

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010331.D
 Acq On : 03 Sep 2022 19:29
 Operator : KP/MD
 Sample : N4501-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-7.5-8.0

Quant Time: Sep 05 04:23:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

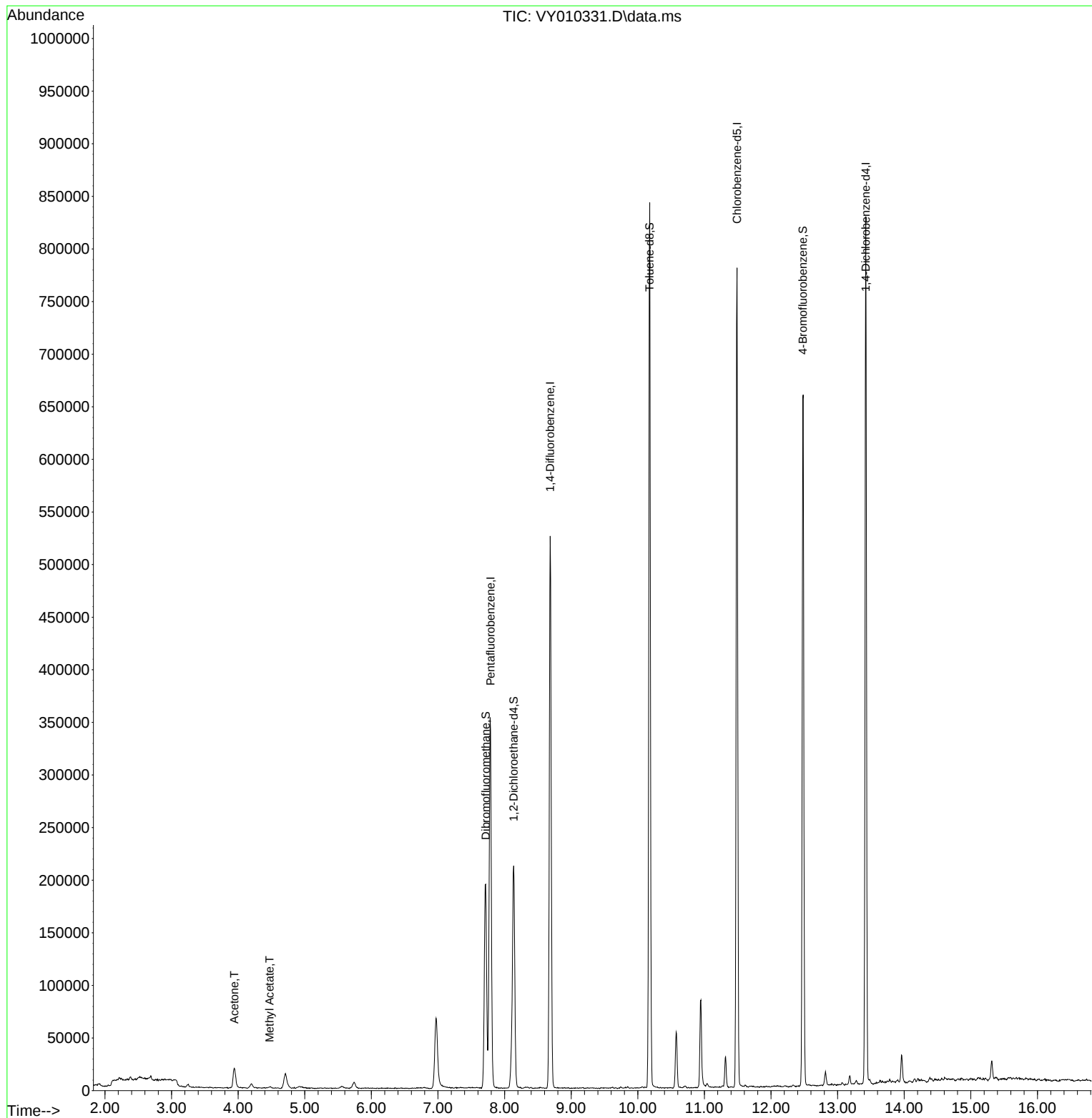
Internal Standards						
1) Pentafluorobenzene	7.789	168	286353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	466086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154959	52.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.540%	
35) Dibromofluoromethane	7.715	113	141118	45.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.960%	
50) Toluene-d8	10.178	98	547894	52.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.477	95	199690	47.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.420%	
Target Compounds						Qvalue
16) Acetone	3.942	43	33801	46.049	ug/l	# 84
18) Methyl Acetate	4.472	43	2325	1.021	ug/l	98

