

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010988.D
 Acq On : 18 Oct 2022 12:14
 Operator : KP/MD
 Sample : N5105-09RE
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2RE

Quant Time: Oct 18 15:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

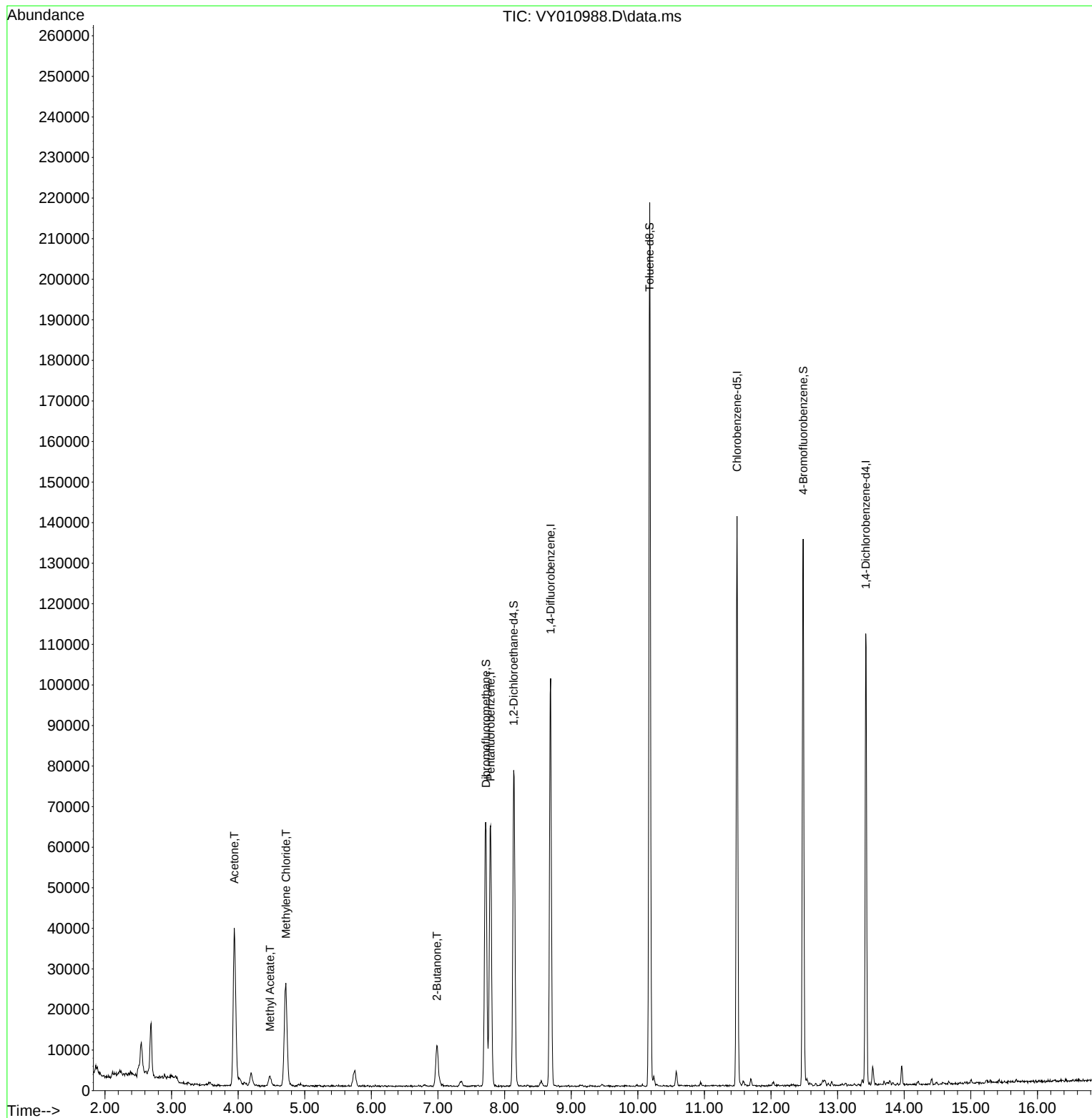
Internal Standards						
1) Pentafluorobenzene	7.789	168	51546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	87932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	79375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60337	127.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 254.140%#	
35) Dibromofluoromethane	7.722	113	48636	101.443	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 202.880%#	
50) Toluene-d8	10.179	98	143503	78.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 156.320%#	
62) 4-Bromofluorobenzene	12.483	95	40611	63.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	66563	482.743	ug/l #	88
18) Methyl Acetate	4.478	43	4672	9.777	ug/l	99
20) Methylene Chloride	4.716	84	19424	29.769	ug/l #	84
25) 2-Butanone	6.984	43	15805	75.584	ug/l #	82

