

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012186.D
 Acq On : 13 Jan 2023 12:26
 Operator : KP/MD
 Sample : 01140-01
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-D

Quant Time: Jan 16 08:17:54 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)

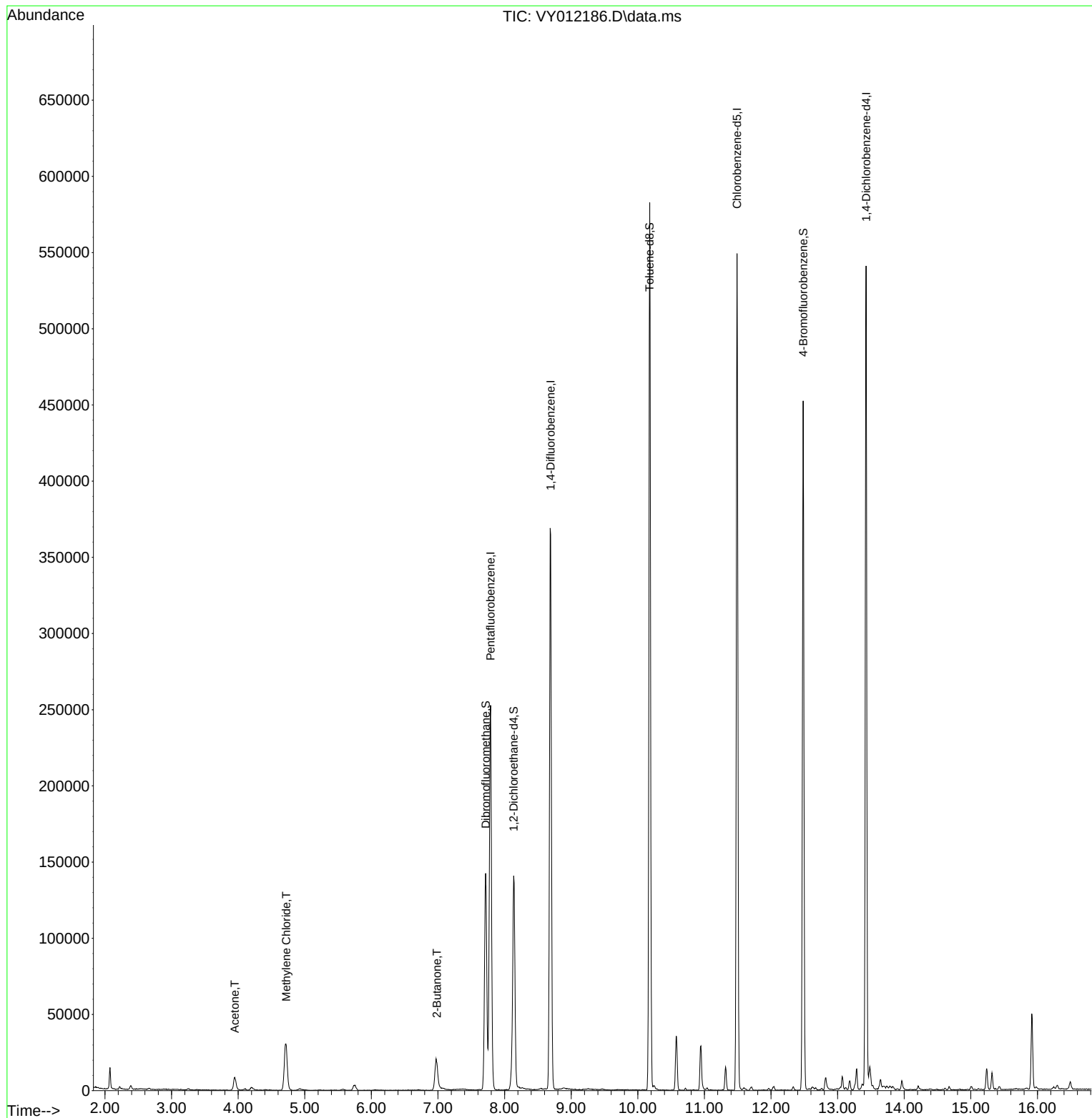
Internal Standards						
1) Pentafluorobenzene	7.789	168	200259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110175	48.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.716	113	98712	45.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.540%
50) Toluene-d8	10.179	98	383197	45.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.483	95	128560	43.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.420%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	14800	27.959	ug/l	96
20) Methylene Chloride	4.722	84	25967	6.450	ug/l #	86
25) 2-Butanone	6.984	43	5950	8.520	ug/l	94

