

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012163.D
 Acq On : 11 Jan 2023 15:12
 Operator : KP/MD
 Sample : 01124-01
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

Quant Time: Jan 12 05:50:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

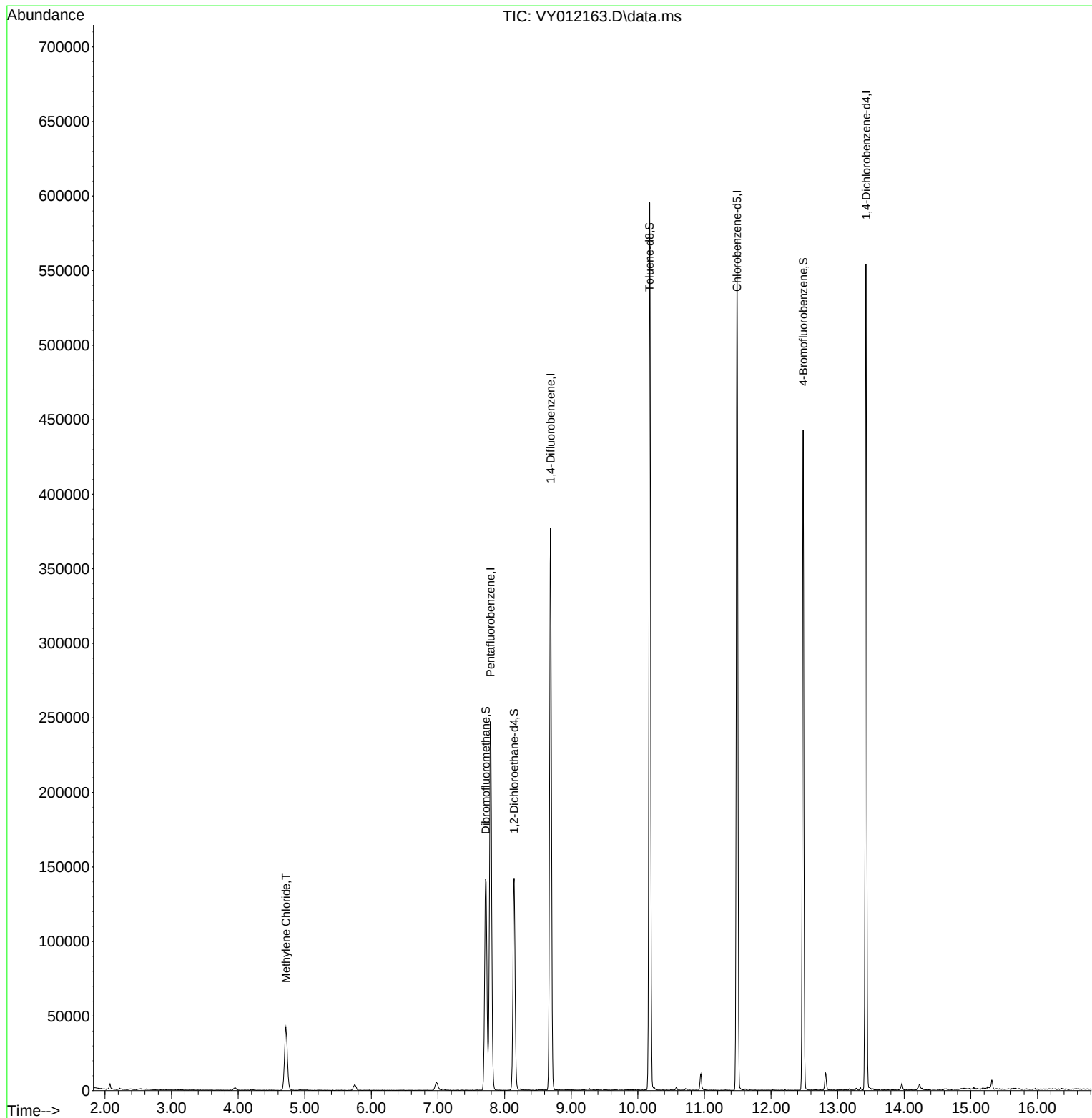
Internal Standards						
1) Pentafluorobenzene	7.789	168	197744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118904	53.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.716	113	101037	46.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.680%
50) Toluene-d8	10.179	98	394109	45.794	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.483	95	133470	44.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.740%
Target Compounds						
20) Methylene Chloride	4.716	84	34016	10.748	ug/l	Qvalue 90

