

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010847.D
 Acq On : 06 Oct 2022 16:07
 Operator : KP/MD
 Sample : N5004-01RE
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-8.5RE

Quant Time: Oct 07 02:30:01 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)

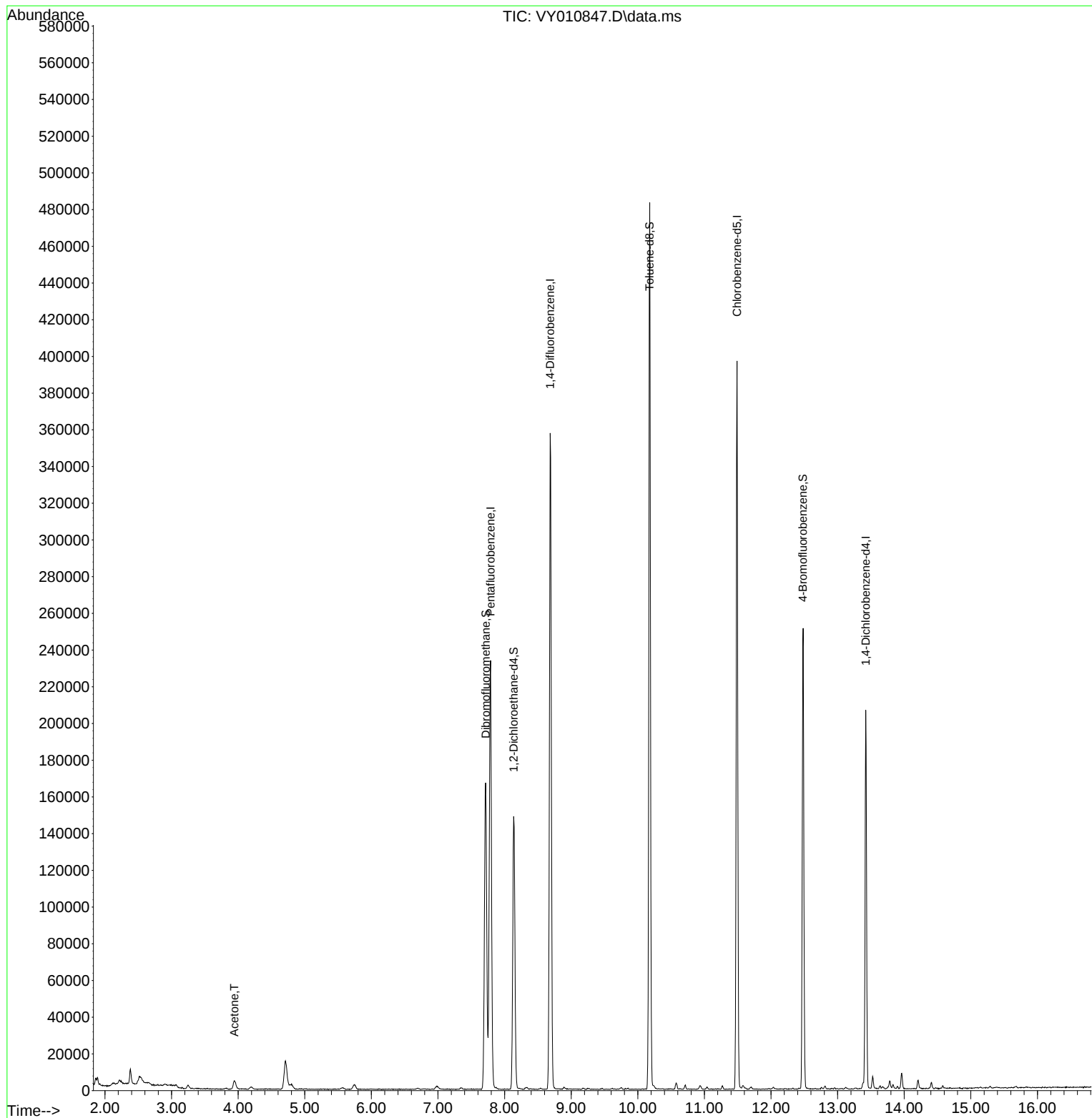
Internal Standards						
1) Pentafluorobenzene	7.789	168	180720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116679	63.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.400%
35) Dibromofluoromethane	7.716	113	120441	59.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.160%
50) Toluene-d8	10.179	98	310201	44.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.477	95	72263	24.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	49.320%
Target Compounds						
16) Acetone	3.942	43	8321	17.886	ug/l	Qvalue 91

