

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010822.D
 Acq On : 05 Oct 2022 16:01
 Operator : KP/MD
 Sample : N5004-02
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-18

Quant Time: Oct 06 09:21:11 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)

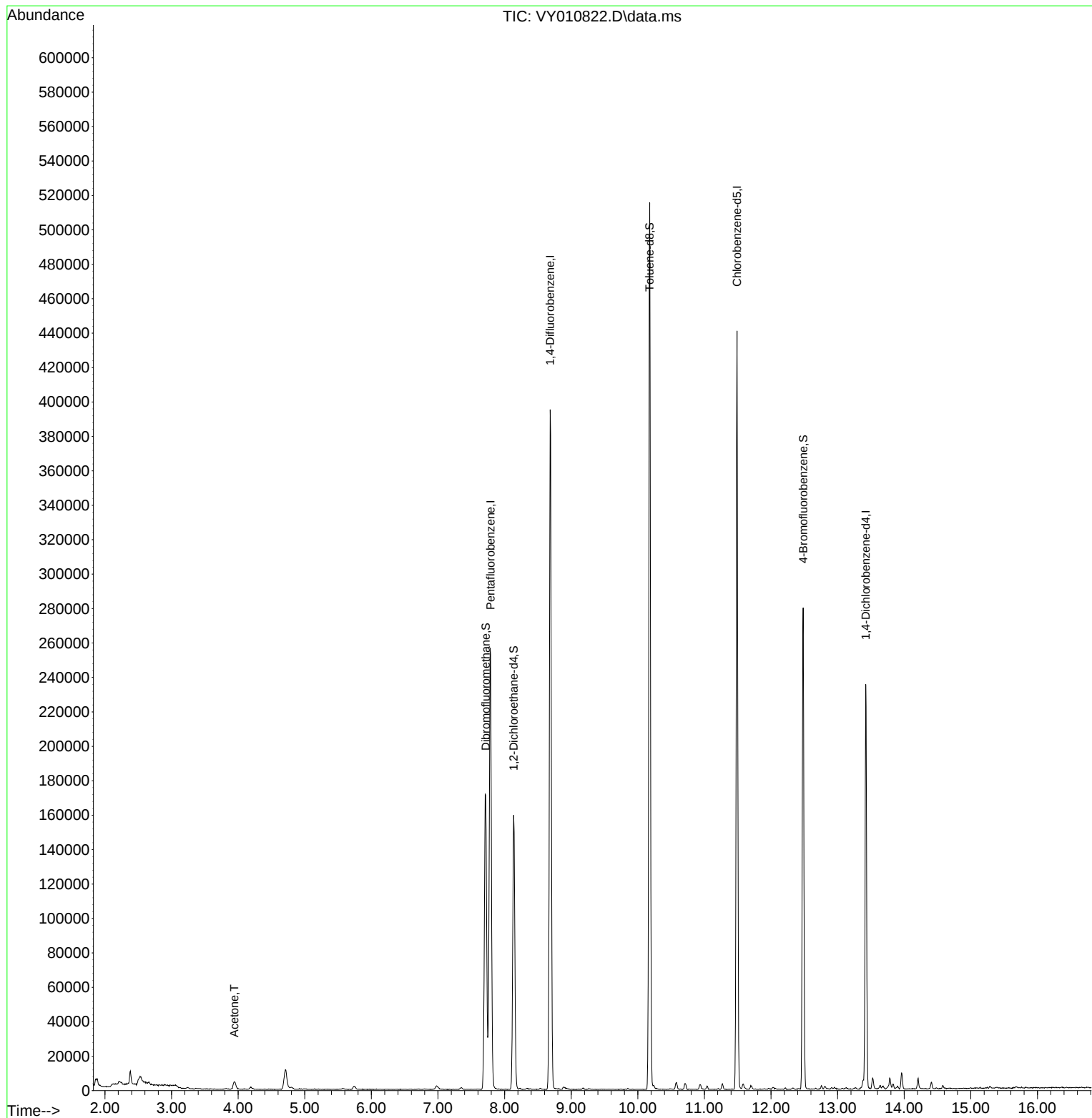
Internal Standards						
1) Pentafluorobenzene	7.789	168	197378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123235	61.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.200%	
35) Dibromofluoromethane	7.716	113	124725	55.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.800%	
50) Toluene-d8	10.179	98	338849	44.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.820%	
62) 4-Bromofluorobenzene	12.483	95	80214	25.073	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 50.140%	
Target Compounds						
16) Acetone	3.942	43	7938	15.622	ug/l	Qvalue # 87

