

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008959.D
 Acq On : 21 May 2022 18:57
 Operator : KP/MD
 Sample : N2888-07
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-1218-01

Quant Time: May 21 21:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

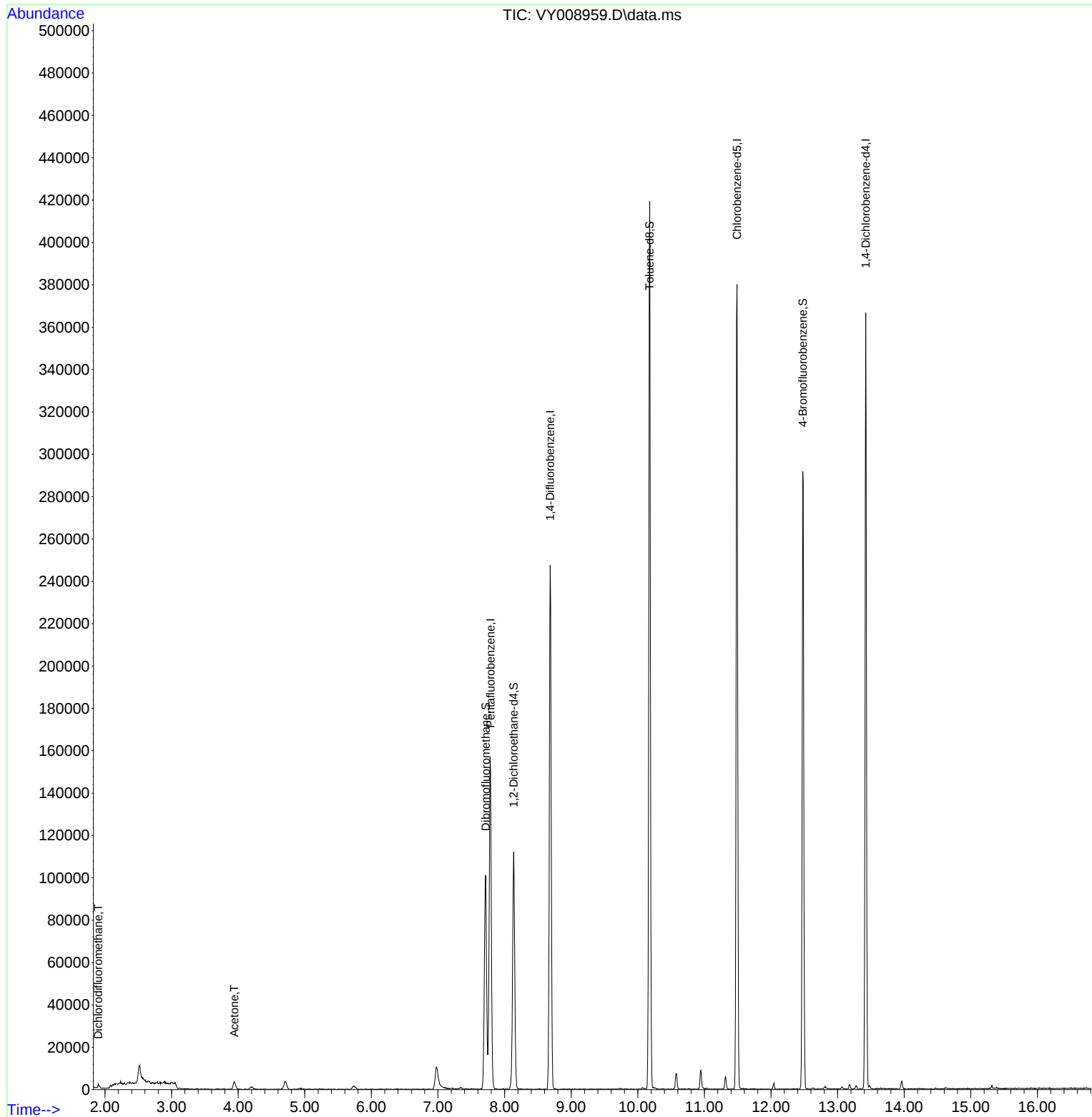
Internal Standards						
1) Pentafluorobenzene	7.789	168	114686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80223	67.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.940%
35) Dibromofluoromethane	7.716	113	67865	52.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.160%
50) Toluene-d8	10.179	98	259461	54.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.980%
62) 4-Bromofluorobenzene	12.477	95	75672	39.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.780%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1297	1.236	ug/l	95
16) Acetone	3.942	43	5824	23.704	ug/l	92