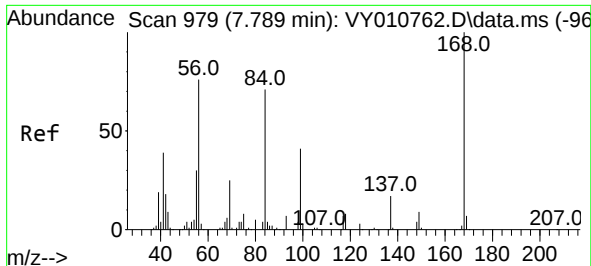
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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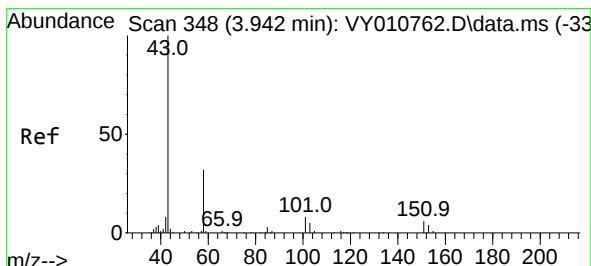
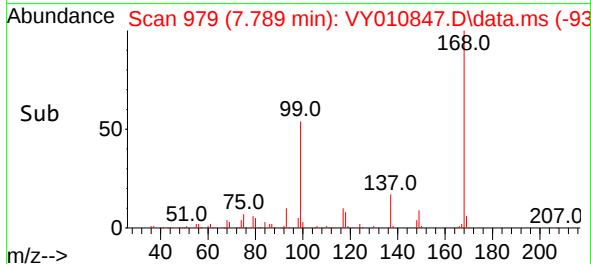
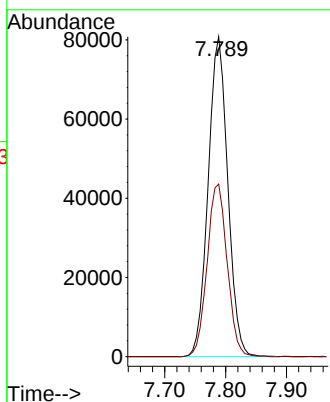
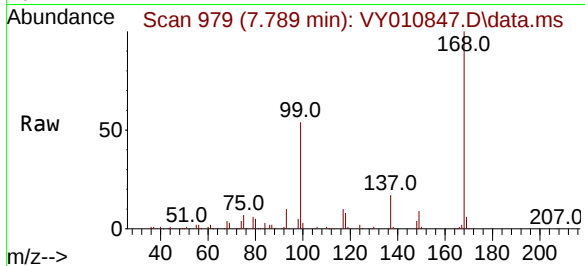