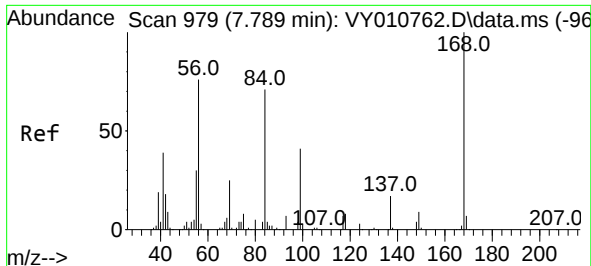
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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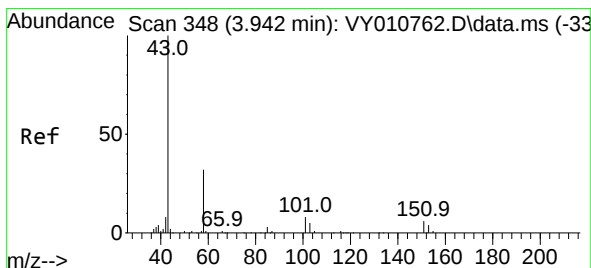
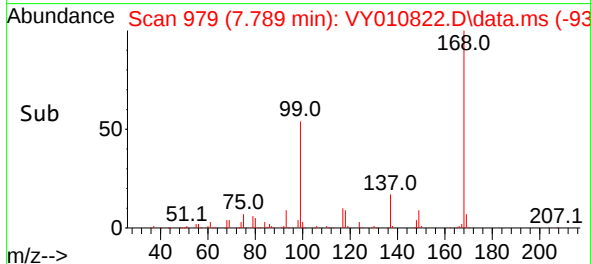
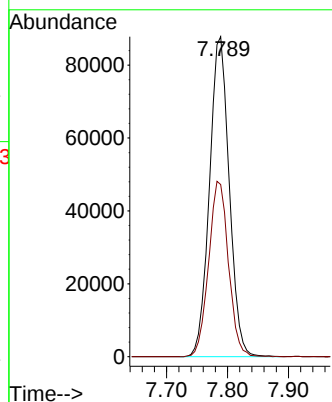
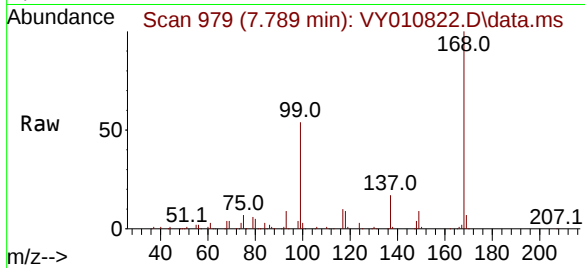