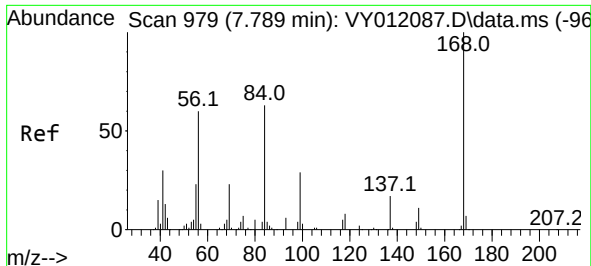
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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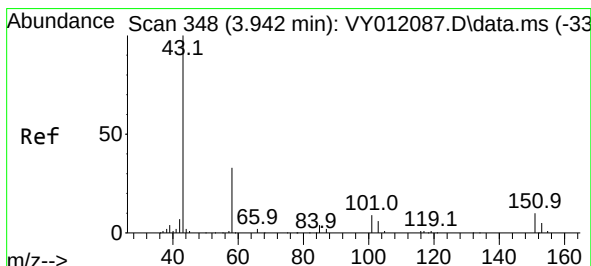
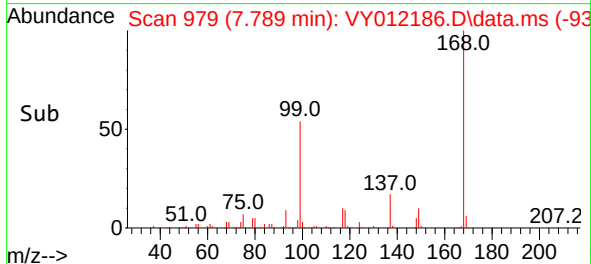
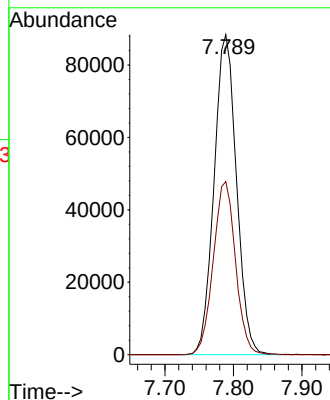
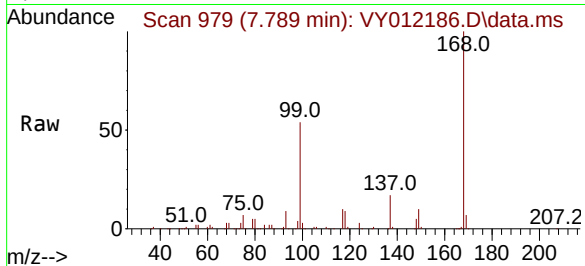




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

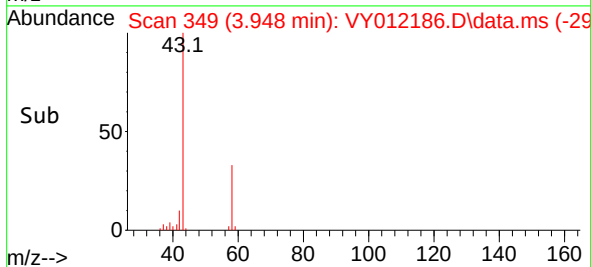
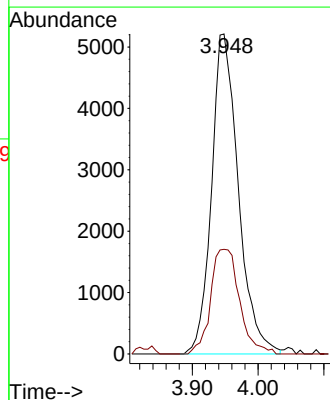
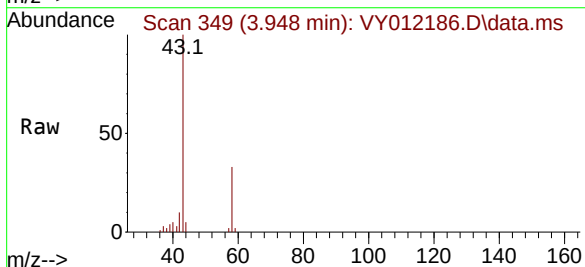
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