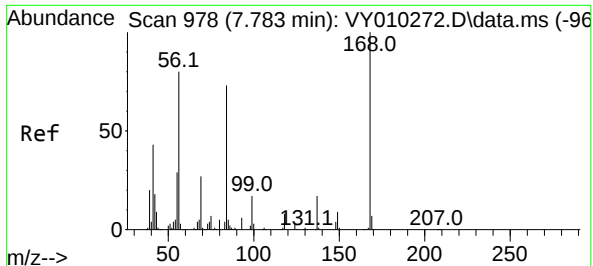
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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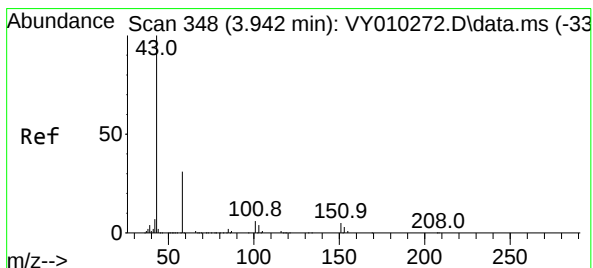
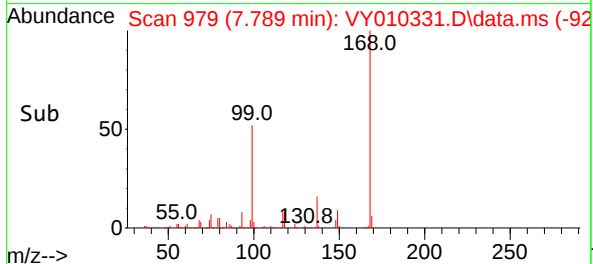
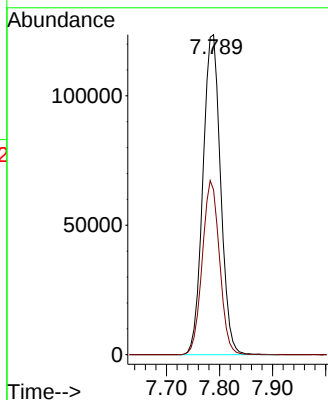
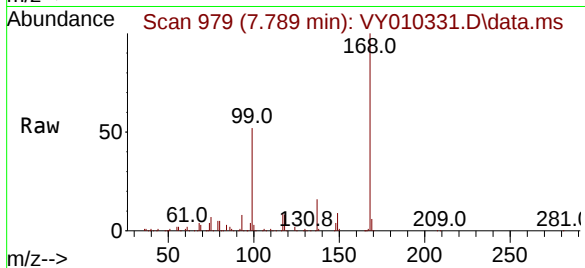




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

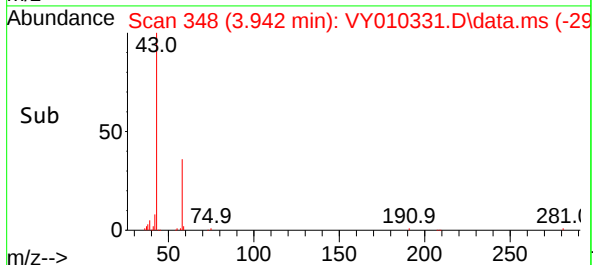
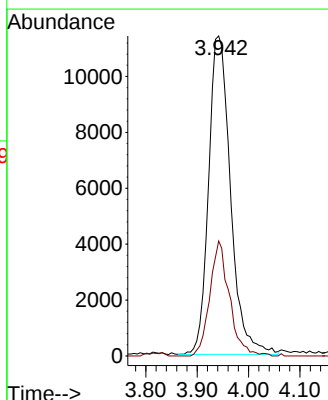
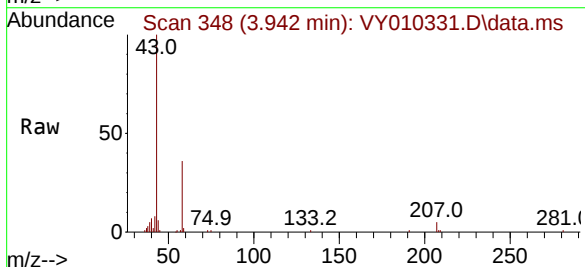
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-7.5-8.0