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

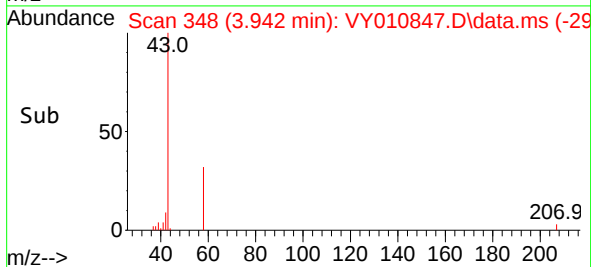
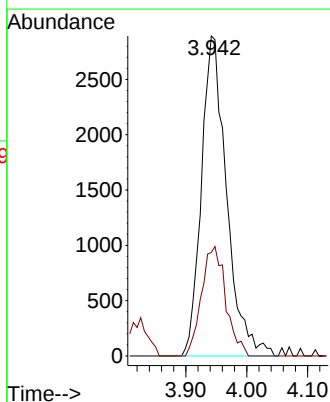
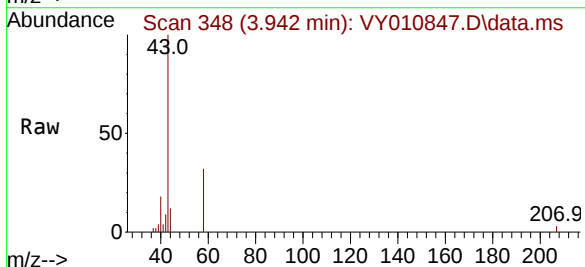
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5RE

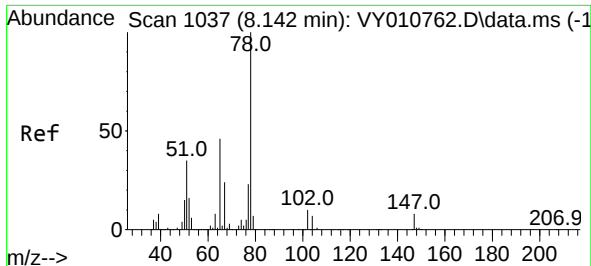
Tgt Ion:168 Resp: 180720
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 17.886 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 43 Resp: 8321
Ion Ratio Lower Upper
43 100
58 32.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 63.696 ug/l

RT: 8.136 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

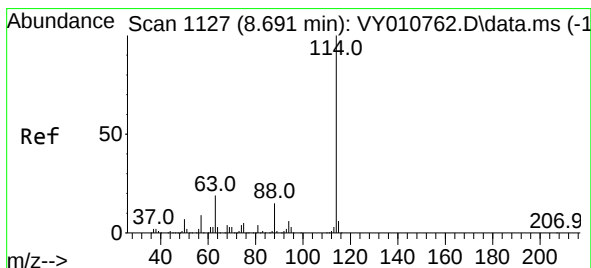
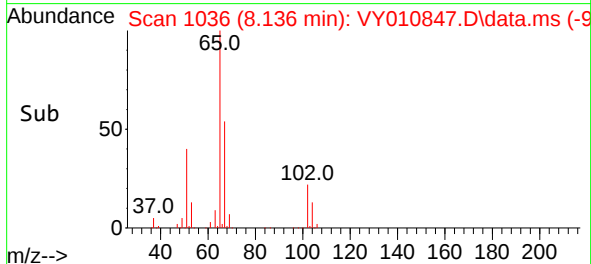
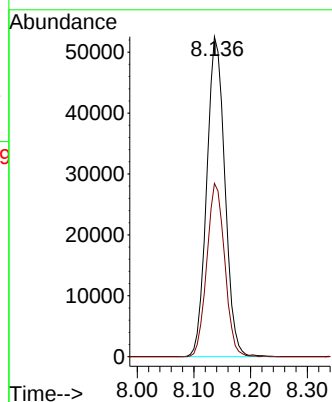
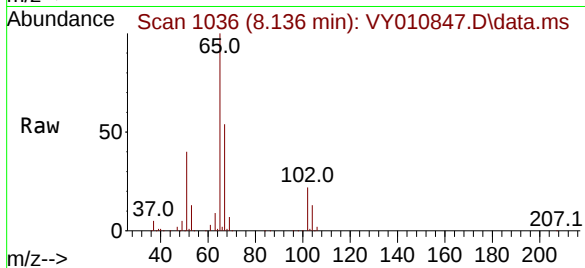
D22011-8.5RE