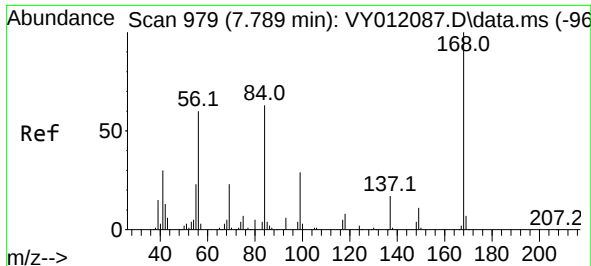
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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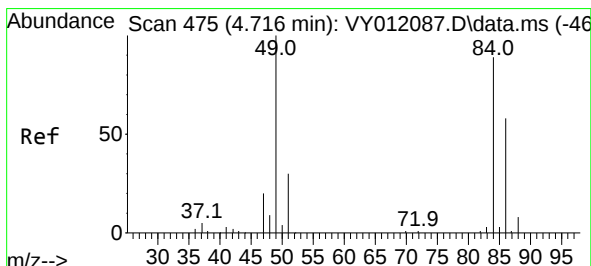
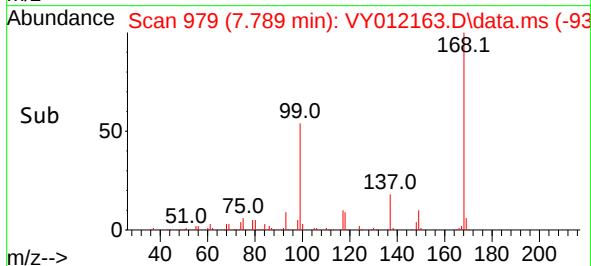
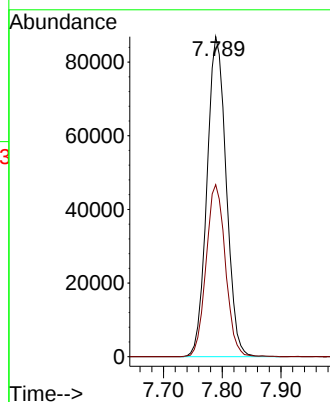
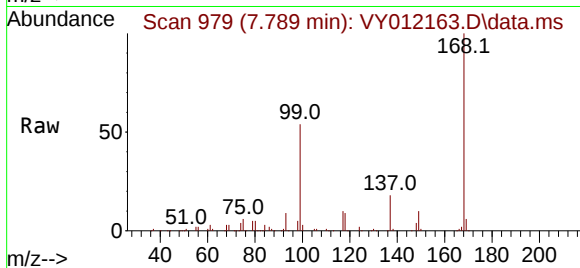




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012163.D
Acq: 11 Jan 2023 15:12

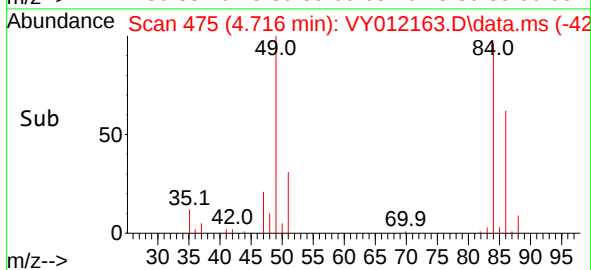
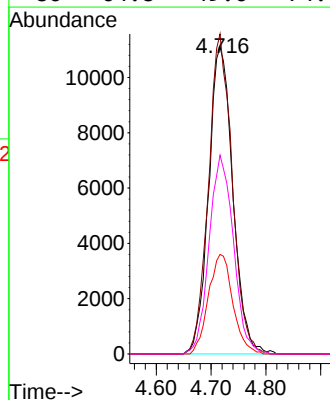
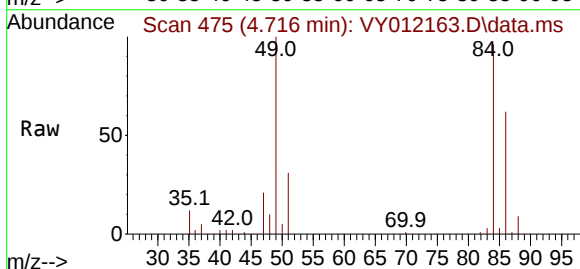
Instrument :
MSVOA_Y
ClientSampleId :
TP-C