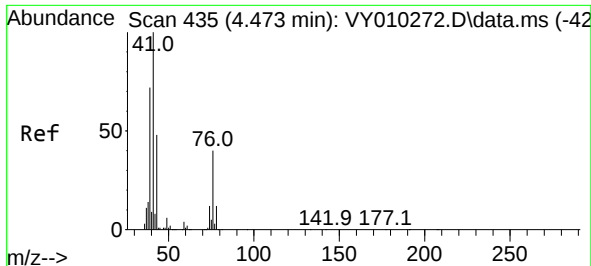
Tgt Ion:168 Resp: 286353
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 46.049 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

Tgt Ion: 43 Resp: 33801
Ion Ratio Lower Upper
43 100
58 36.1 22.0 33.0#

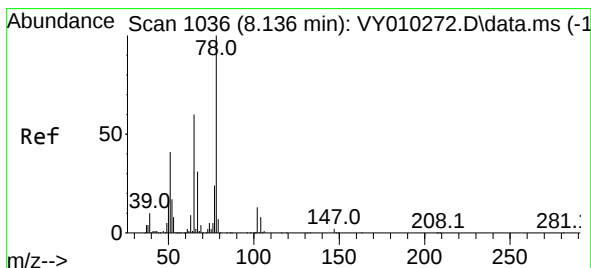
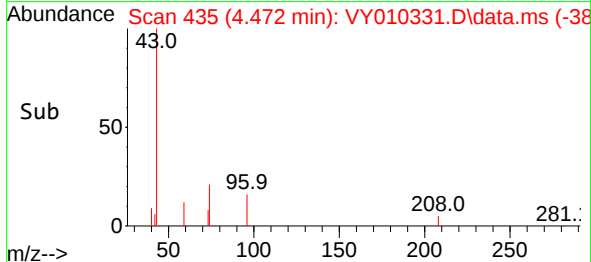
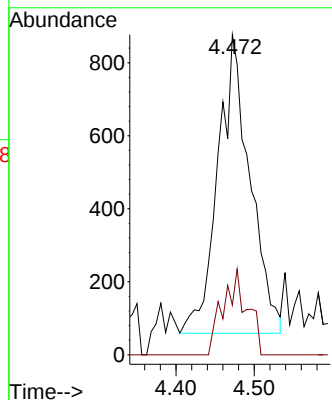
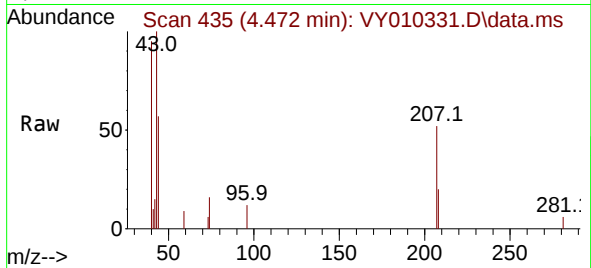




#18
Methyl Acetate
Concen: 1.021 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

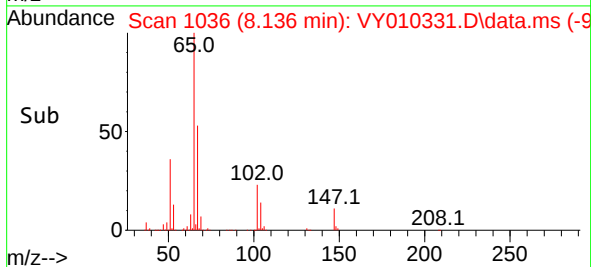
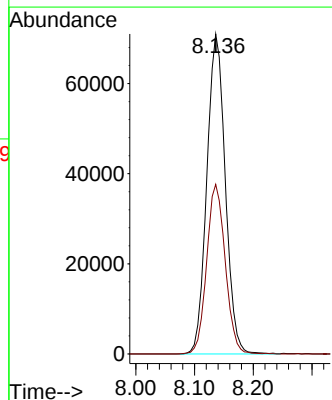
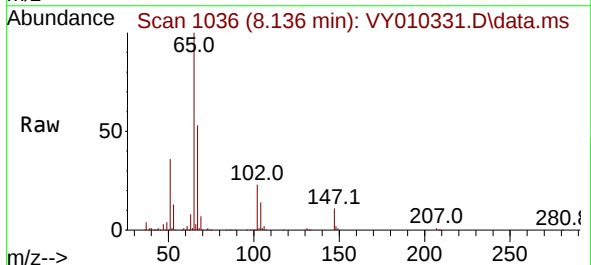
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-7.5-8.0

