

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008879.D
 Acq On : 19 May 2022 19:42
 Operator : KP/MD
 Sample : N2869-03
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01

Quant Time: May 20 02:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

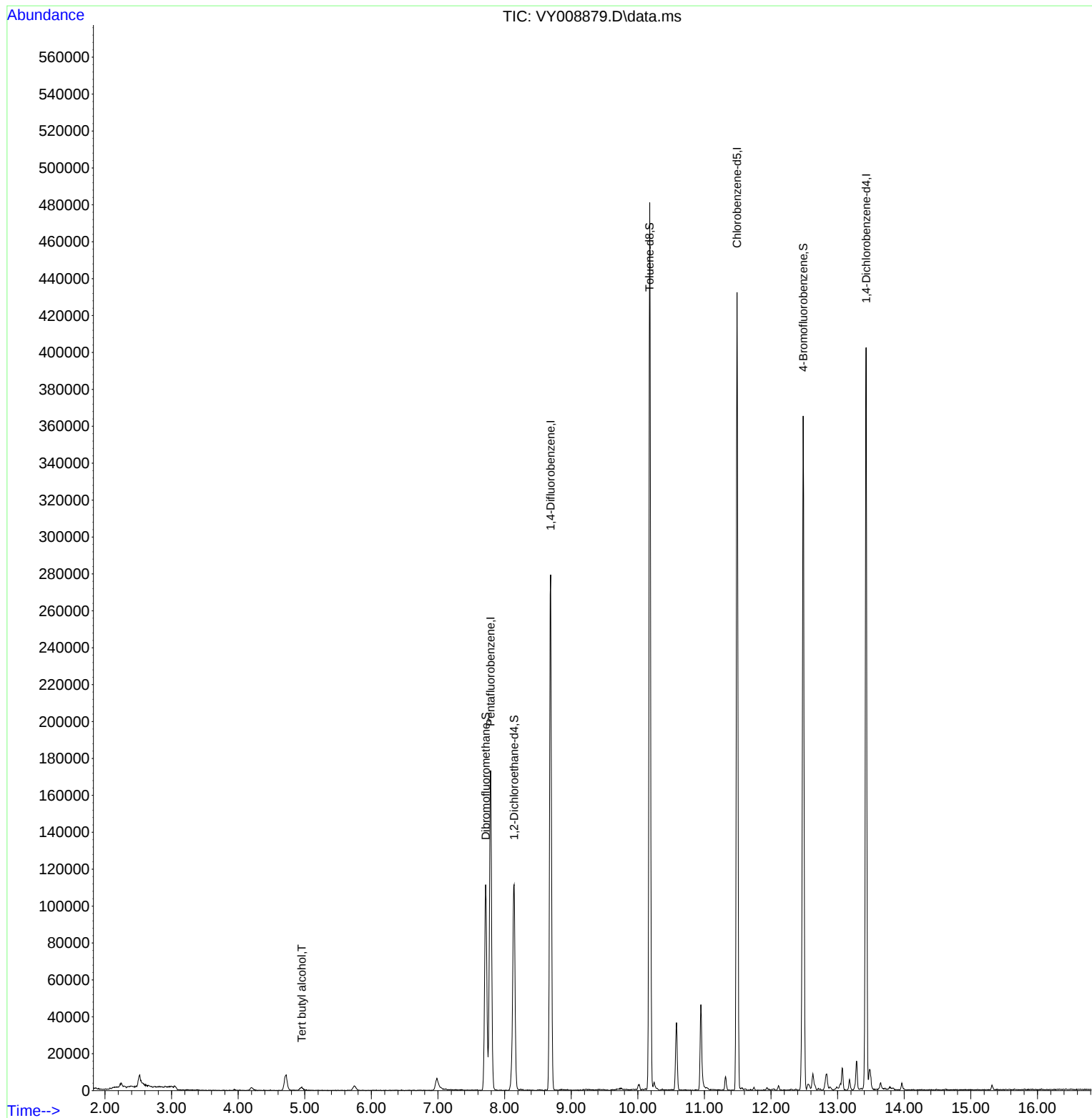
Internal Standards						
1) Pentafluorobenzene	7.789	168	132020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81557	66.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.180%
35) Dibromofluoromethane	7.716	113	75707	55.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	299001	49.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.483	95	88463	41.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%
Target Compounds						
11) Tert butyl alcohol	4.954	59	3056	22.577	ug/l	Qvalue # 91