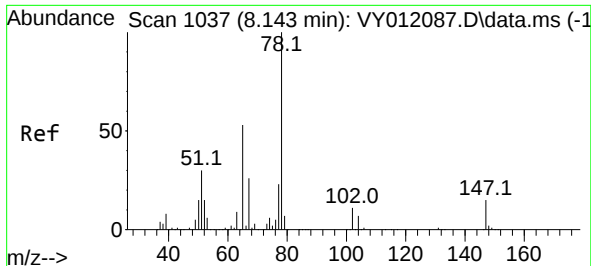
Tgt Ion:168 Resp: 197744
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#20
Methylene Chloride
Concen: 10.748 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012163.D
Acq: 11 Jan 2023 15:12

Tgt Ion: 84 Resp: 34016
Ion Ratio Lower Upper
84 100
49 104.3 95.4 143.2
51 32.4 29.9 44.9
86 64.8 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 53.513 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012163.D

Acq: 11 Jan 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

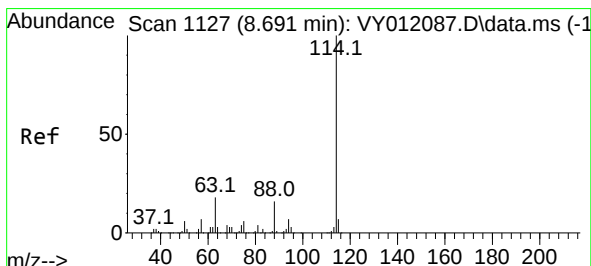
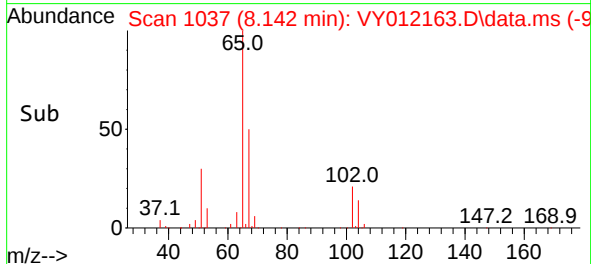
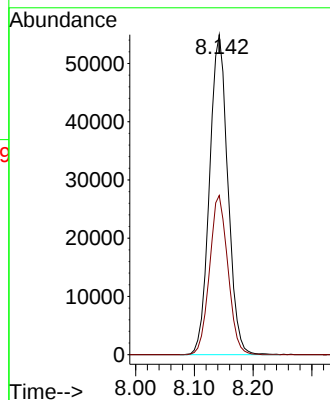
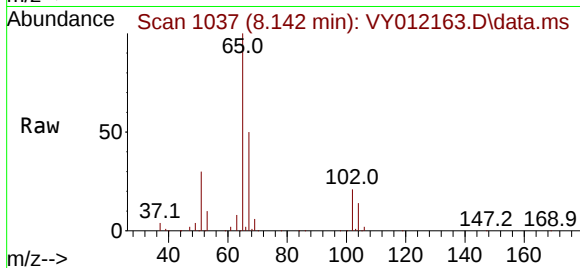
TP-C