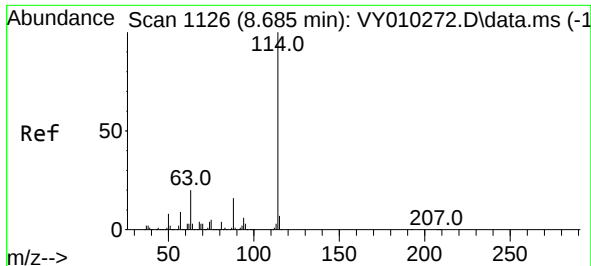
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
74 21.5 16.6 24.8



#33
1,2-Dichloroethane-d4
Concen: 52.775 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

Tgt Ion: 65 Resp: 154959
Ion Ratio Lower Upper
65 100
67 53.2 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: VY010331.D

Acq: 03 Sep 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-7.5-8.0

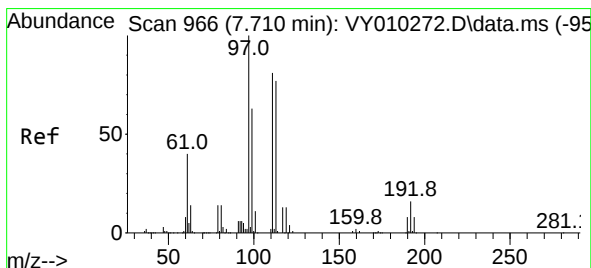
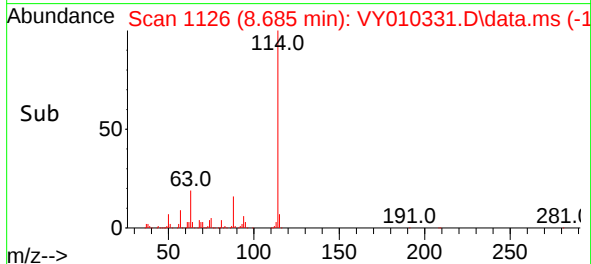
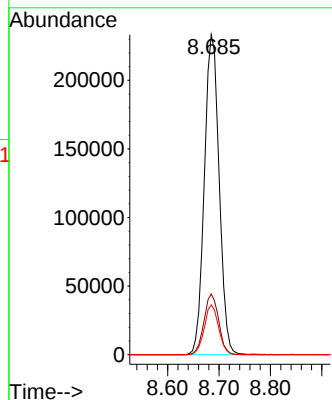
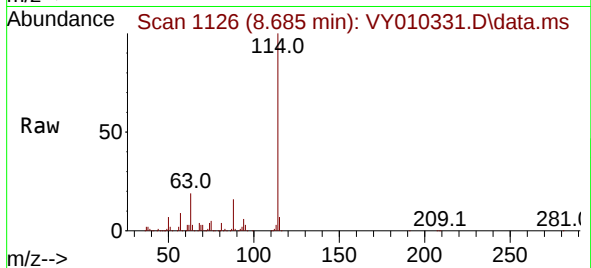
Tgt Ion:114 Resp: 466086

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.481 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010331.D