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

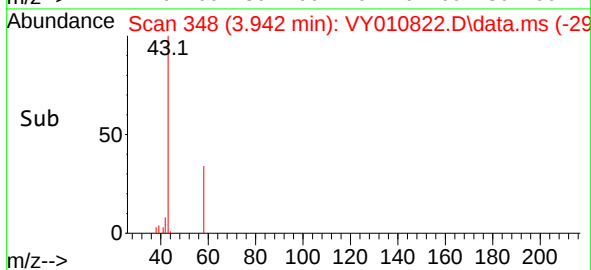
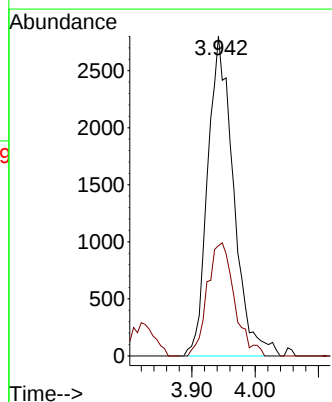
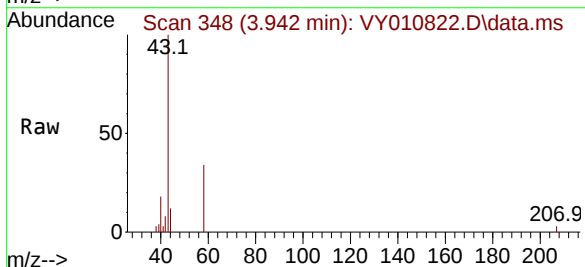
Instrument :
MSVOA_Y
ClientSampleId :
D22011-18

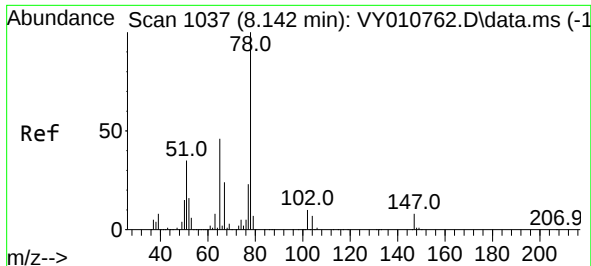
Tgt Ion:168 Resp: 197378
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#16
Acetone
Concen: 15.622 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

Tgt Ion: 43 Resp: 7938
Ion Ratio Lower Upper
43 100
58 34.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 61.597 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010822.D

Acq: 05 Oct 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

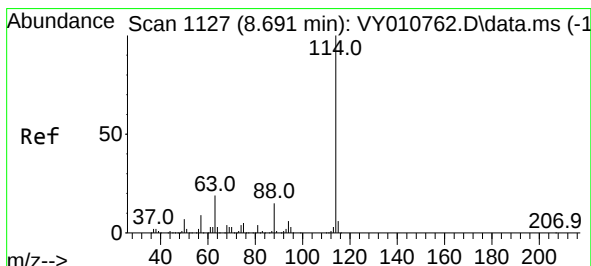
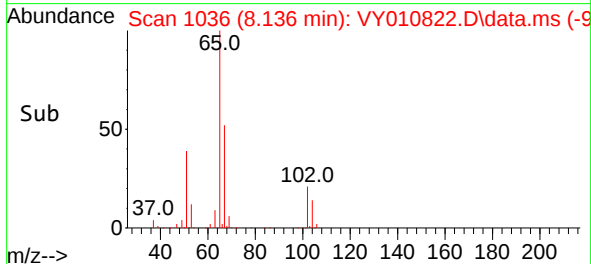
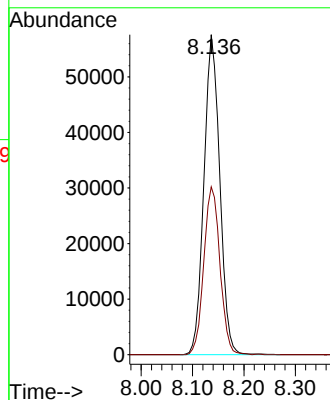
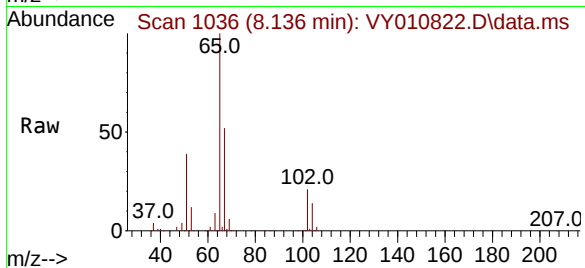
D22011-18