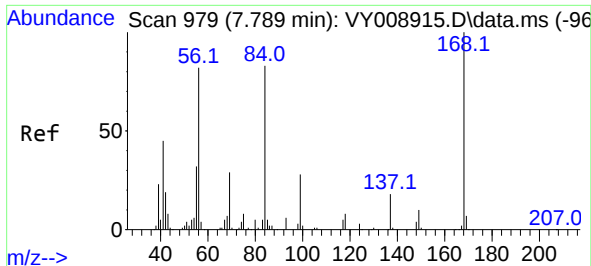
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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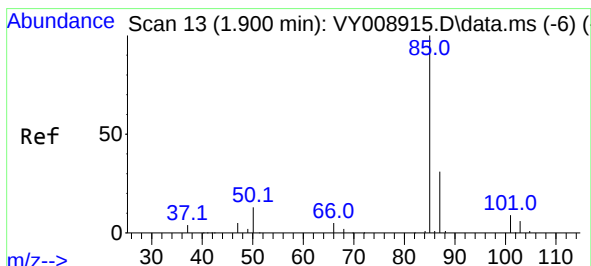
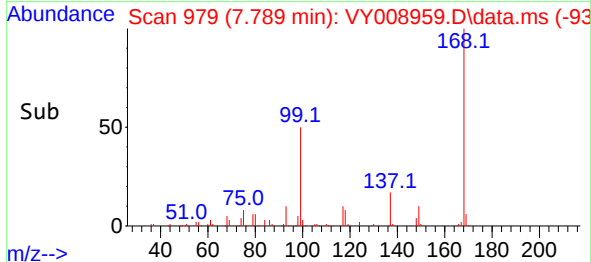
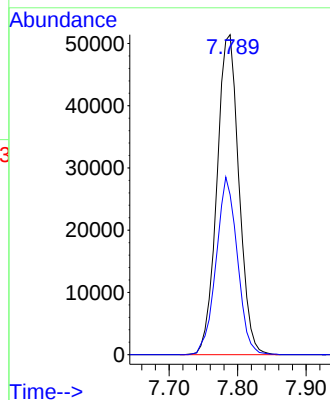
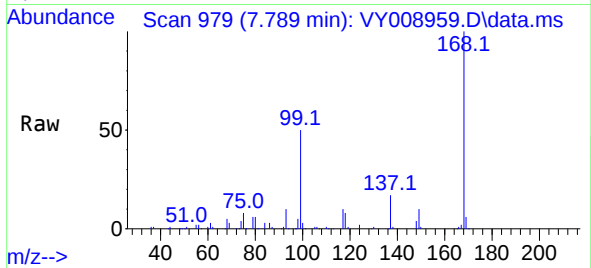




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

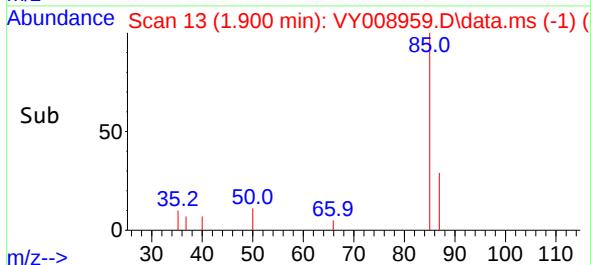
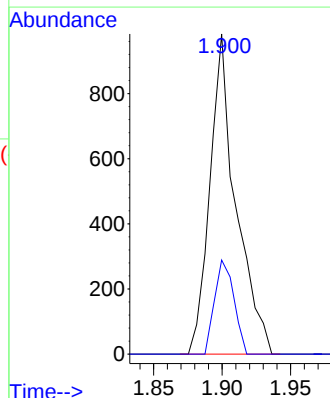
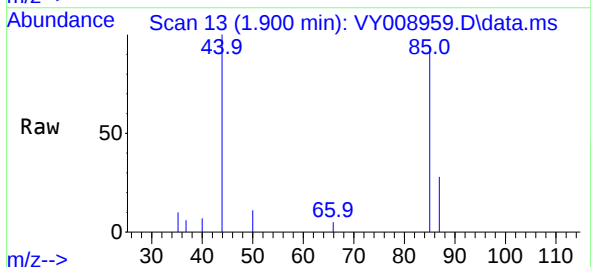
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