Acq: 03 Sep 2022 19:29

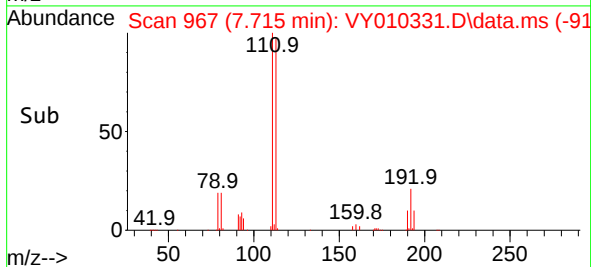
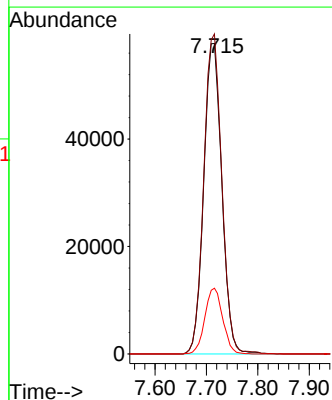
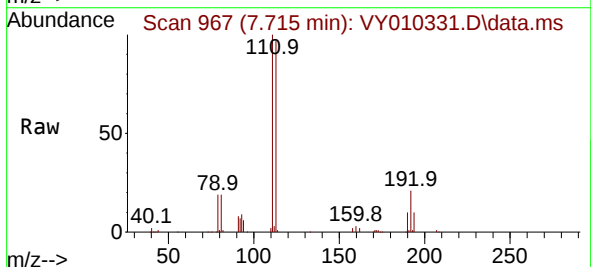
Tgt Ion:113 Resp: 141118

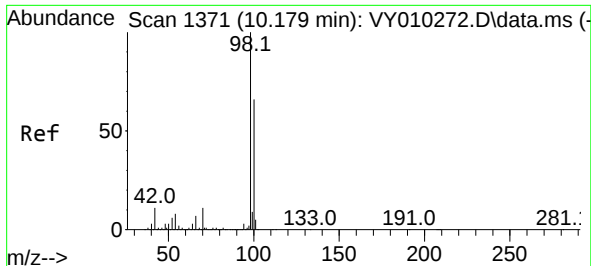
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.9 17.6 26.4

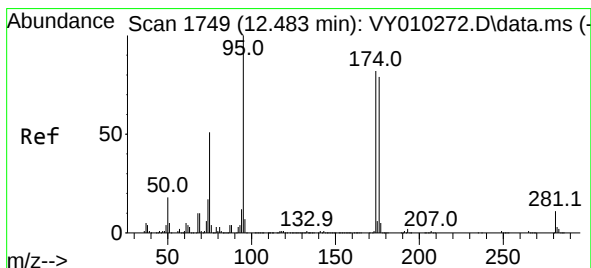
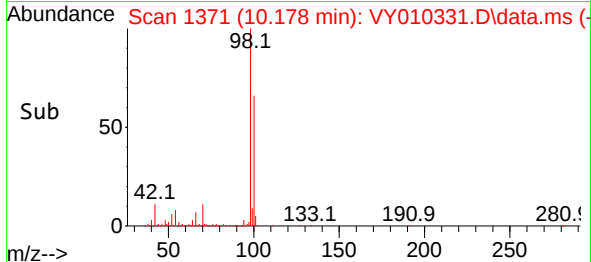
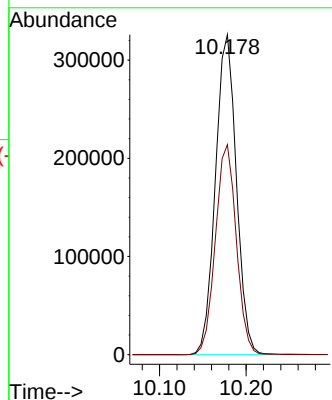
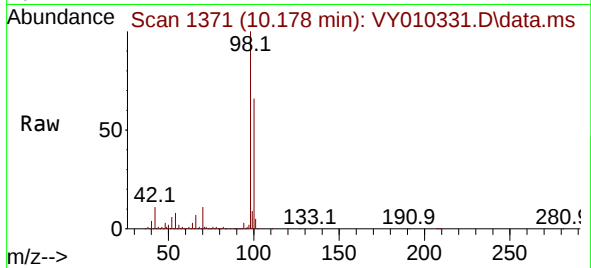




#50
Toluene-d8
Concen: 52.742 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