Tgt Ion: 65 Resp: 116679

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: VY010847.D

Acq: 06 Oct 2022 16:07

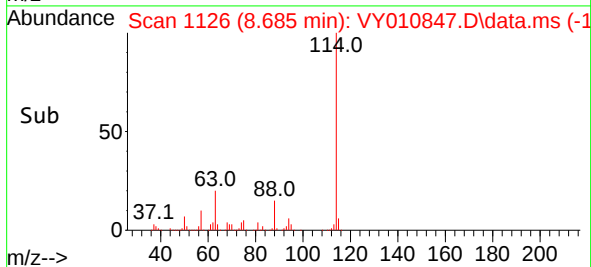
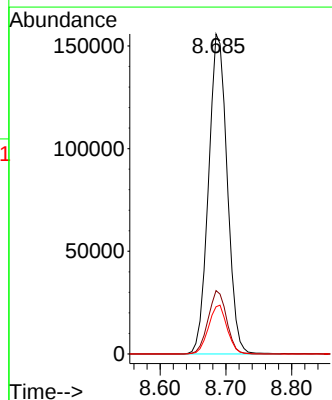
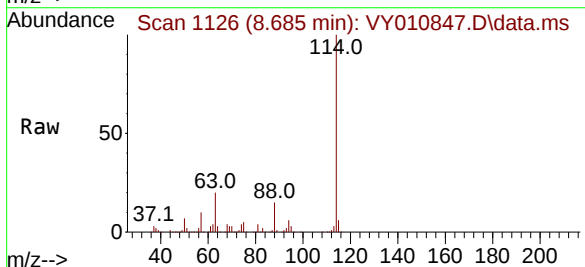
Tgt Ion: 114 Resp: 307129

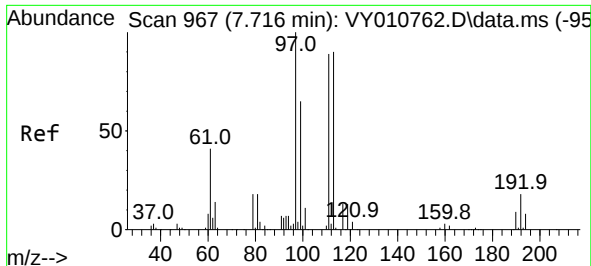
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.8 0.0 31.8

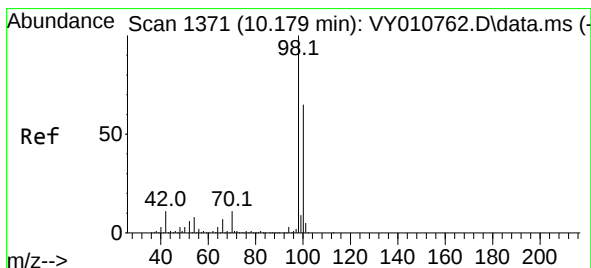
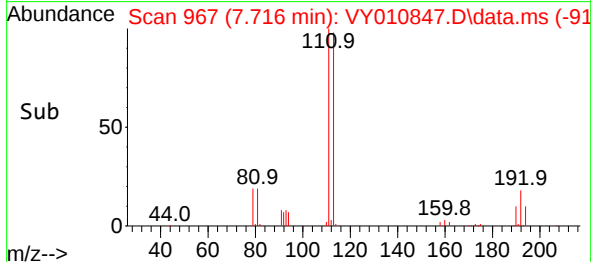
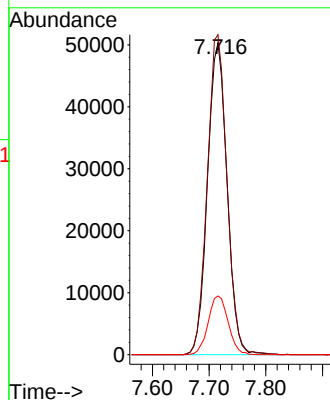
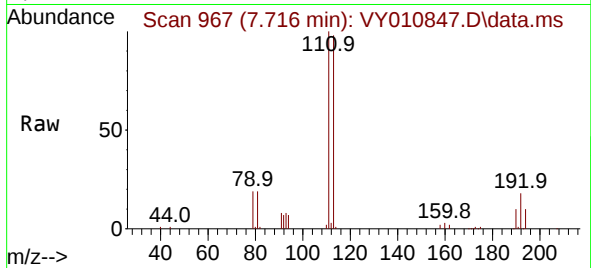