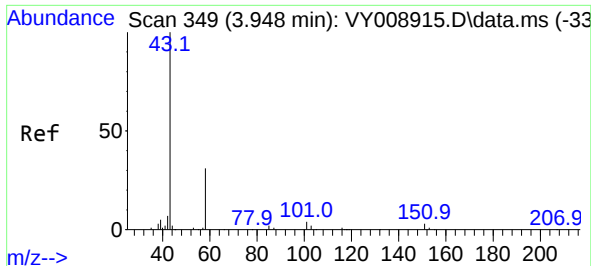
Tgt Ion:168 Resp: 114686
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.236 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 85 Resp: 1297
Ion Ratio Lower Upper
85 100
87 29.4 16.1 48.2

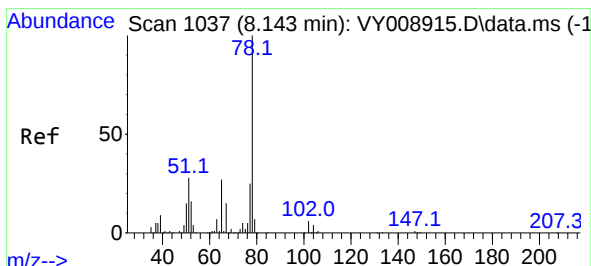
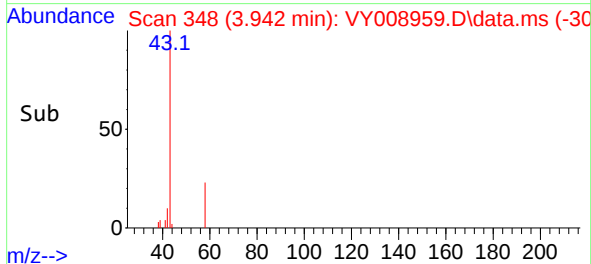
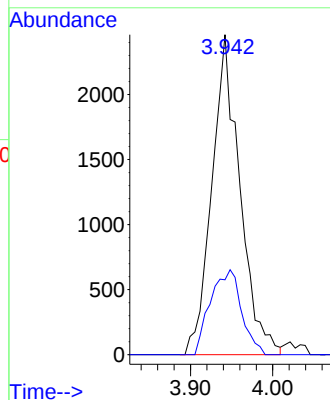
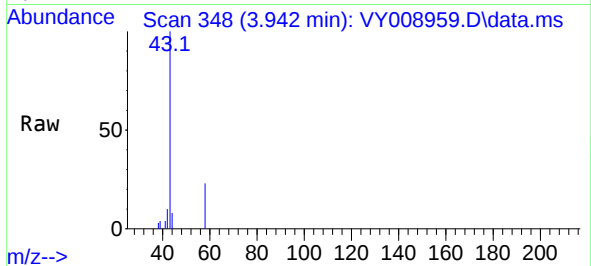




#16
Acetone
Concen: 23.704 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

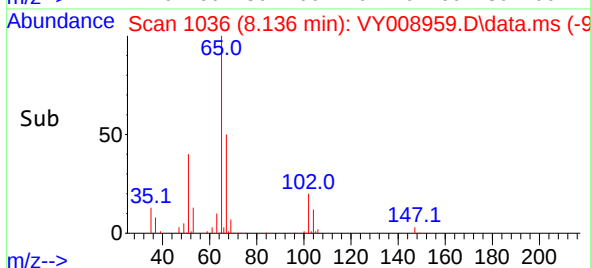
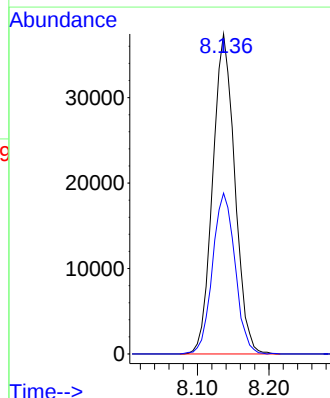
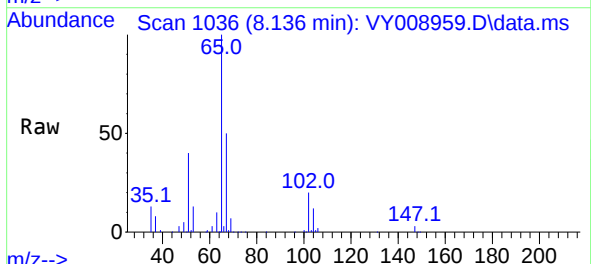
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