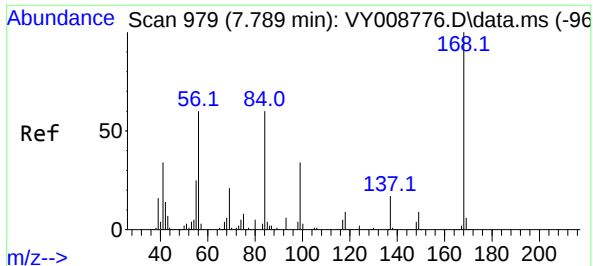
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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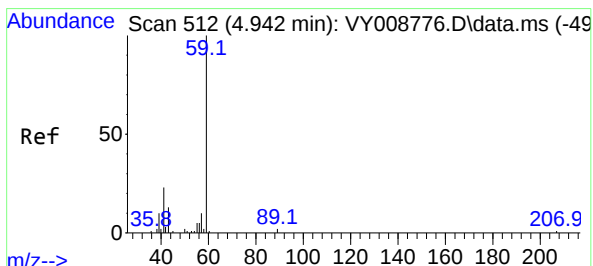
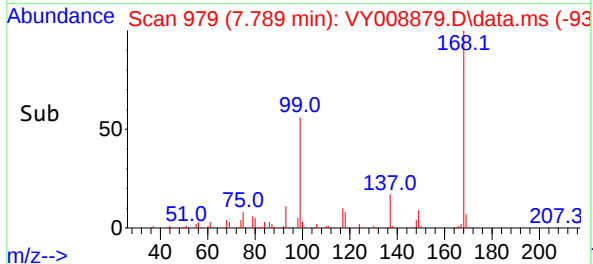
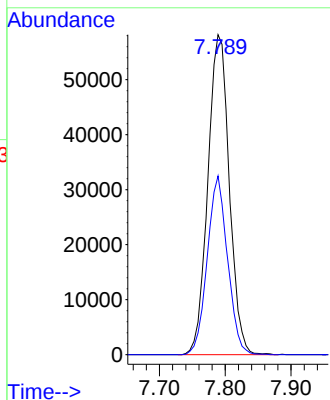
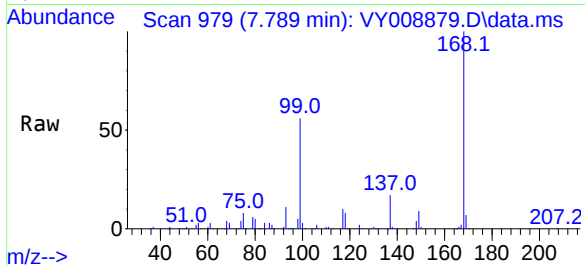