Tgt Ion: 65 Resp: 118904

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012163.D

Acq: 11 Jan 2023 15:12

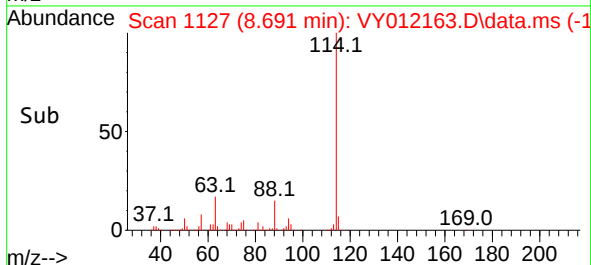
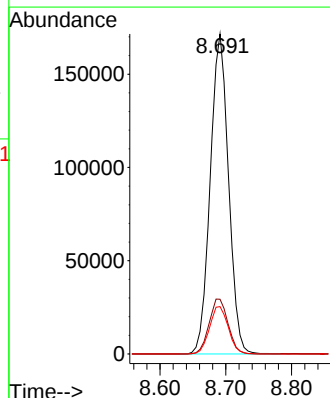
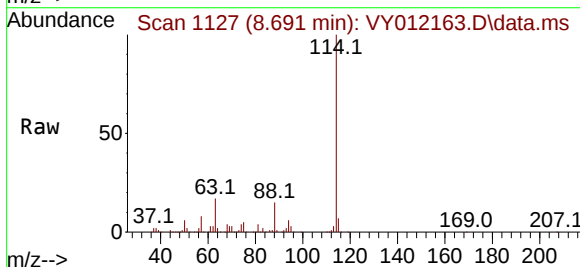
Tgt Ion:114 Resp: 331727

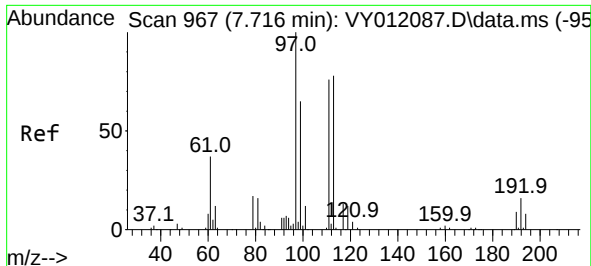
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.8 0.0 32.2



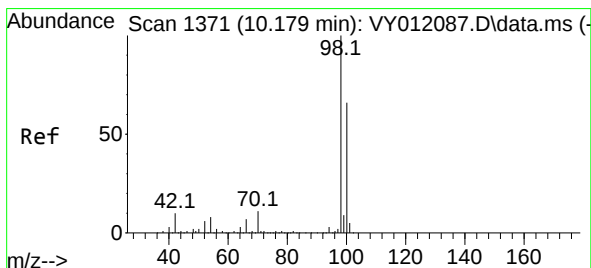
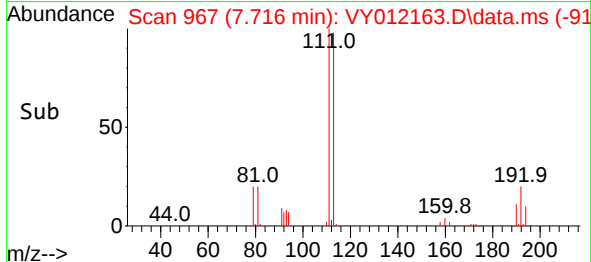
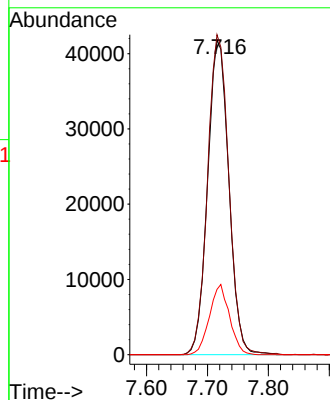
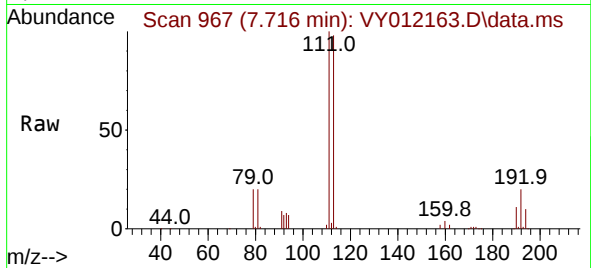