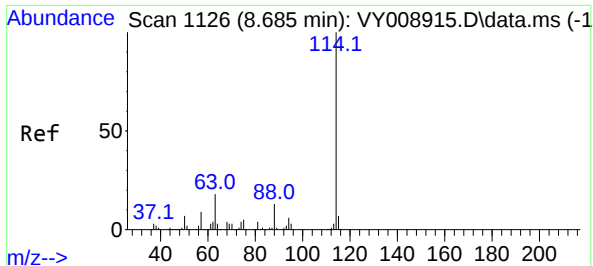
Tgt Ion: 43 Resp: 5824
Ion Ratio Lower Upper
43 100
58 23.4 22.0 33.0



#33
1,2-Dichloroethane-d4
Concen: 67.967 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 65 Resp: 80223
Ion Ratio Lower Upper
65 100
67 51.3 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: VY008959.D

Acq: 21 May 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-1218-01

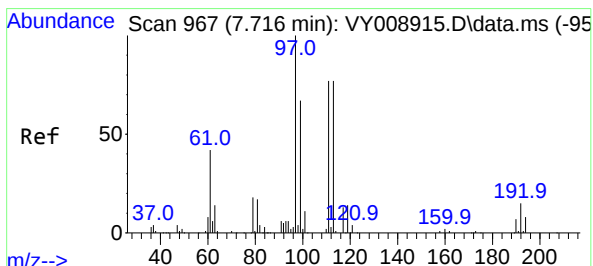
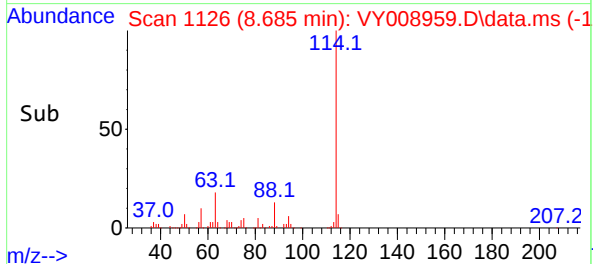
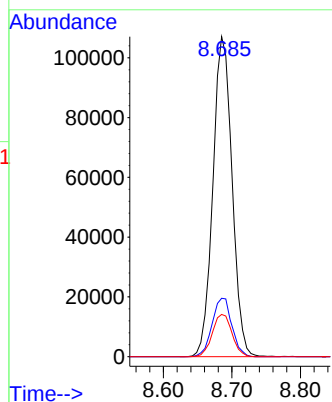
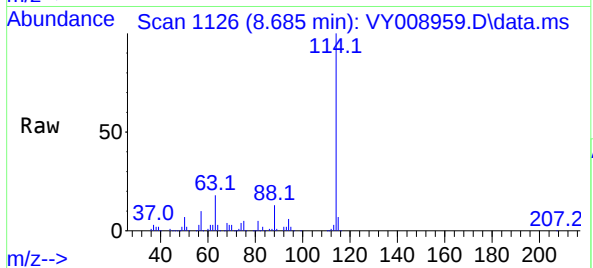
Tgt Ion:114 Resp: 207580

