

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011409.D
 Acq On : 11 Nov 2022 11:38
 Operator : KP/MD
 Sample : N5524-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

Quant Time: Nov 11 13:33:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

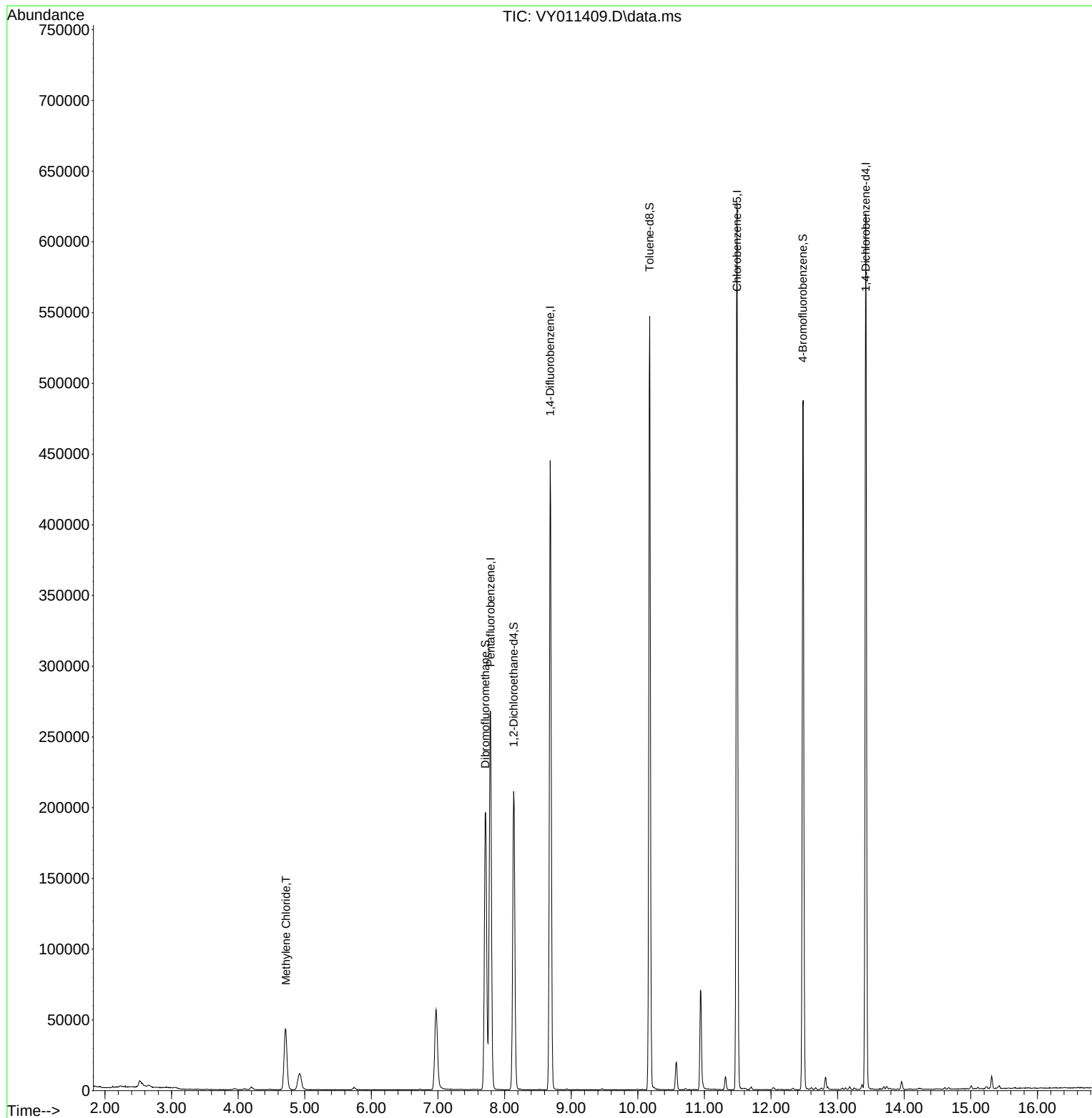
Internal Standards						
1) Pentafluorobenzene	7.789	168	221176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	398985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164341	88.671	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	177.340%#	
35) Dibromofluoromethane	7.710	113	145285	64.975	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	129.960%	
50) Toluene-d8	10.179	98	368190	43.103	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	86.200%	
62) 4-Bromofluorobenzene	12.477	95	153223	51.427	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	102.860%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	36316	7.255	ug/l	# 76