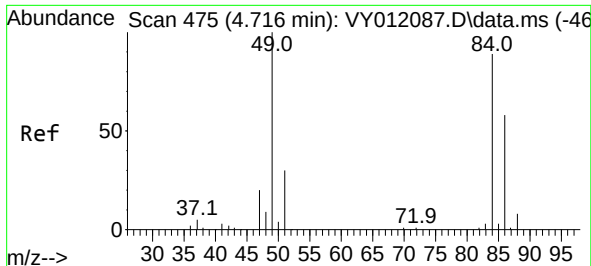
Tgt Ion:168 Resp: 200259
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#16
Acetone
Concen: 27.959 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

Tgt Ion: 43 Resp: 14800
Ion Ratio Lower Upper
43 100
58 32.7 27.9 41.9

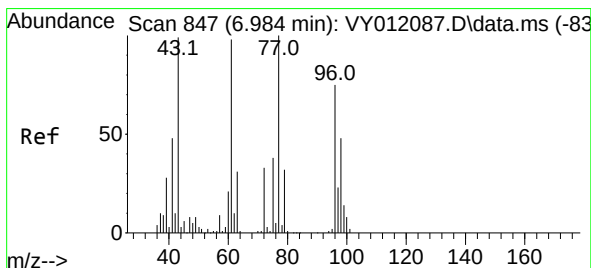
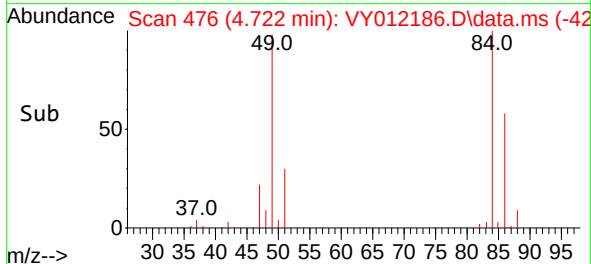
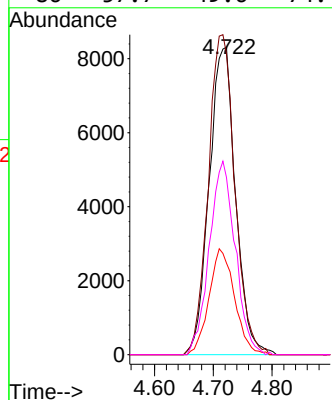
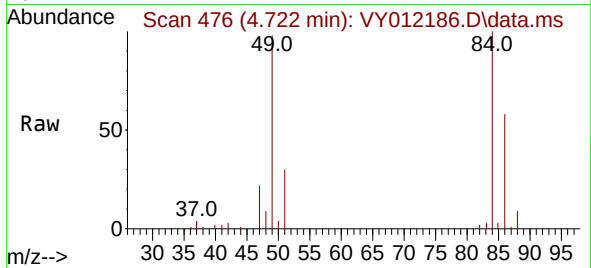




#20
Methylene Chloride
Concen: 6.450 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