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

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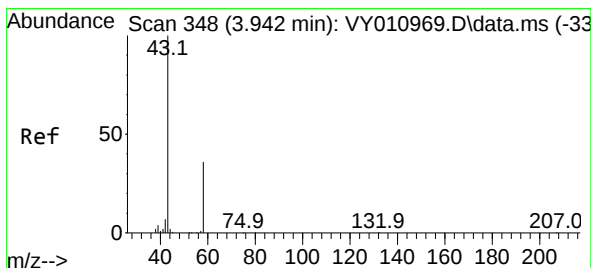
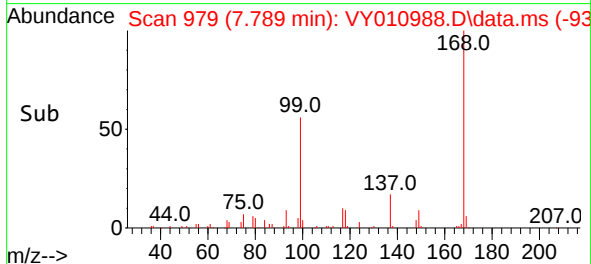
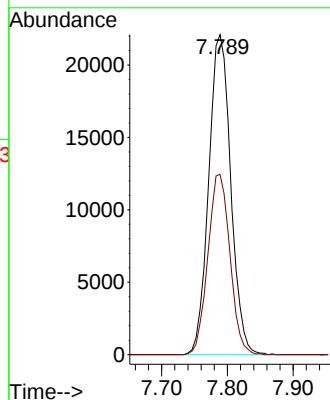
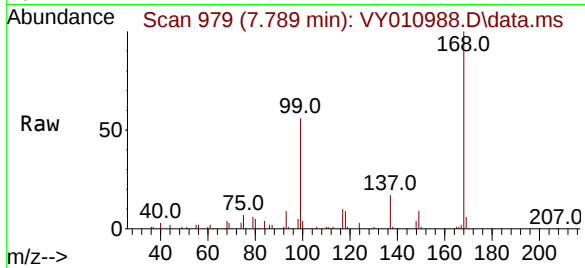




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

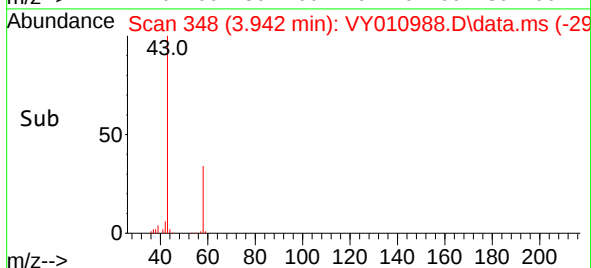
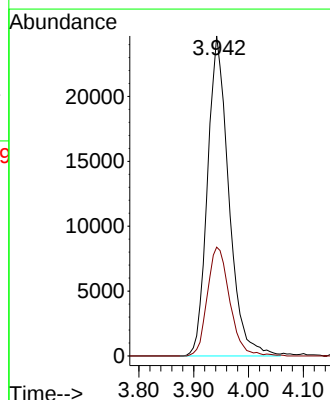
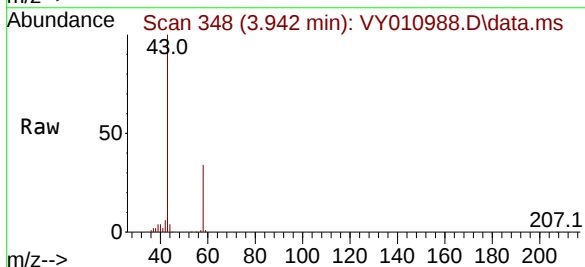
Instrument :
MSVOA_Y
ClientSampleId :
WC-2RE