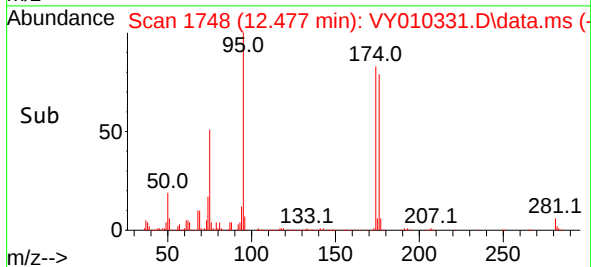
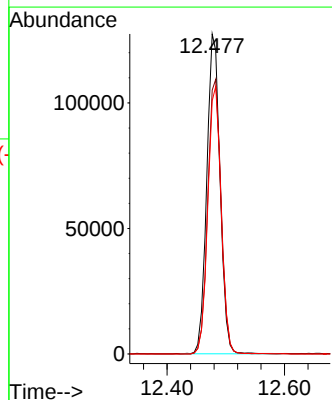
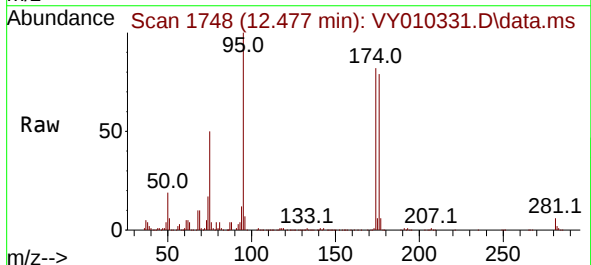
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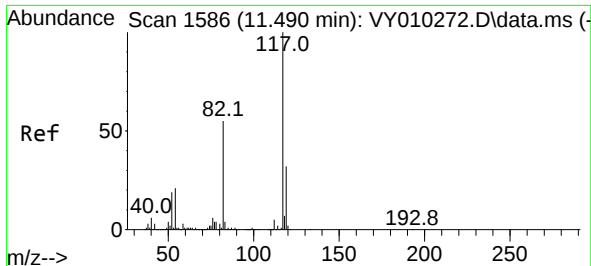
Tgt Ion: 98 Resp: 547894
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

Tgt Ion: 95 Resp: 199690
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.3 0.0 175.8

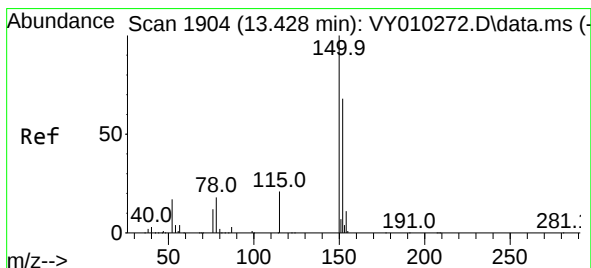
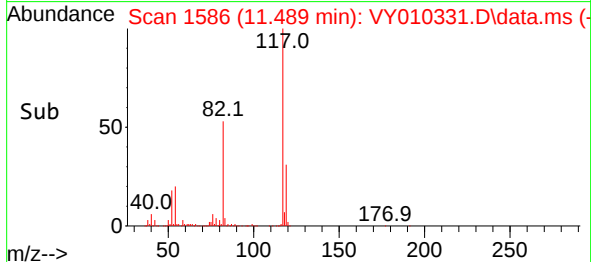
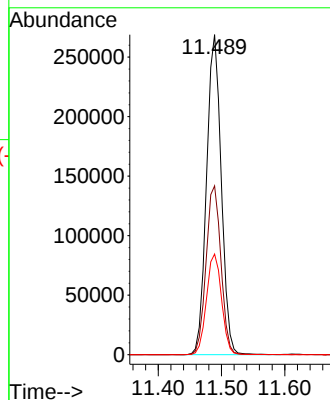
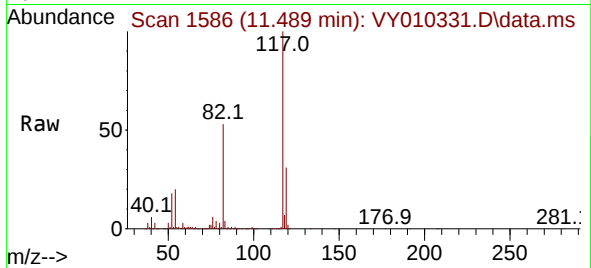




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010331.D
Acq: 03 Sep 2022 19:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-7.5-8.0

Tgt Ion:117 Resp: 434870
Ion Ratio Lower Upper
117 100
82 52.7 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: VY010331.D
Acq: 03 Sep 2022 19:29

Tgt Ion:152 Resp: 211962
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 158.1 0.0 347.6