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008959.D

Acq: 21 May 2022 18:57

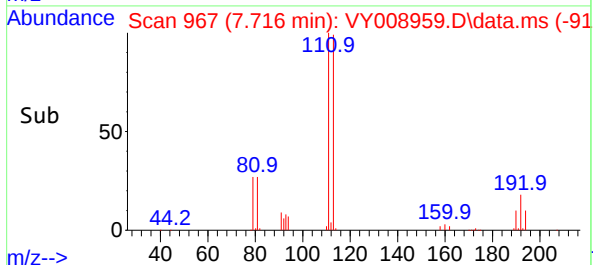
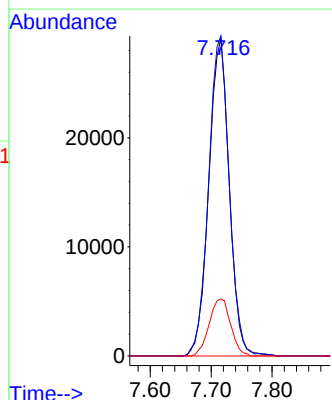
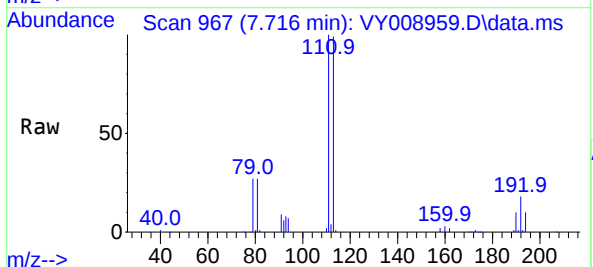
Tgt Ion:113 Resp: 67865

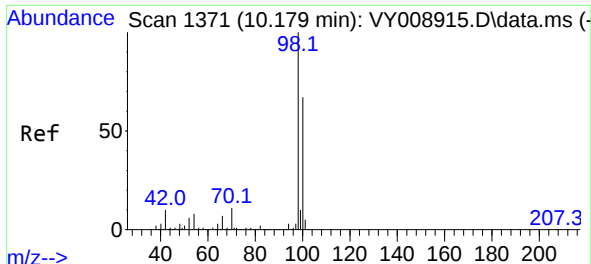
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 18.8 17.6 26.4

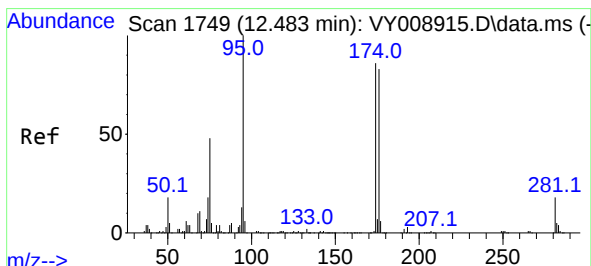
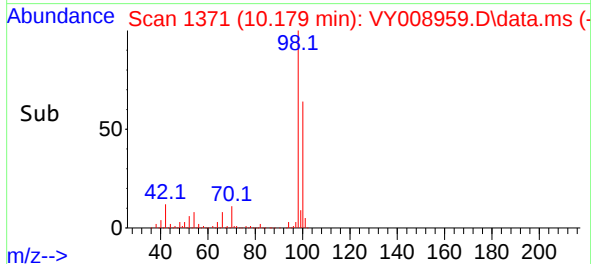
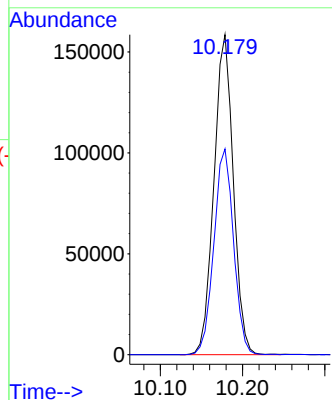
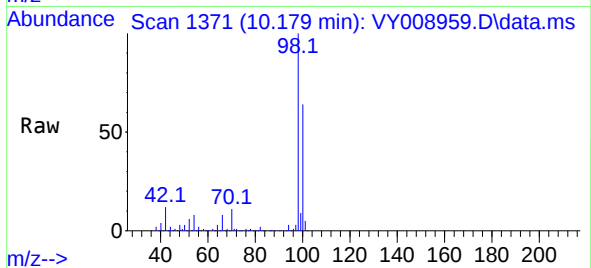




#50
Toluene-d8
Concen: 54.486 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