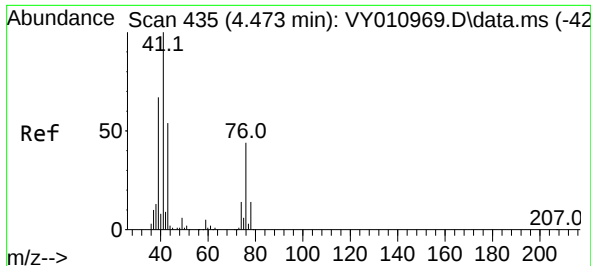
Tgt Ion:168 Resp: 51546
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 482.743 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

Tgt Ion: 43 Resp: 66563
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#

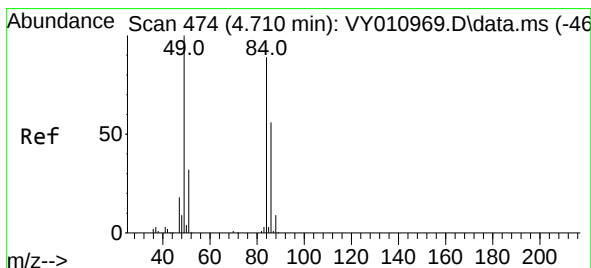
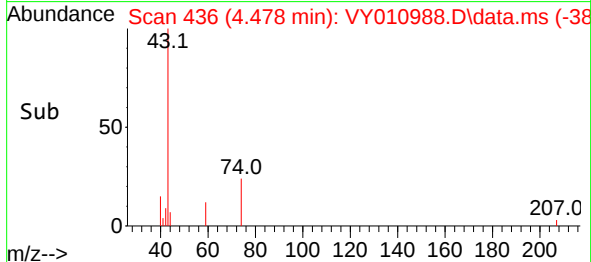
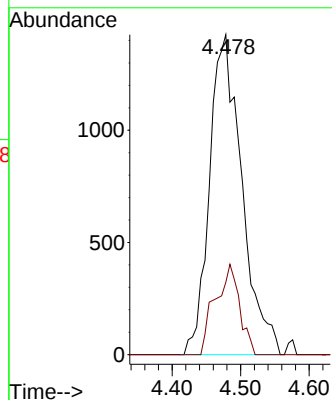
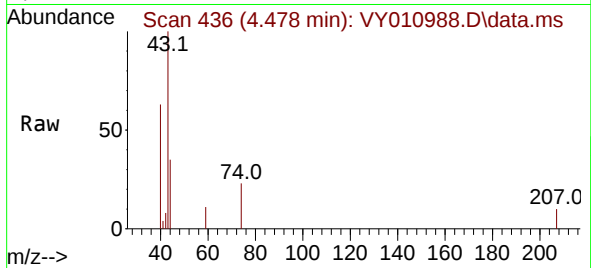




#18
Methyl Acetate
Concen: 9.777 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

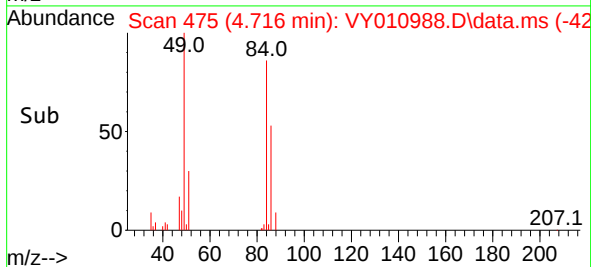
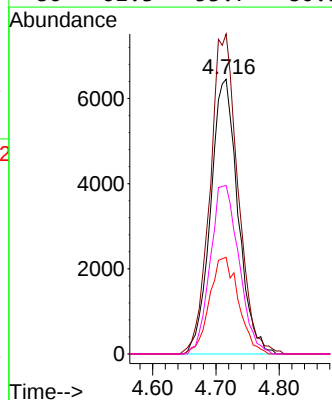
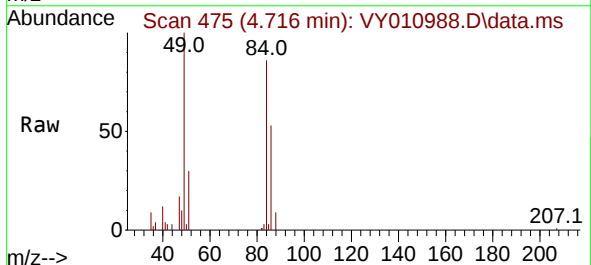
Instrument :
MSVOA_Y
ClientSampleId :
WC-2RE