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

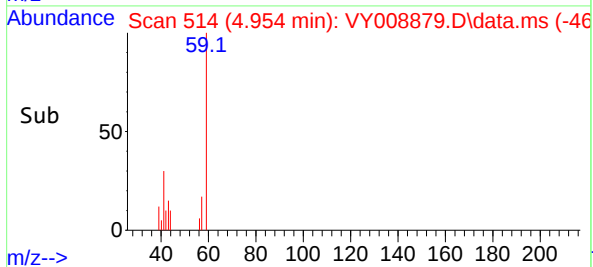
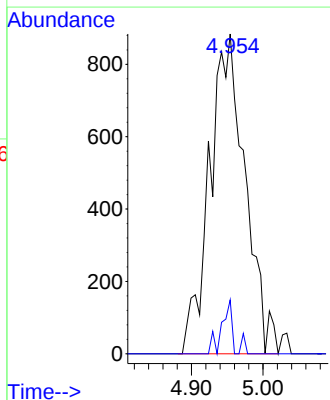
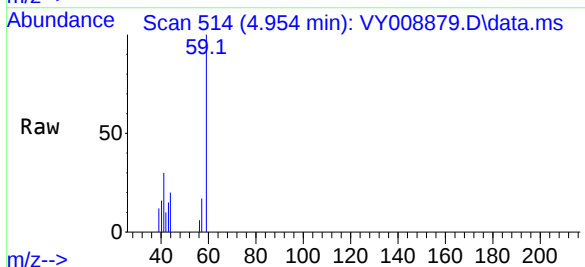
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

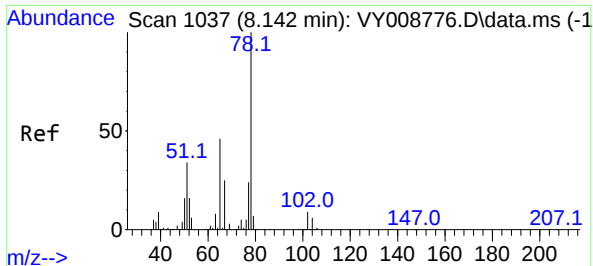
Tgt Ion:168 Resp: 132020
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 22.577 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 59 Resp: 3056
Ion Ratio Lower Upper
59 100
57 4.7 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 66.590 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008879.D

Acq: 19 May 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

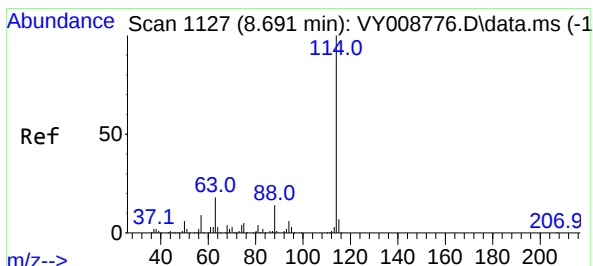
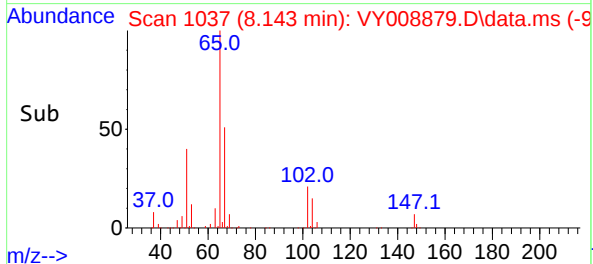
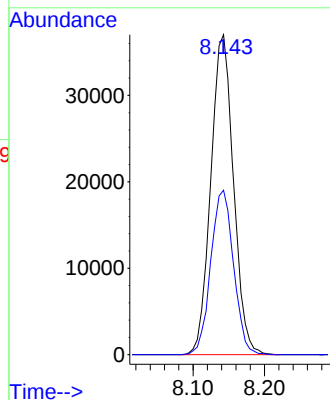
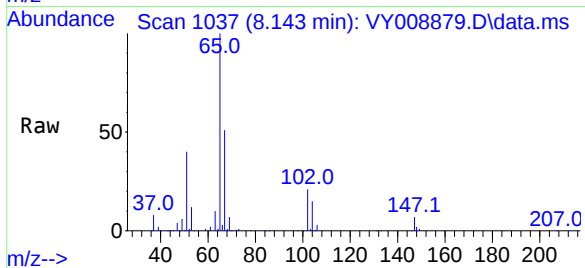
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Tgt Ion: 65 Resp: 81557