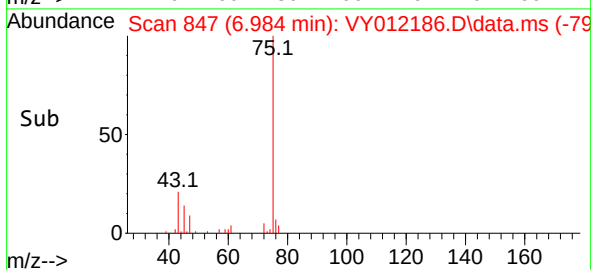
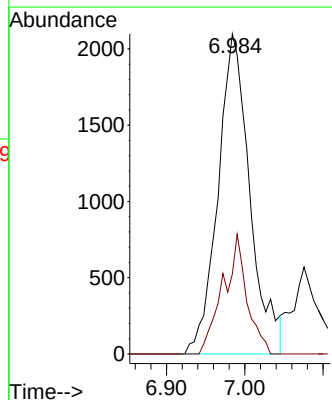
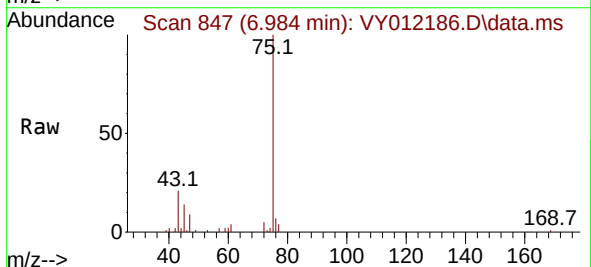
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

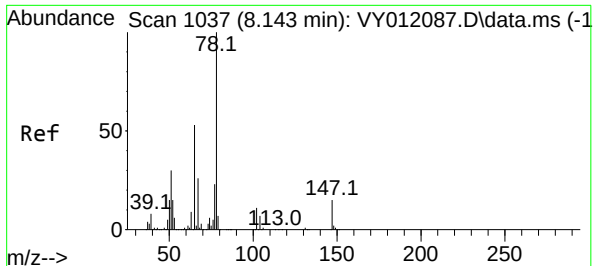
Tgt Ion: 84	Resp: 25967
Ion Ratio	Lower Upper
84 100	
49 97.9	95.4 143.2
51 29.8	29.9 44.9#
86 57.7	49.6 74.4



#25
2-Butanone
Concen: 8.520 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

Tgt Ion: 43	Resp: 5950		
Ion Ratio	Lower	Upper	
43 100			
72 25.0	22.6	34.0	





#33

1,2-Dichloroethane-d4

Concen: 48.962 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY012186.D

Acq: 13 Jan 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

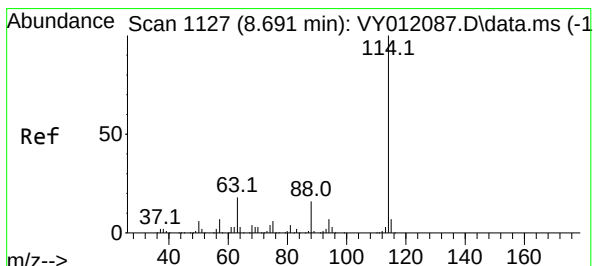
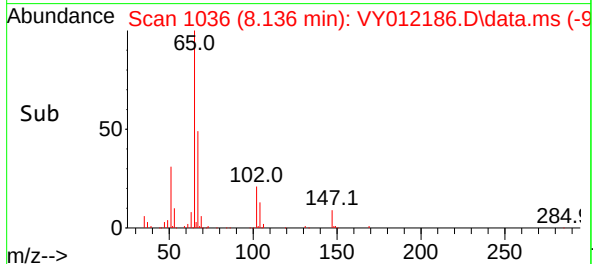
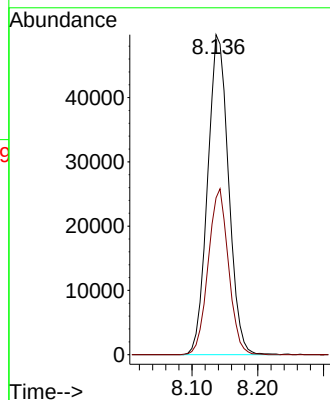
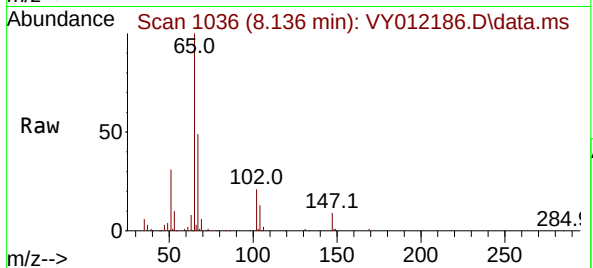
TP-D