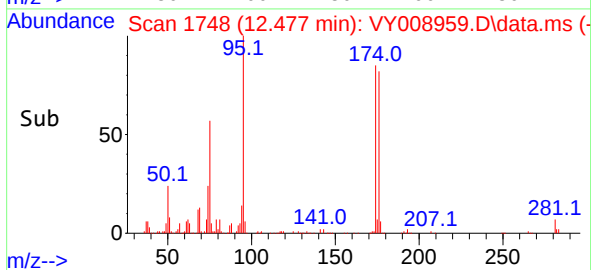
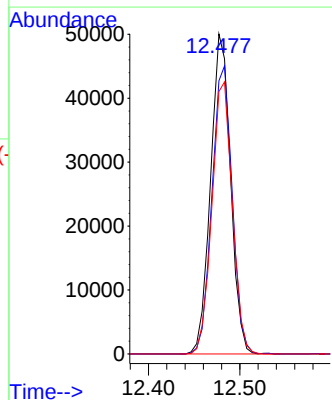
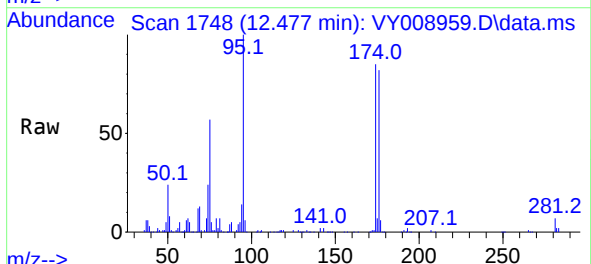
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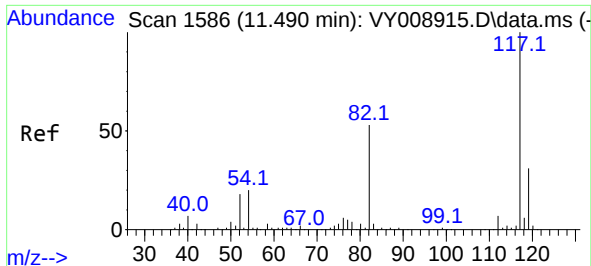
Tgt Ion: 98 Resp: 259461
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.393 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 95 Resp: 75672
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 87.2 0.0 175.8

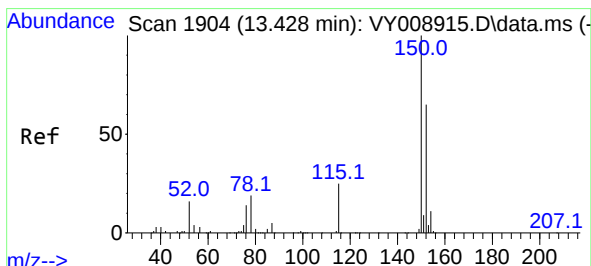
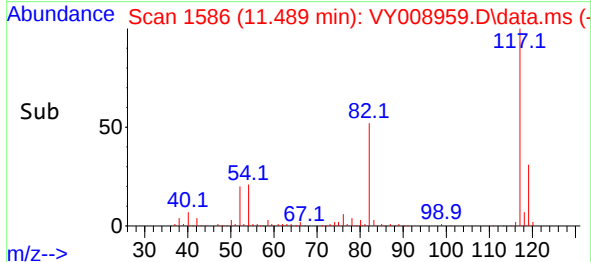
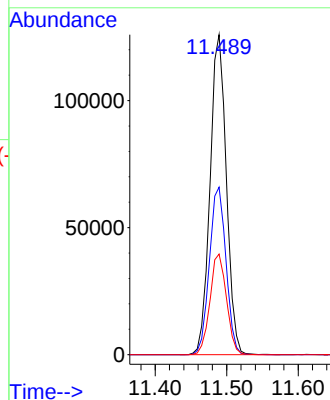
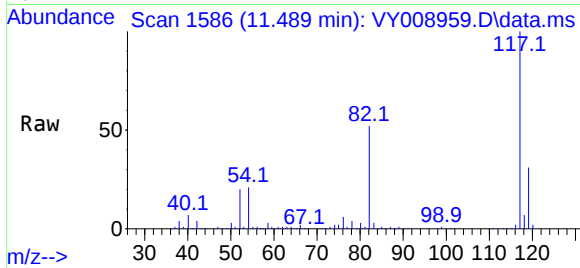




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

Tgt Ion:117 Resp: 199295
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion:152 Resp: 85621
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.5 0.0 347.6