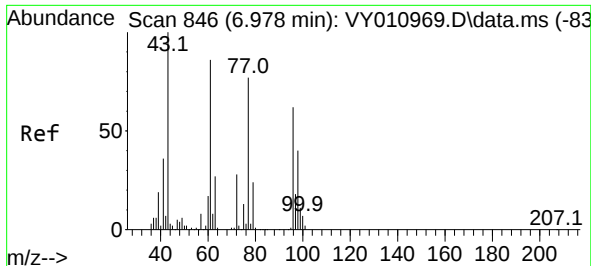
Tgt Ion: 43 Resp: 4672
Ion Ratio Lower Upper
43 100
74 21.1 16.6 24.8



#20
Methylene Chloride
Concen: 29.769 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

Tgt Ion: 84 Resp: 19424
Ion Ratio Lower Upper
84 100
49 116.5 114.4 171.6
51 35.2 35.3 52.9#
86 61.3 53.7 80.5





#25

2-Butanone

Concen: 75.584 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010988.D

Acq: 18 Oct 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

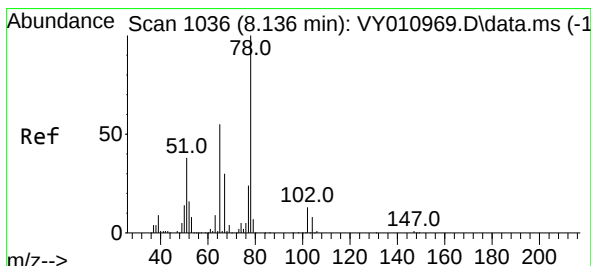
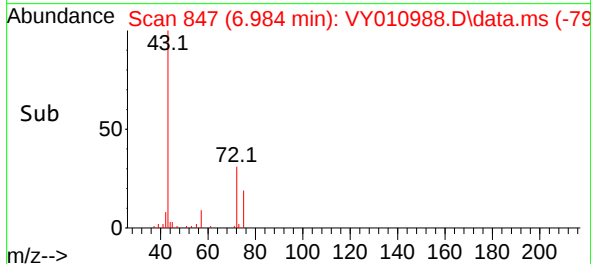
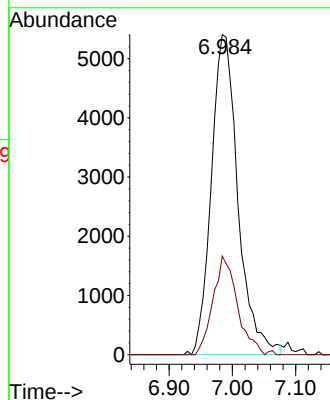
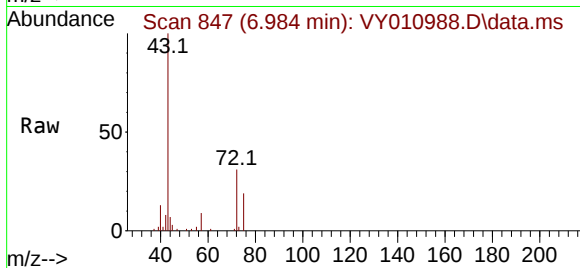
WC-2RE

Tgt Ion: 43 Resp: 15805

Ion Ratio Lower Upper

43 100

72 30.8 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 127.075 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010988.D