Tgt Ion: 65 Resp: 123235

Ion Ratio Lower Upper

65 100

67 53.4 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: VY010822.D

Acq: 05 Oct 2022 16:01

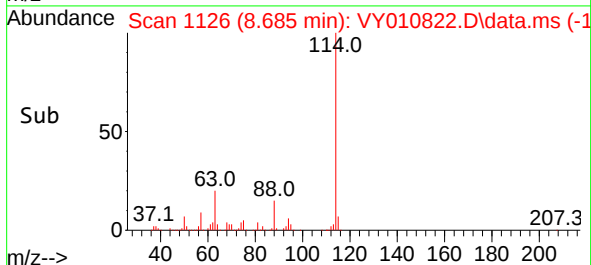
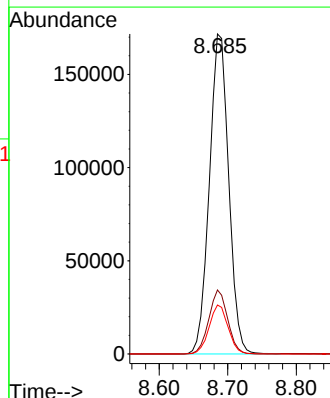
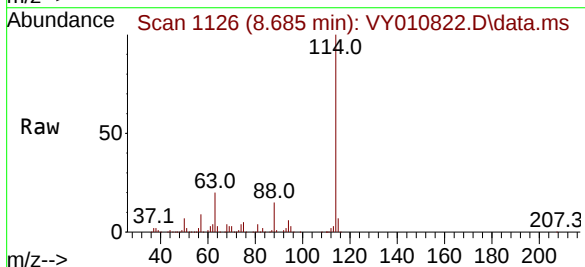
Tgt Ion: 114 Resp: 336130

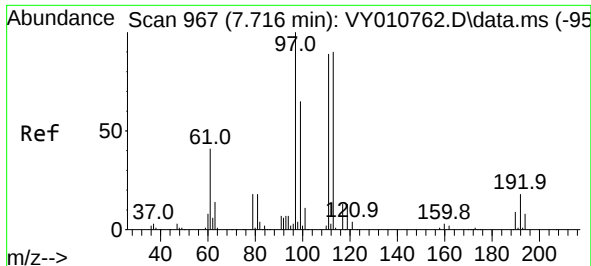
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.3 0.0 31.8

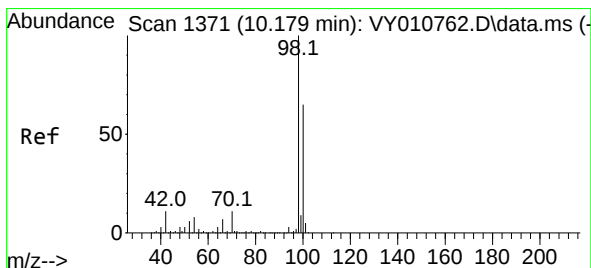
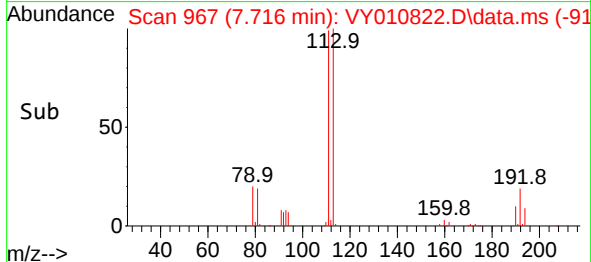
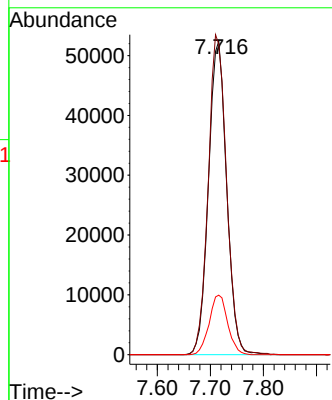
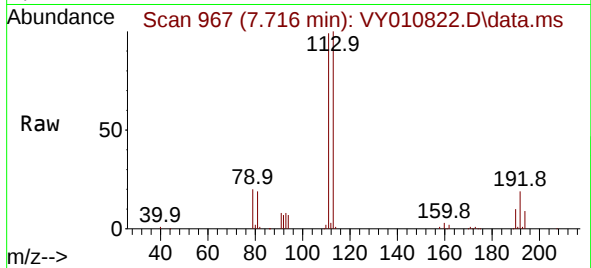




