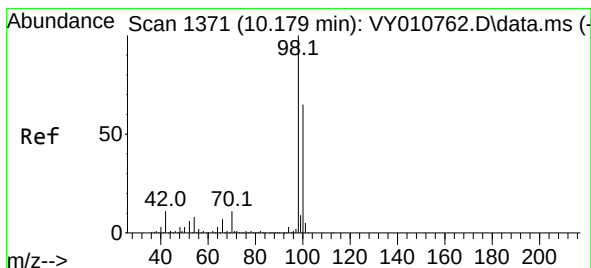
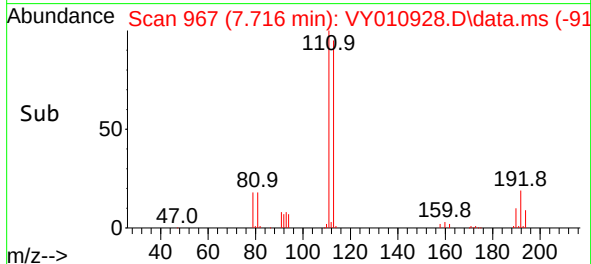
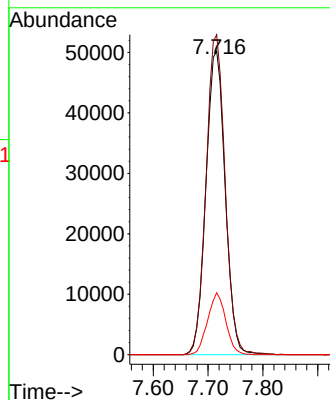
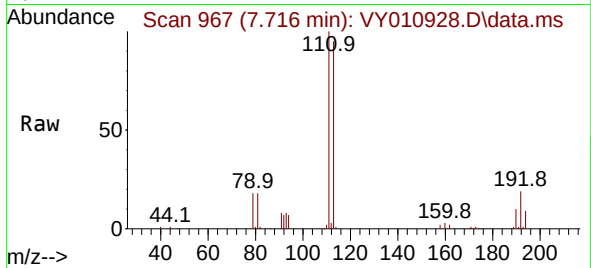




#35
Dibromofluoromethane
Concen: 51.305 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010928.D
Acq: 11 Oct 2022 19:22

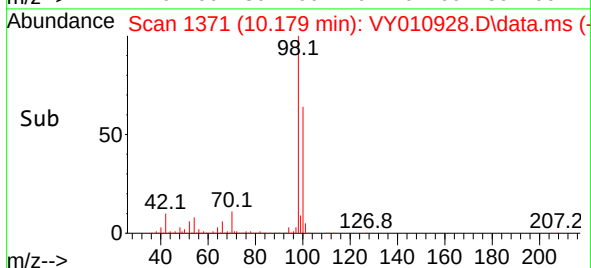
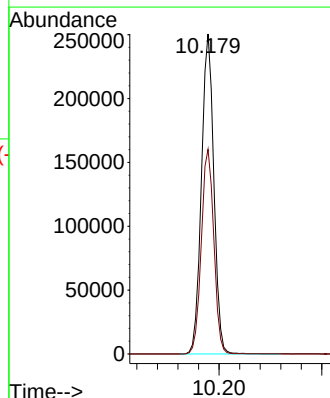
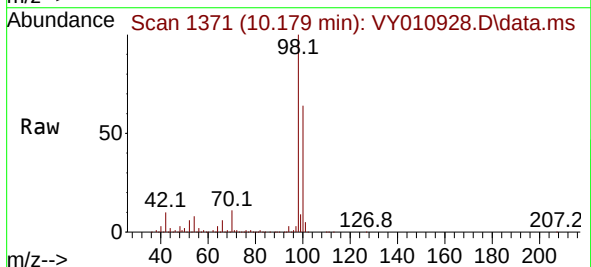
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-101122

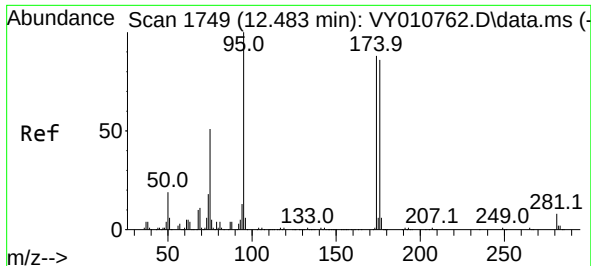
Tgt Ion:113 Resp: 122166
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 51.461 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010928.D
Acq: 11 Oct 2022 19:22

Tgt Ion: 98 Resp: 419061
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 38.493 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010928.D