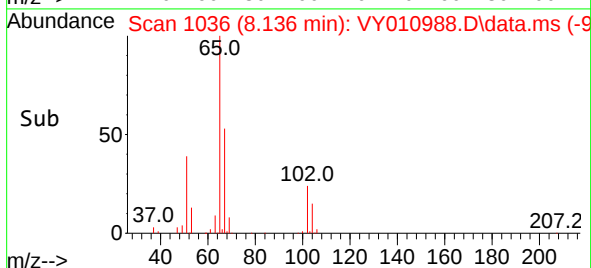
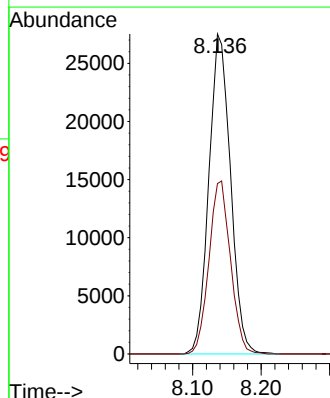
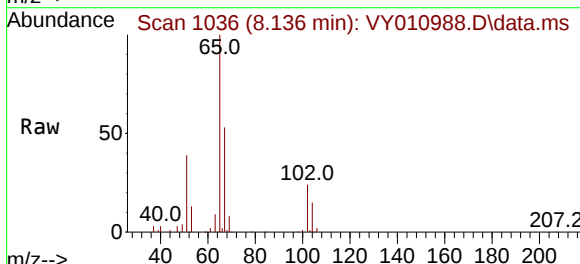
Acq: 18 Oct 2022 12:14

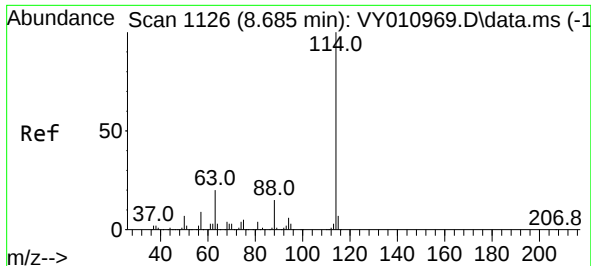
Tgt Ion: 65 Resp: 60337

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010988.D

Acq: 18 Oct 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-2RE

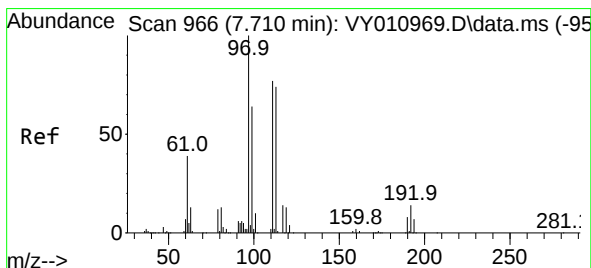
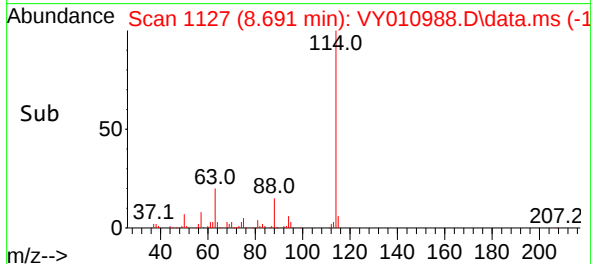
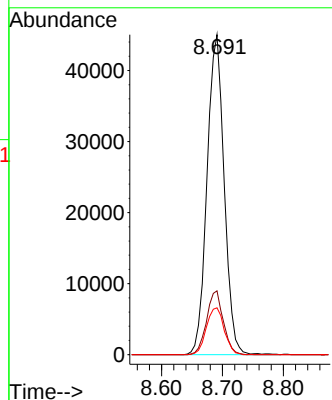
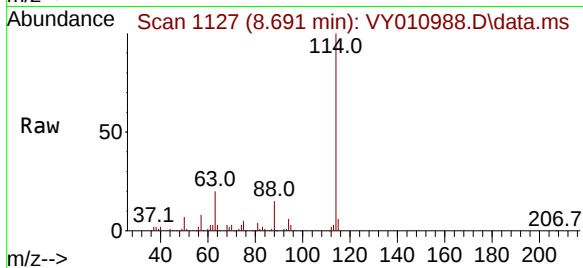
Tgt Ion:114 Resp: 87932

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 101.443 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY010988.D