Tgt Ion: 65 Resp: 110175

Ion Ratio Lower Upper

65 100

67 50.3 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: VY012186.D

Acq: 13 Jan 2023 12:26

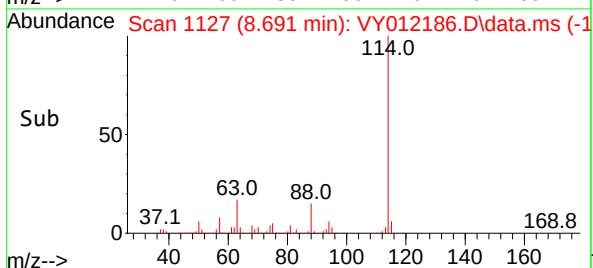
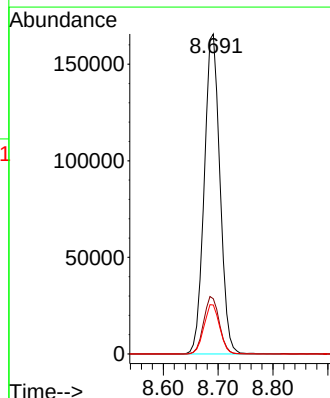
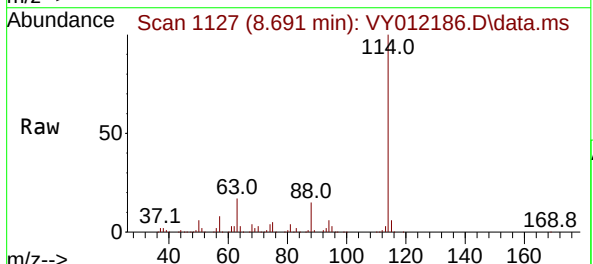
Tgt Ion: 114 Resp: 328101

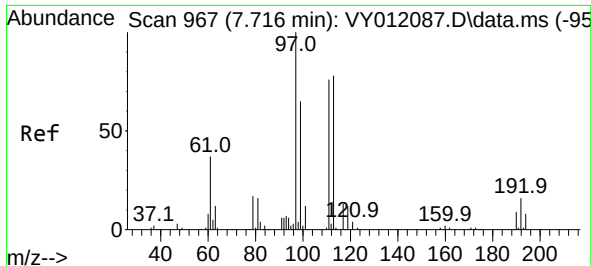
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 15.3 0.0 32.2

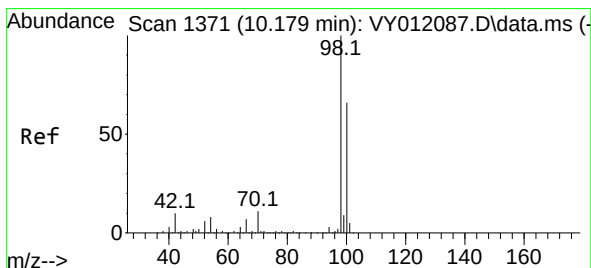
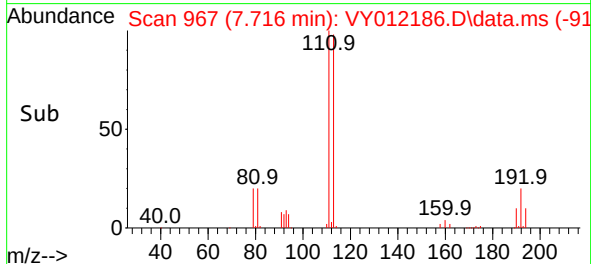
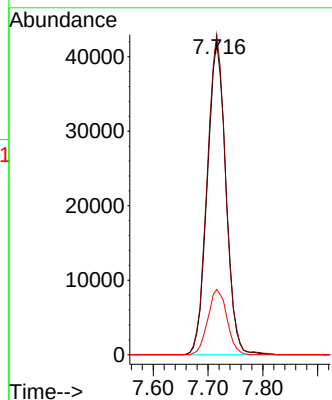
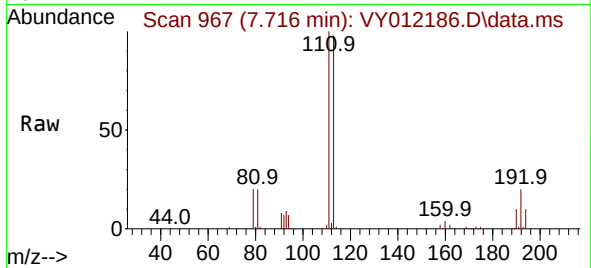