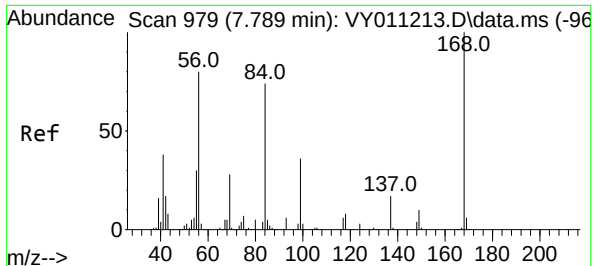
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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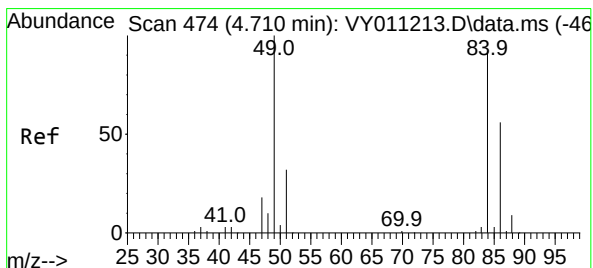
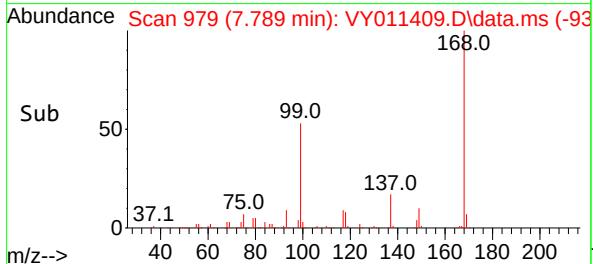
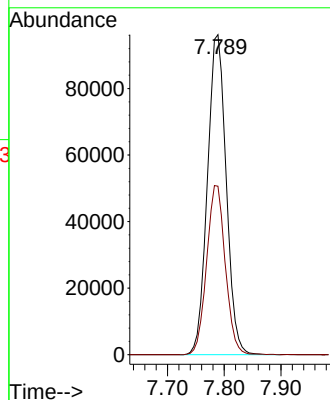
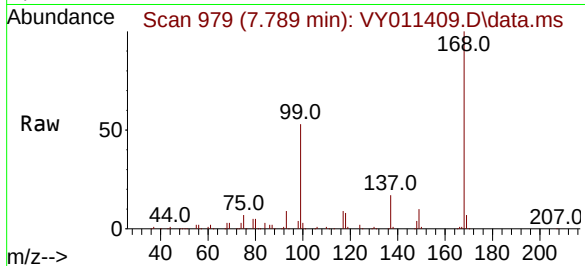