Acq: 18 Oct 2022 12:14

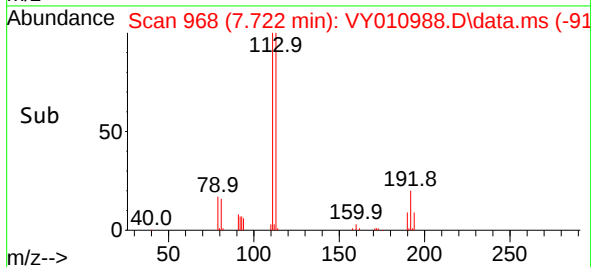
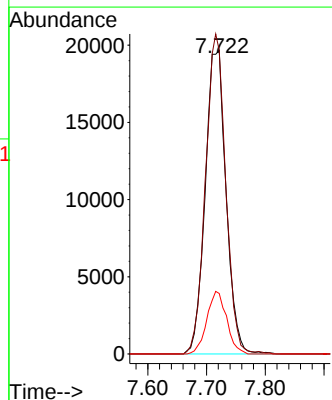
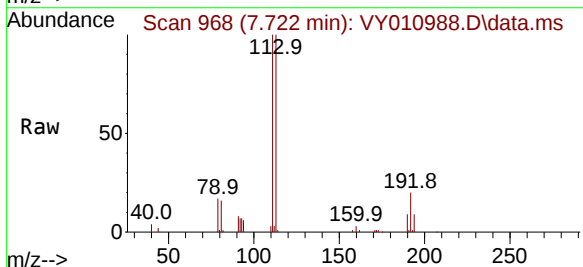
Tgt Ion:113 Resp: 48636

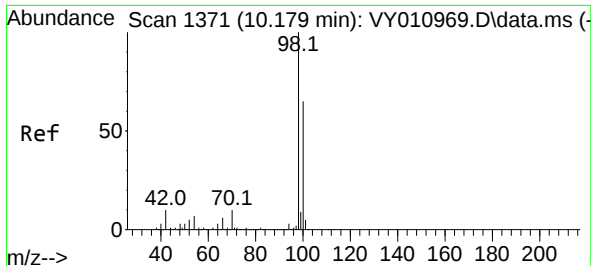
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.5 17.6 26.4

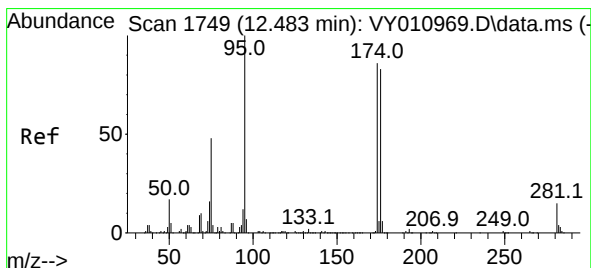
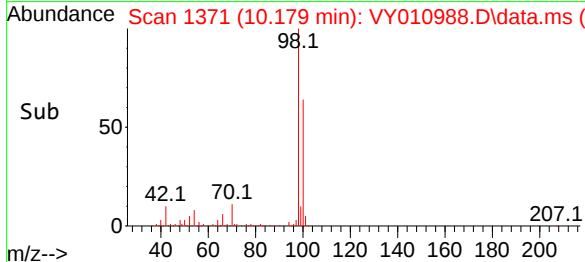
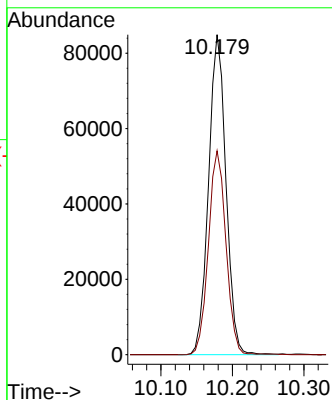
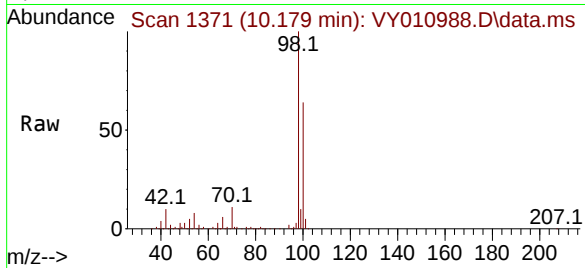




#50
Toluene-d8
Concen: 78.160 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