#35
Dibromofluoromethane
Concen: 45.773 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

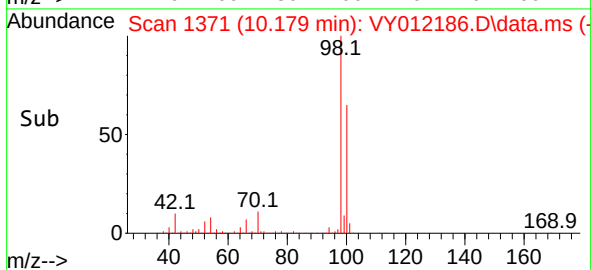
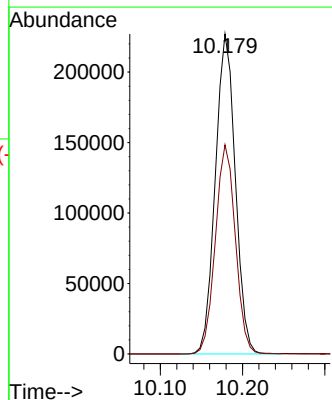
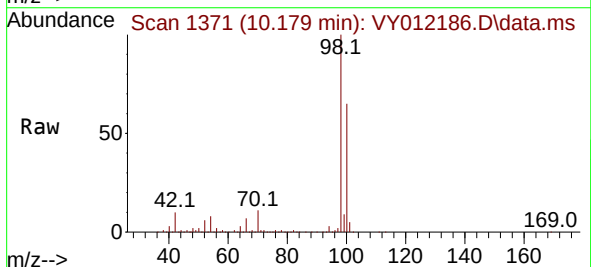
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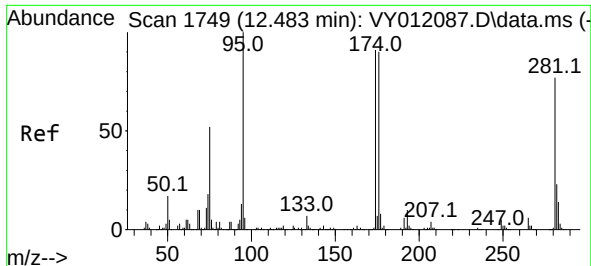
Tgt Ion:113 Resp: 98712
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 21.4 16.0 24.0



#50
Toluene-d8
Concen: 45.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

Tgt Ion: 98 Resp: 383197
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

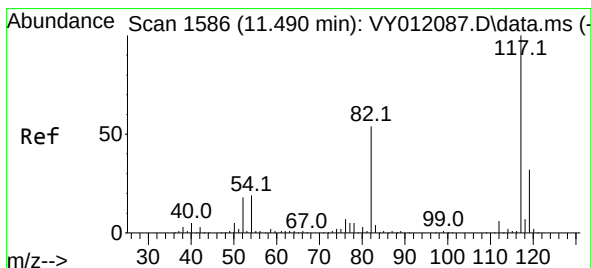
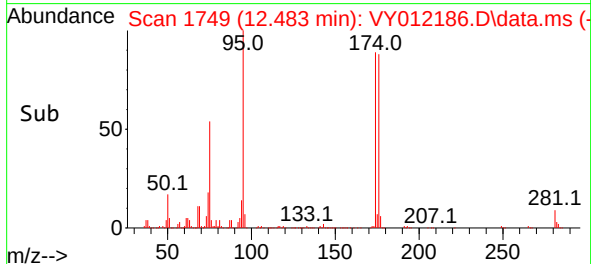
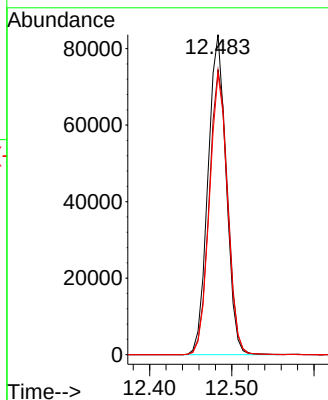
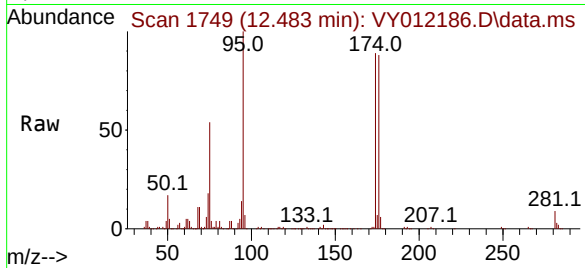