#35
 Dibromofluoromethane
 Concen: 46.339 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012163.D
 Acq: 11 Jan 2023 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

Tgt Ion:113 Resp: 101037

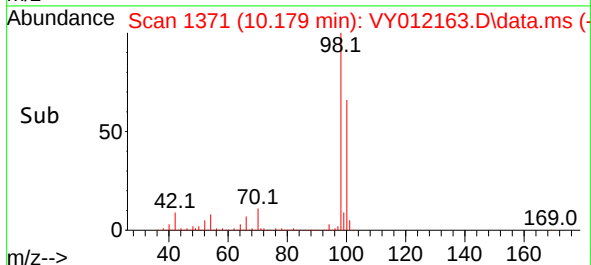
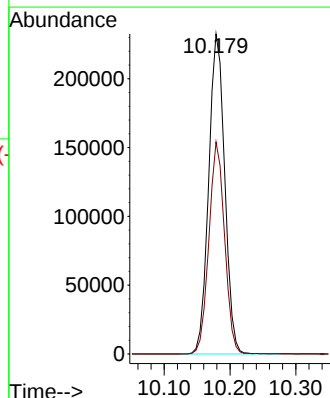
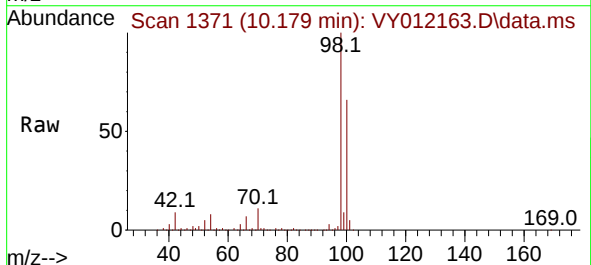
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	21.1	16.0	24.0

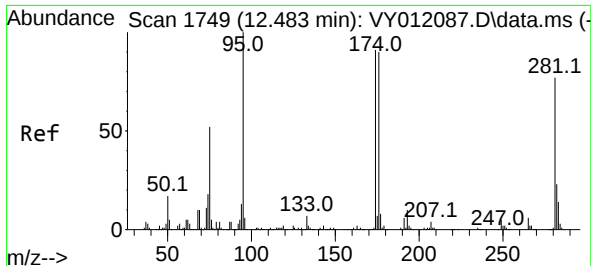


#50
 Toluene-d8
 Concen: 45.794 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012163.D
 Acq: 11 Jan 2023 15:12

Tgt Ion: 98 Resp: 394109

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

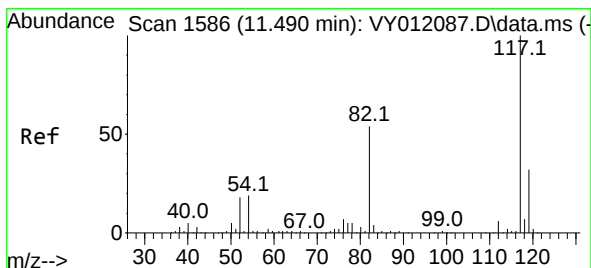
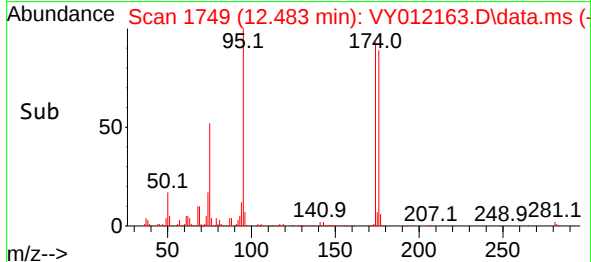
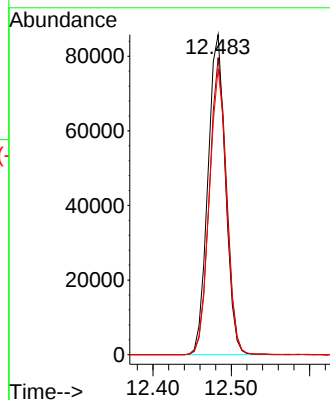
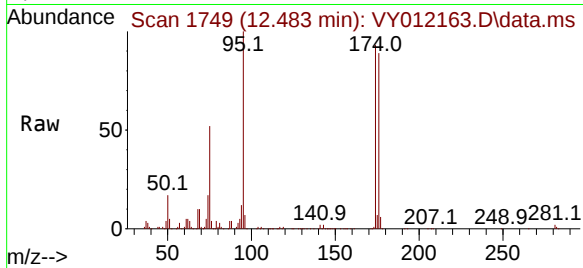