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

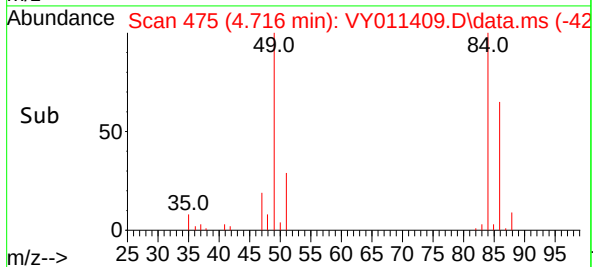
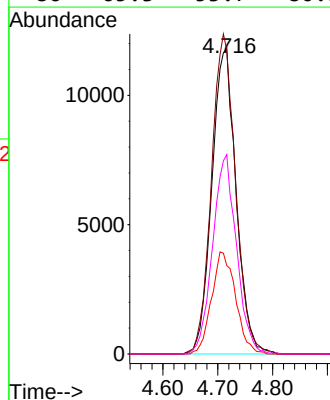
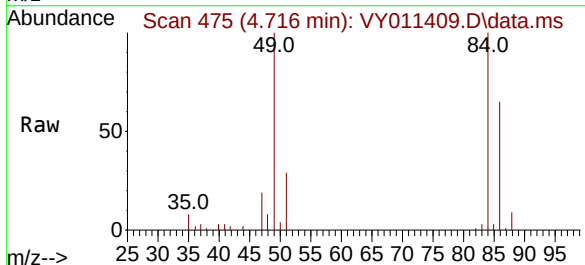
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

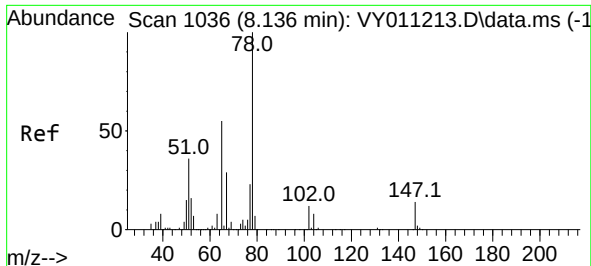
Tgt Ion:168 Resp: 221176
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#20
Methylene Chloride
Concen: 7.255 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 84 Resp: 36316
Ion Ratio Lower Upper
84 100
49 99.5 114.4 171.6#
51 29.0 35.3 52.9#
86 65.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 88.671 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011409.D

Acq: 11 Nov 2022 11:38

Instrument :

MSVOA_Y

ClientSampleId :

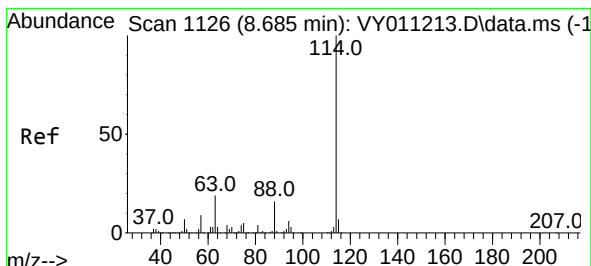
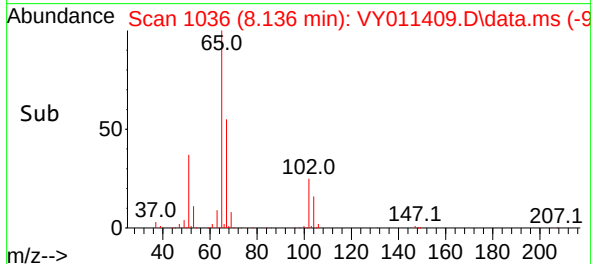
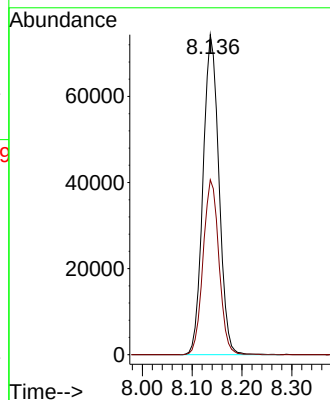
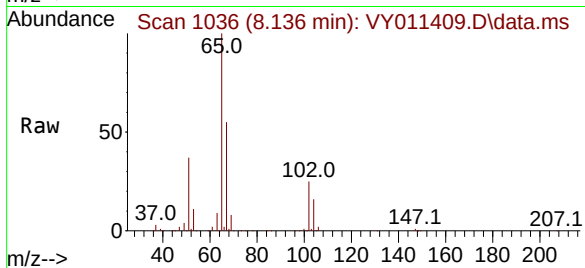
72-11995