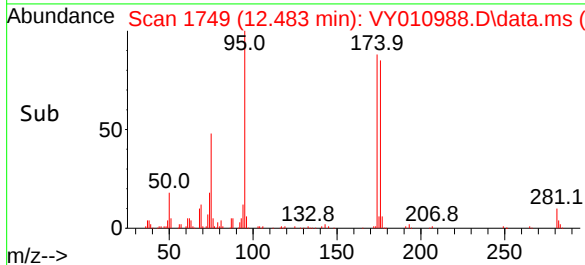
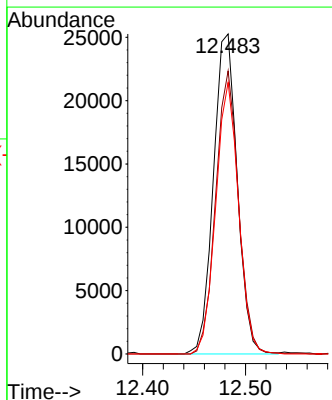
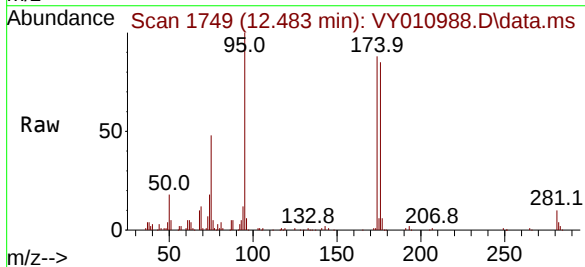
Instrument :
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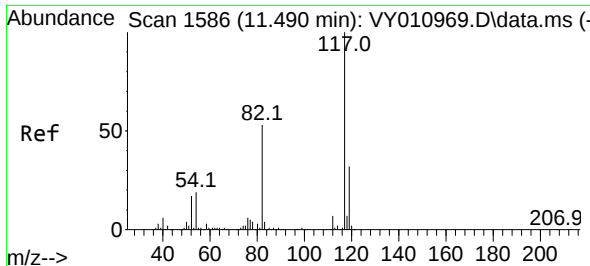
Tgt Ion: 98 Resp: 143503
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 63.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

Tgt Ion: 95 Resp: 40611
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.3 0.0 175.8

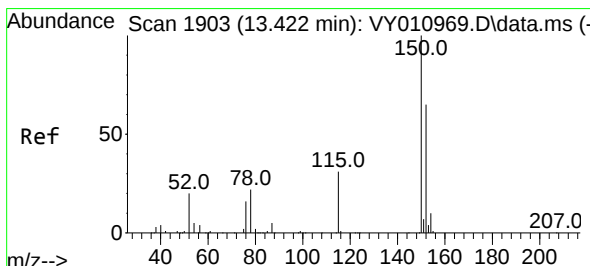
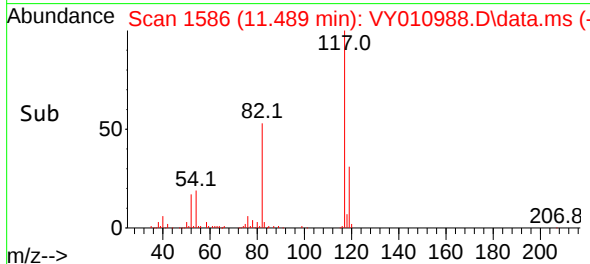
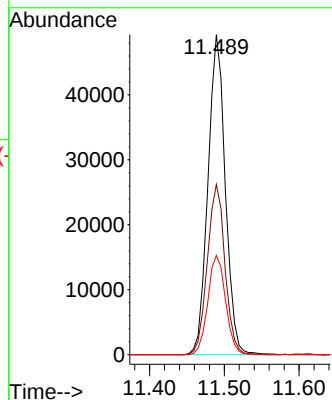
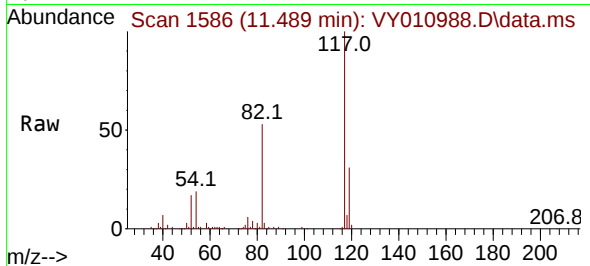




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
WC-2RE

Tgt Ion:117 Resp: 79375
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010988.D
Acq: 18 Oct 2022 12:14

Tgt Ion:152 Resp: 30288
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 154.1 0.0 347.6