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008879.D

Acq: 19 May 2022 19:42

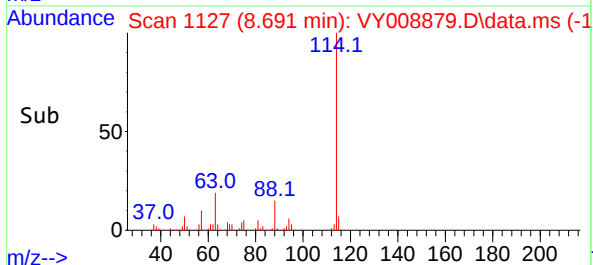
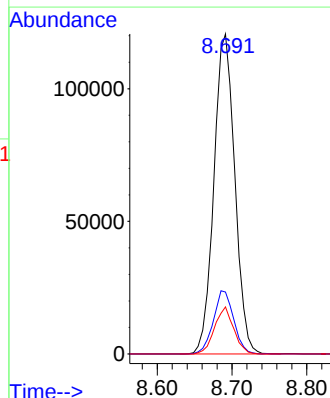
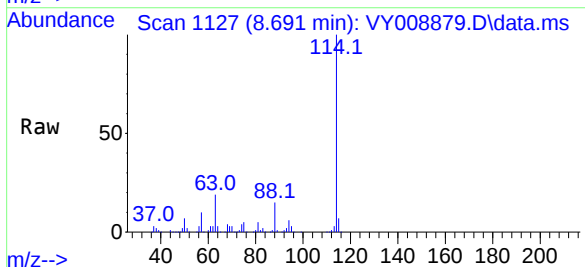
Tgt Ion: 114 Resp: 234817

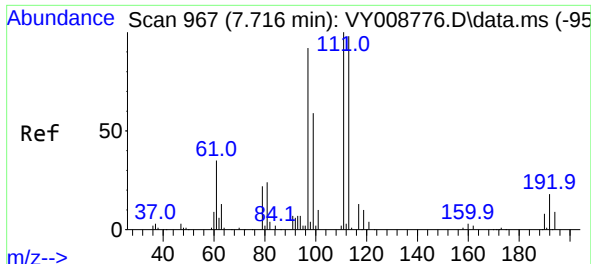
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.7 0.0 31.8

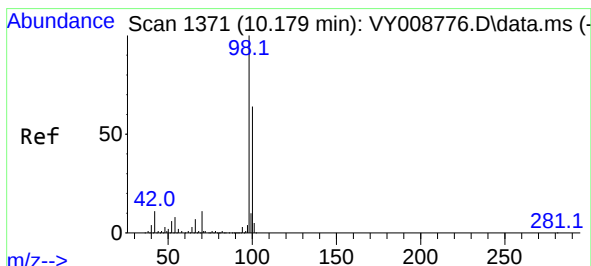
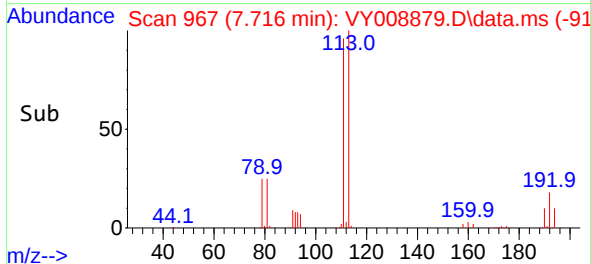
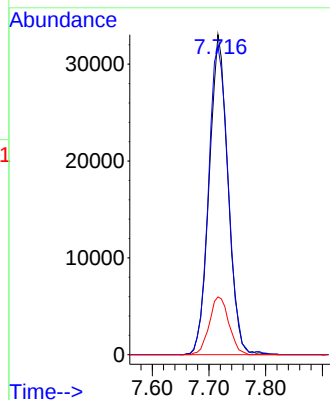
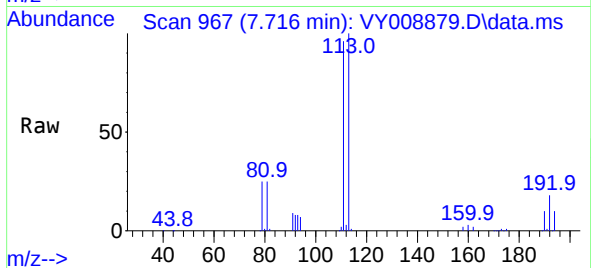