Tgt Ion: 65 Resp: 164341

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011409.D

Acq: 11 Nov 2022 11:38

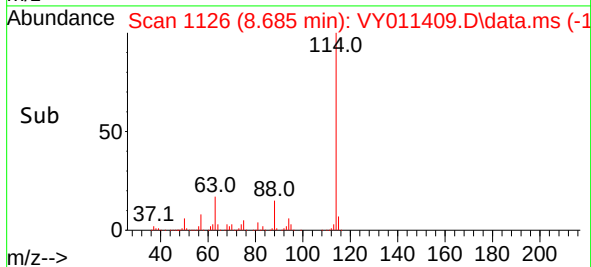
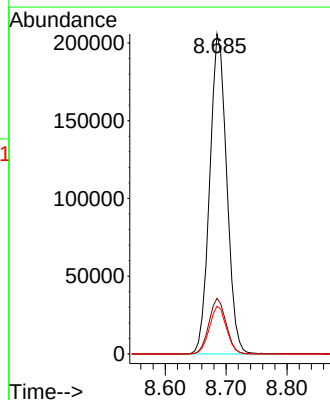
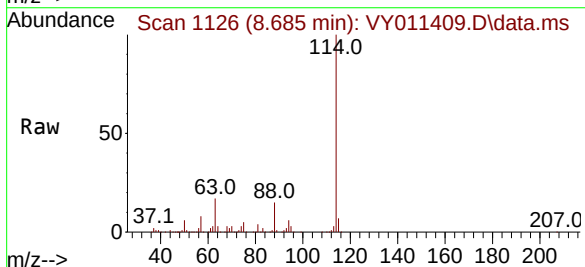
Tgt Ion: 114 Resp: 398985

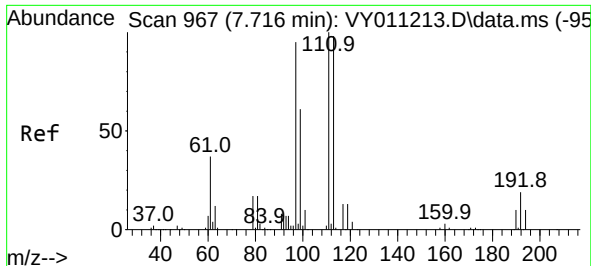
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.9 0.0 31.8

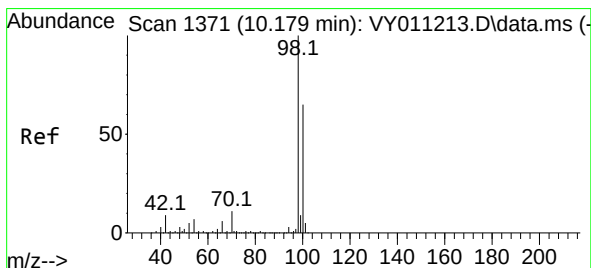
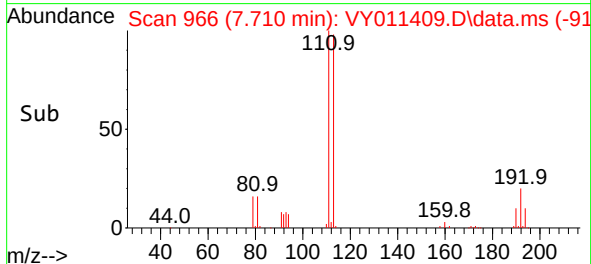
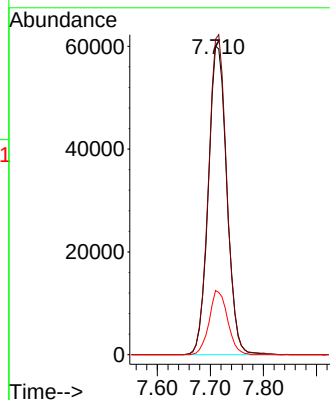
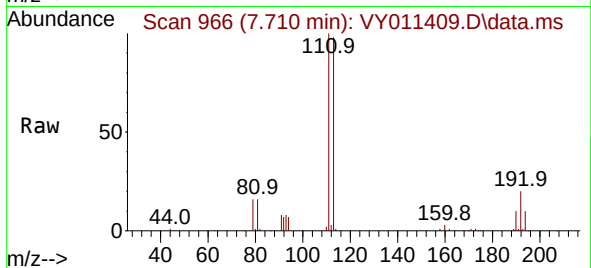