Acq: 11 Oct 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-101122

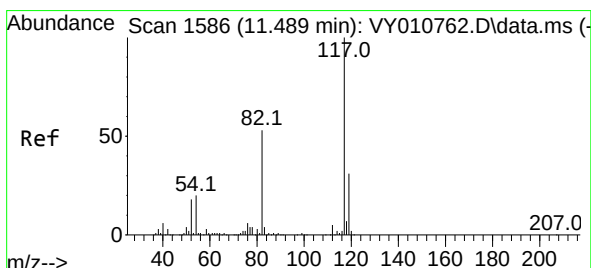
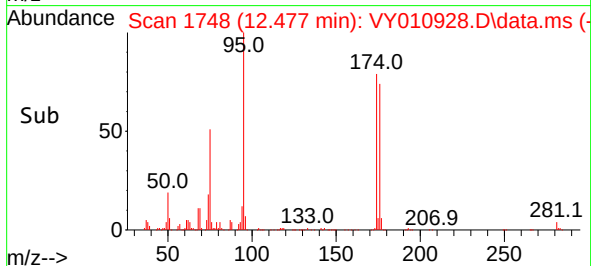
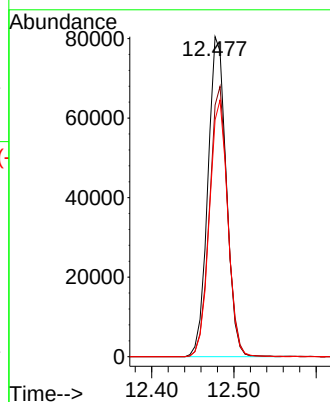
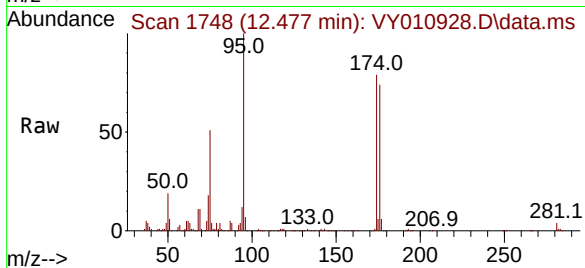
Tgt Ion: 95 Resp: 125158

Ion Ratio Lower Upper

95 100

174 83.3 0.0 177.0

176 80.0 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: VY010928.D

Acq: 11 Oct 2022 19:22

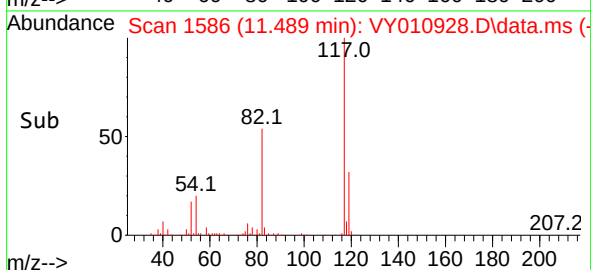
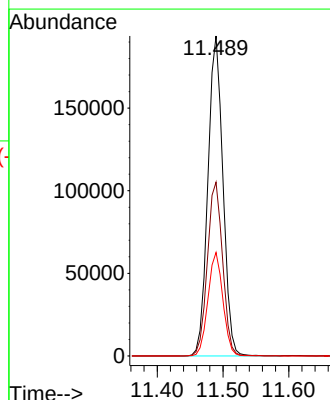
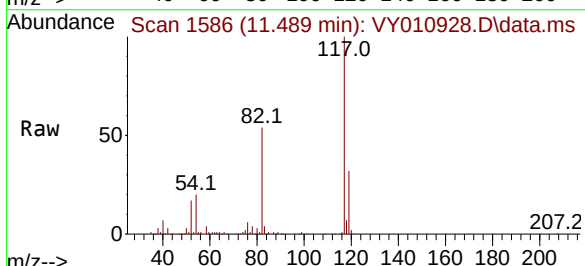
Tgt Ion: 117 Resp: 308192

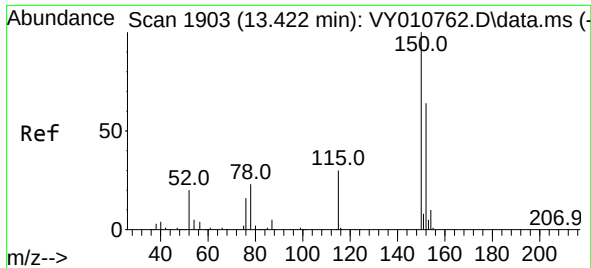
Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.3 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: VY010928.D

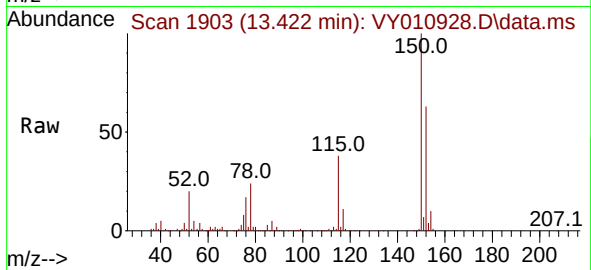
Acq: 11 Oct 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 125503

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.0 0.0 347.6