#62
4-Bromofluorobenzene
Concen: 44.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012163.D
Acq: 11 Jan 2023 15:12

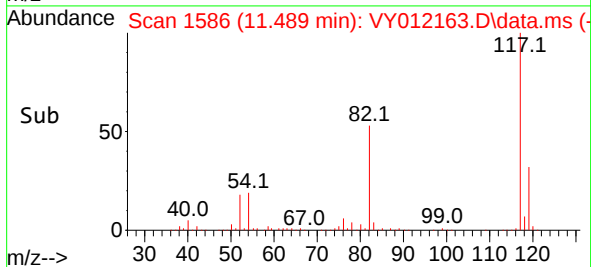
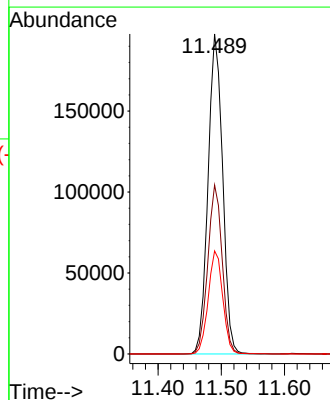
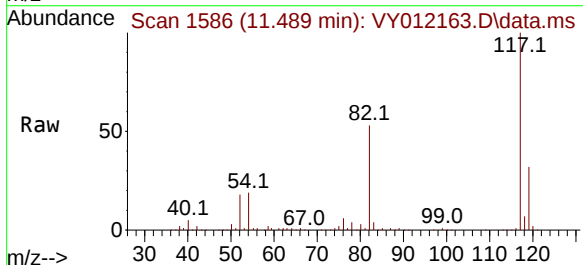
Instrument :
MSVOA_Y
ClientSampleId :
TP-C

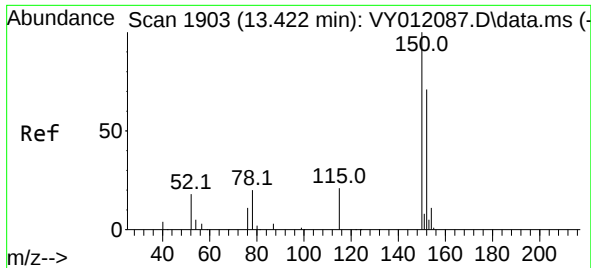
Tgt Ion: 95 Resp: 133470
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.0
176 88.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012163.D
Acq: 11 Jan 2023 15:12

Tgt Ion: 117 Resp: 316893
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012163.D

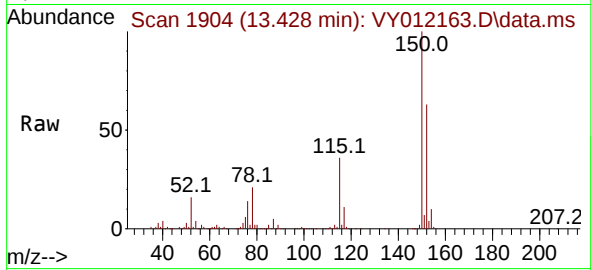
Acq: 11 Jan 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-C



Tgt Ion:152 Resp: 150089

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 156.7 0.0 342.6