#35
Dibromofluoromethane
Concen: 55.181 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

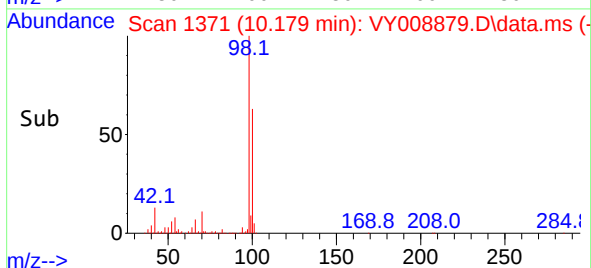
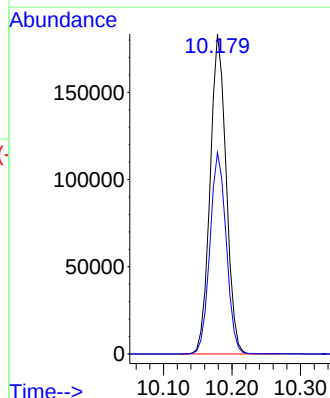
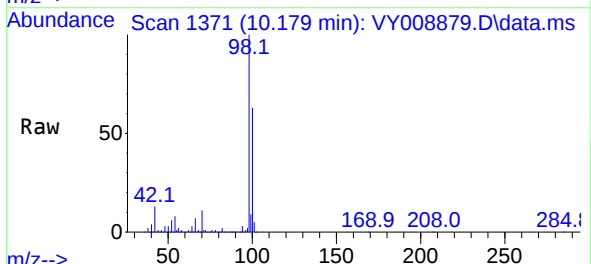
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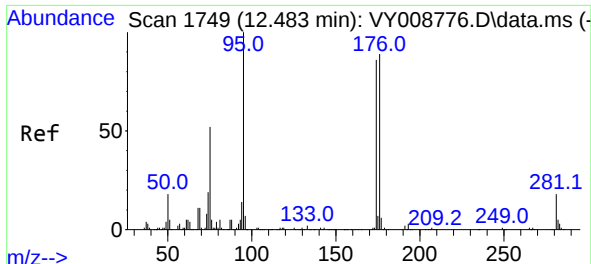
Tgt Ion:113 Resp: 75707
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 49.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 98 Resp: 299001
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

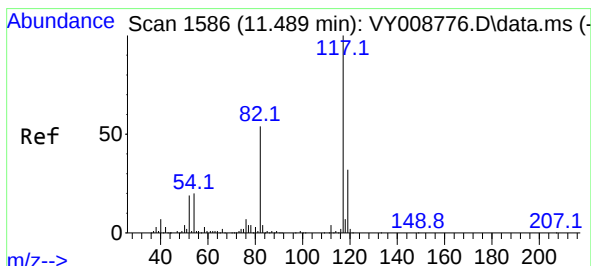
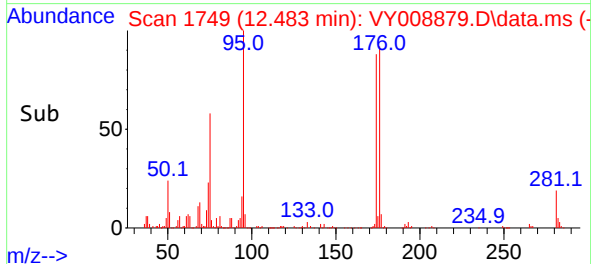
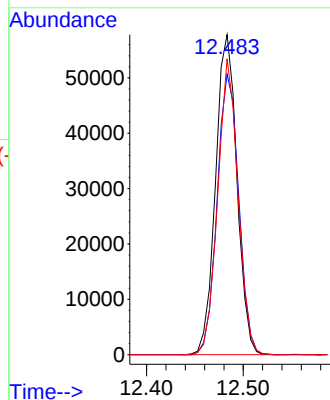
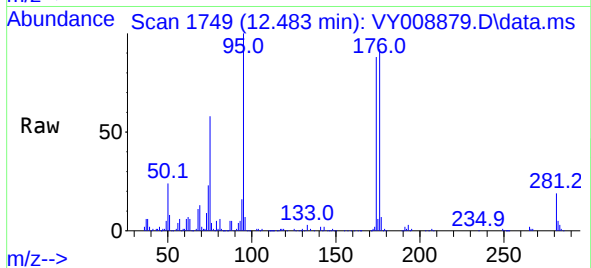