#35
Dibromofluoromethane
Concen: 59.076 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

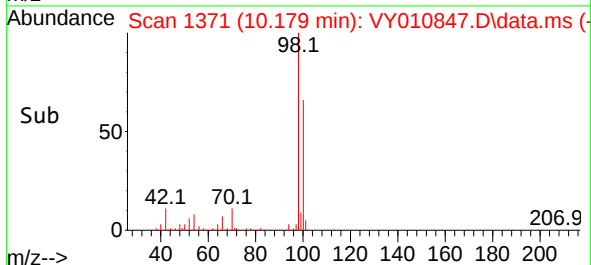
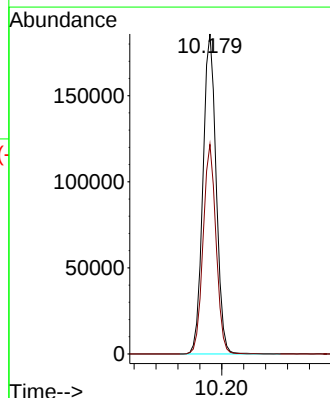
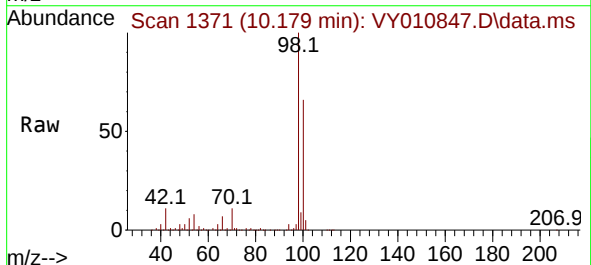
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5RE

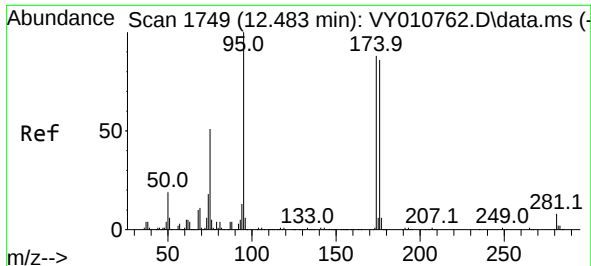
Tgt Ion:113 Resp: 120441
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 44.491 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 98 Resp: 310201
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

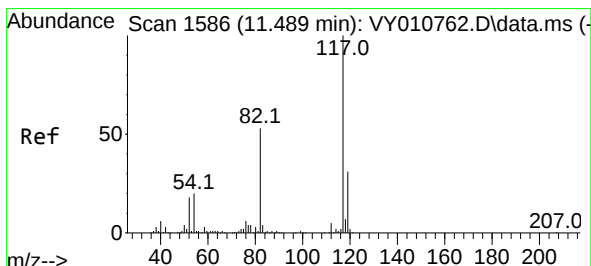
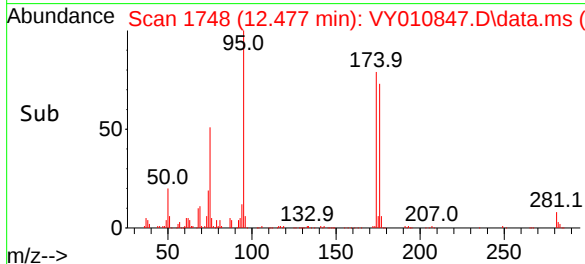
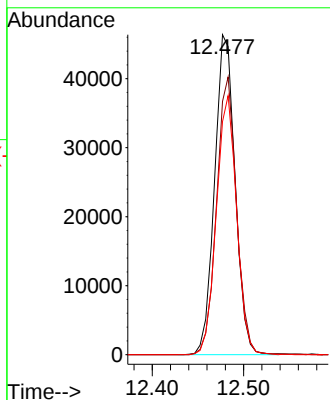
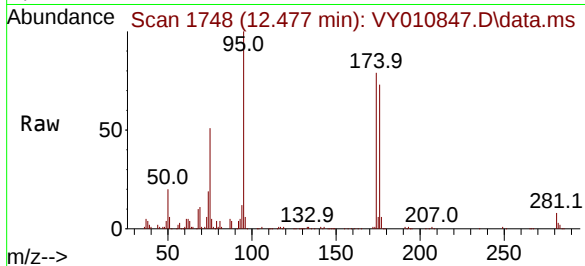