#35
Dibromofluoromethane
Concen: 55.899 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

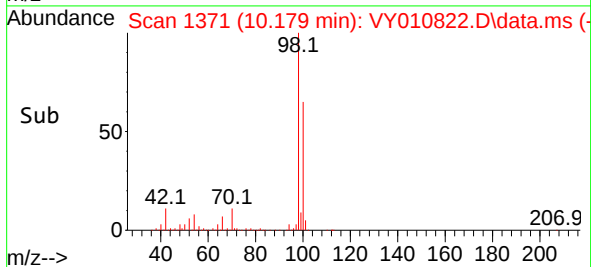
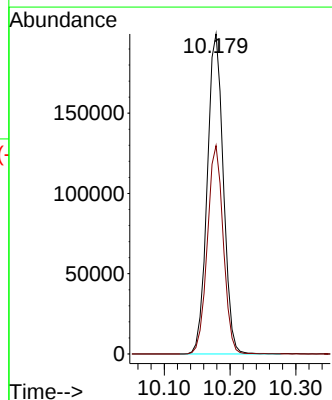
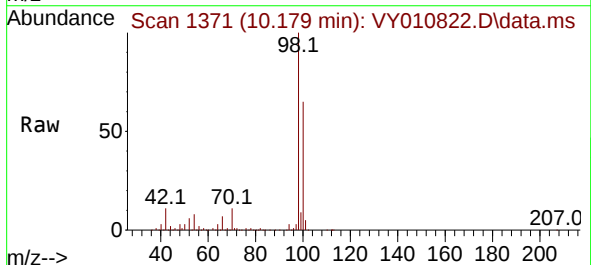
Instrument :
MSVOA_Y
ClientSampleId :
D22011-18

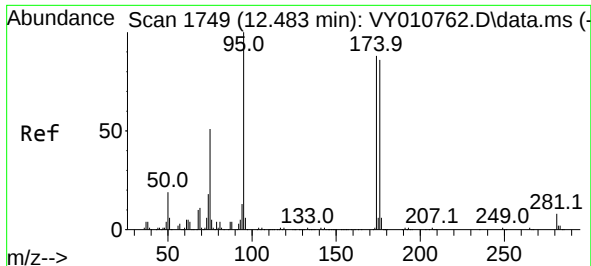
Tgt Ion:113 Resp: 124725
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 44.406 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

Tgt Ion: 98 Resp: 338849
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

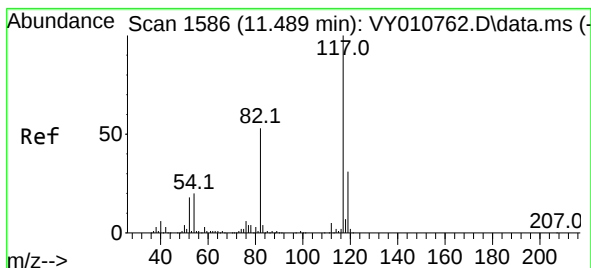
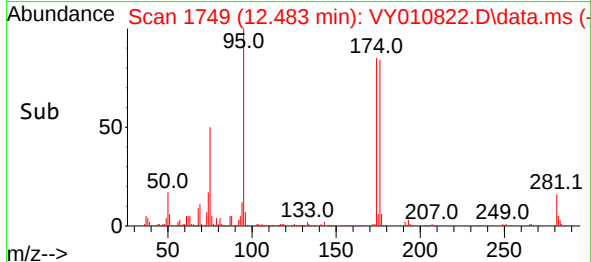
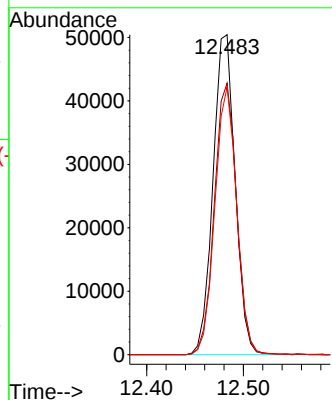
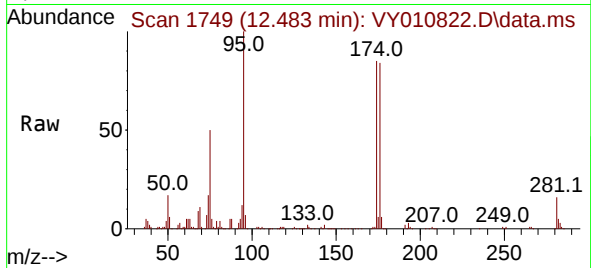