#62
4-Bromofluorobenzene
Concen: 41.300 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

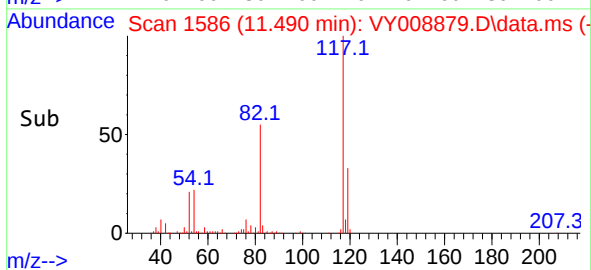
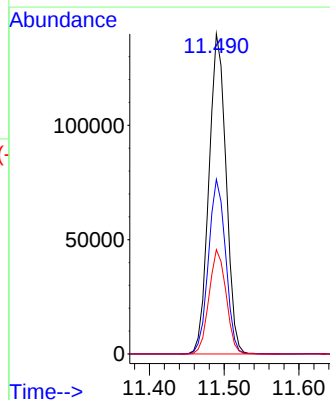
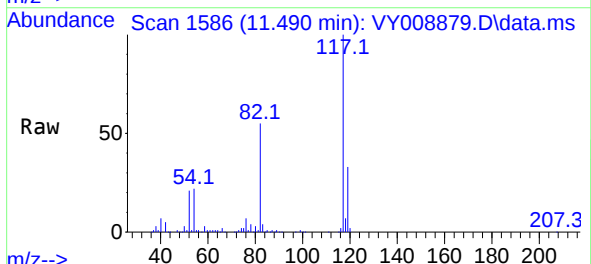
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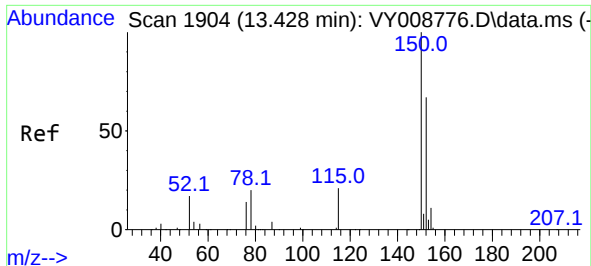
Tgt Ion: 95 Resp: 88463
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 87.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

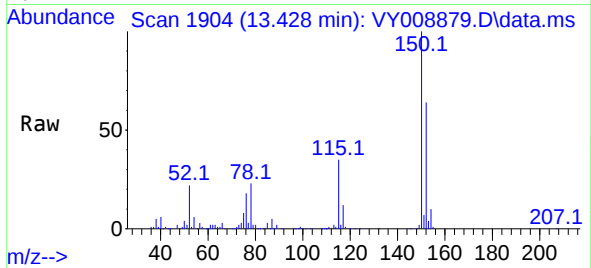
Tgt Ion: 117 Resp: 223074
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01



Tgt Ion:152 Resp: 95749
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 158.0 0.0 347.6