#62
4-Bromofluorobenzene
Concen: 24.664 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

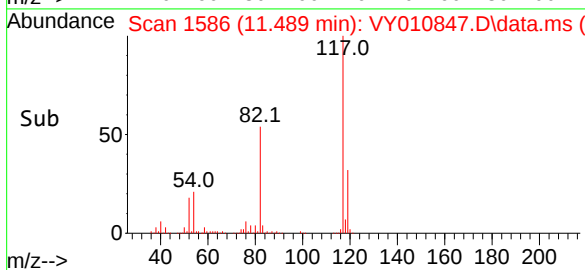
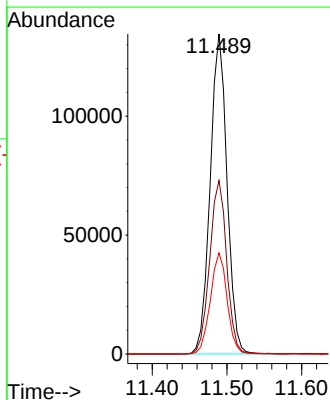
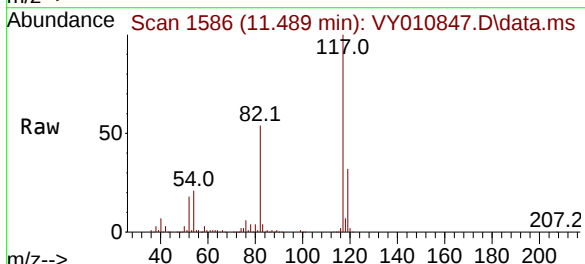
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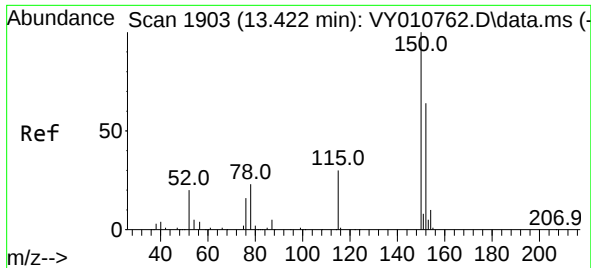
Tgt Ion: 95 Resp: 72263
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 117 Resp: 211123
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 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: VY010847.D

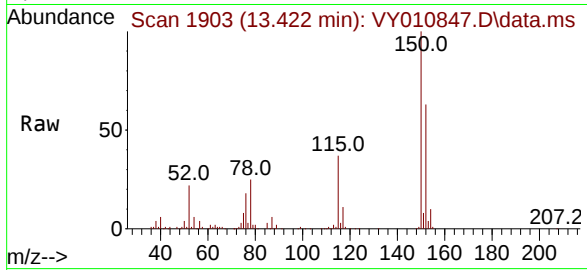
Acq: 06 Oct 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

D22011-8.5RE



Tgt Ion:152 Resp: 52225

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.9 0.0 347.6