#35
Dibromofluoromethane
Concen: 64.975 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

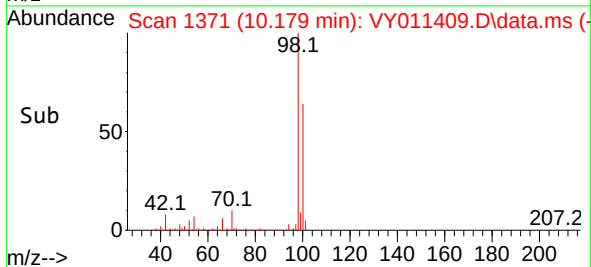
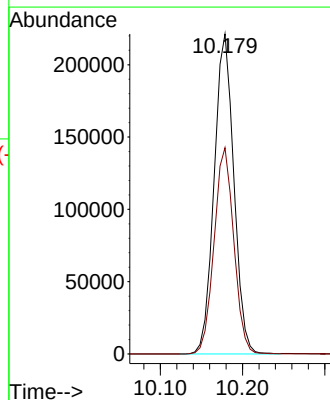
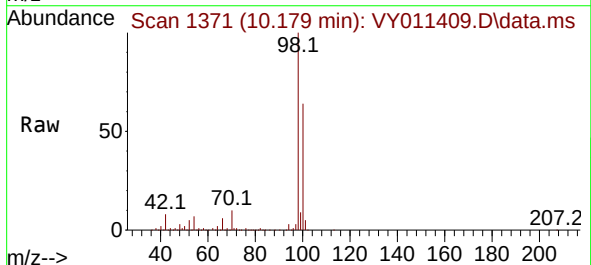
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

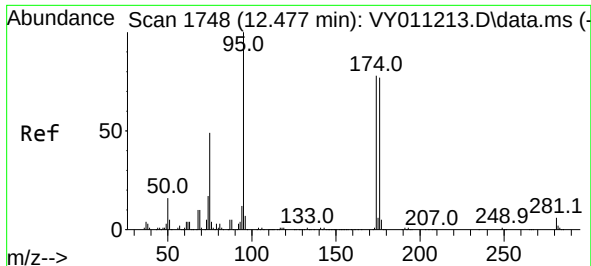
Tgt Ion:113 Resp: 145285
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 43.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 98 Resp: 368190
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

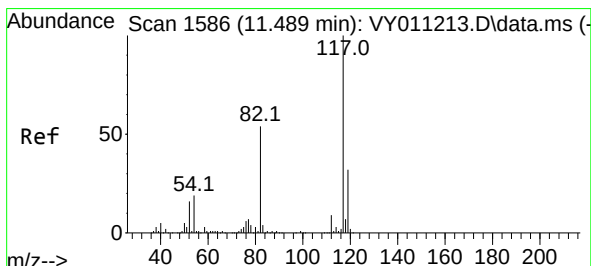
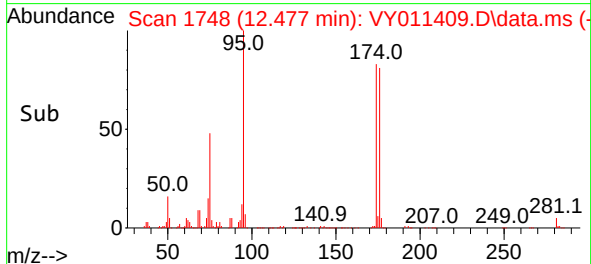
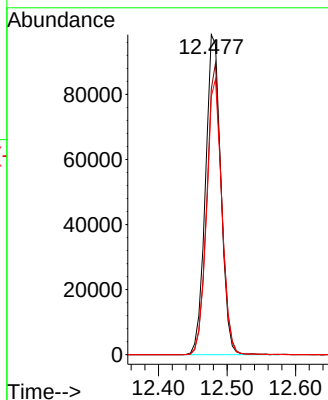
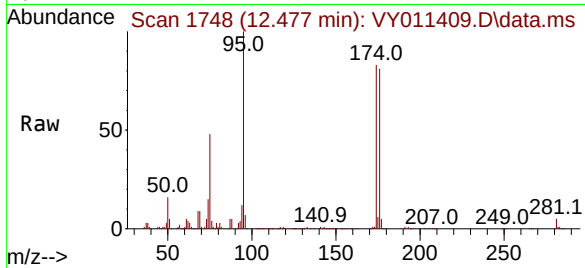