#62
4-Bromofluorobenzene
Concen: 25.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

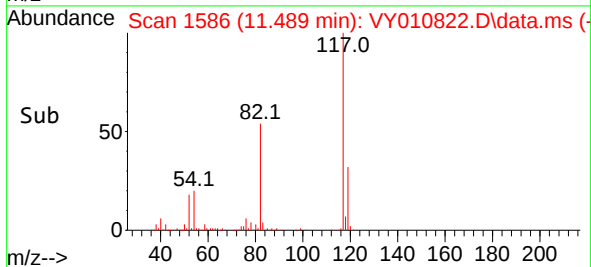
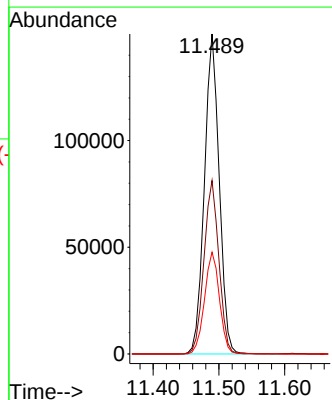
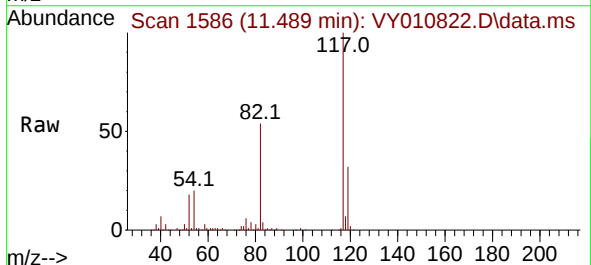
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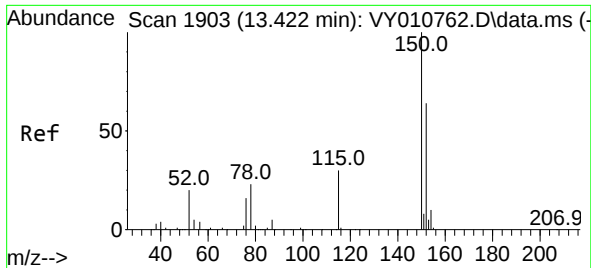
Tgt Ion: 95 Resp: 80214
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010822.D
Acq: 05 Oct 2022 16:01

Tgt Ion: 117 Resp: 234669
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.8 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: VY010822.D

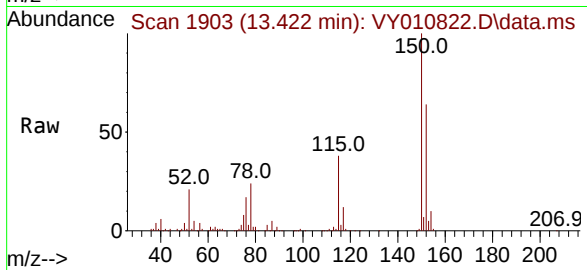
Acq: 05 Oct 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

D22011-18



Tgt Ion:152 Resp: 60781

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 156.7 0.0 347.6