#62
4-Bromofluorobenzene
Concen: 43.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

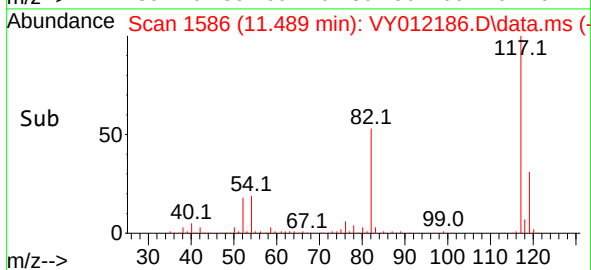
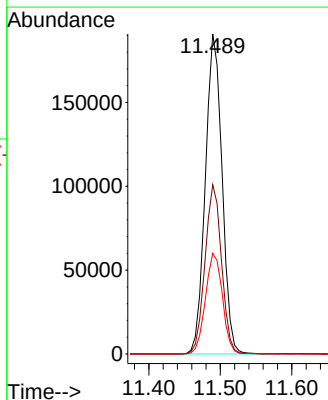
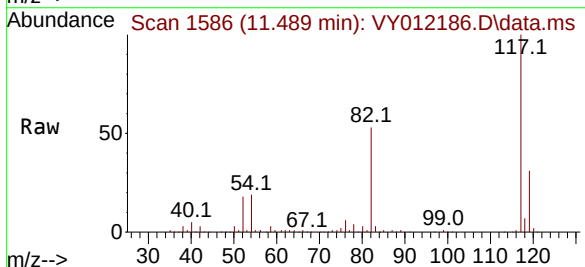
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

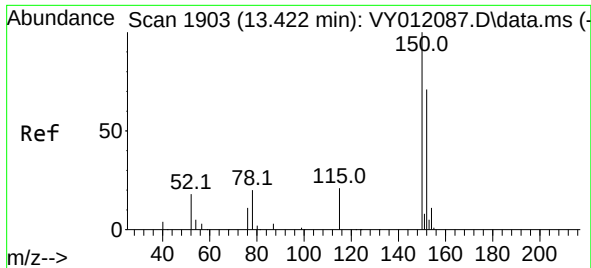
Tgt Ion: 95 Resp: 128560
Ion Ratio Lower Upper
95 100
174 90.7 0.0 172.0
176 87.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012186.D
Acq: 13 Jan 2023 12:26

Tgt Ion: 117 Resp: 309858
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 31.4 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: VY012186.D

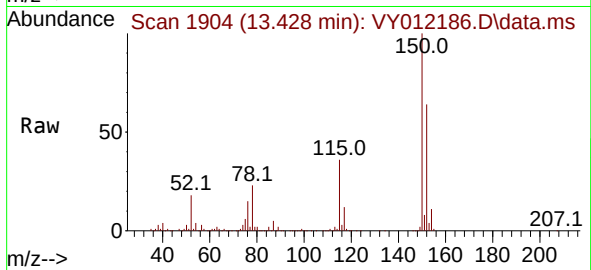
Acq: 13 Jan 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-D



Tgt Ion:152 Resp: 144458

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.3

150 157.5 0.0 342.6