#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

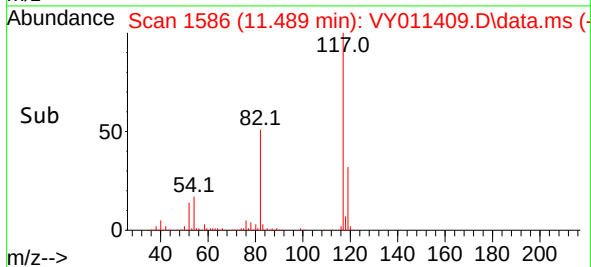
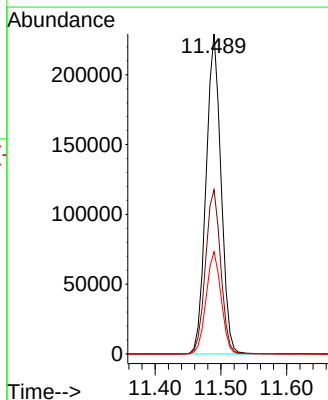
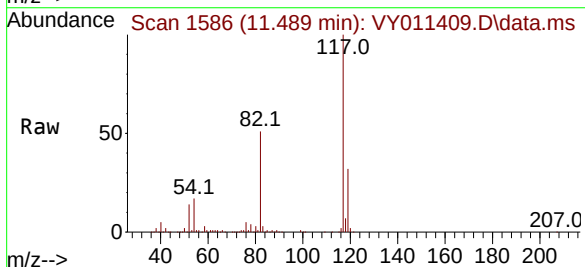
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

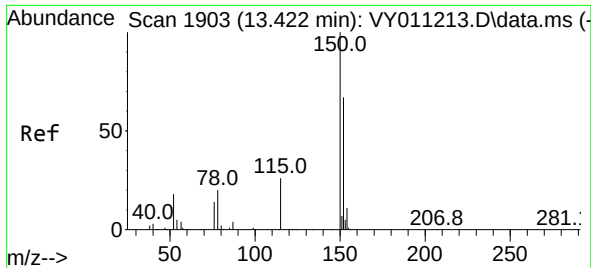
Tgt Ion: 95 Resp: 153223
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

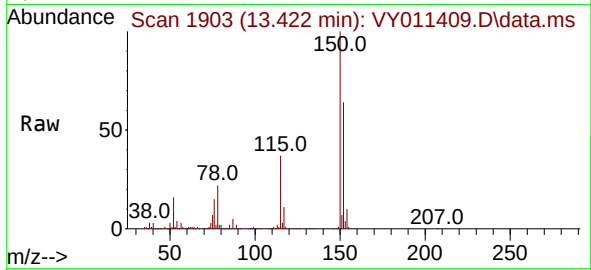
Tgt Ion: 117 Resp: 362060
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011409.D
 Acq: 11 Nov 2022 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995



Tgt Ion:152 Resp: 165714

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.2	84.7
150	158.0	0.0	347.6

