

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009900.D
 Acq On : 09 Aug 2022 01:58
 Operator : KP/MD
 Sample : N3963-20
 Misc : 3.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-ED

Quant Time: Aug 09 06:59:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

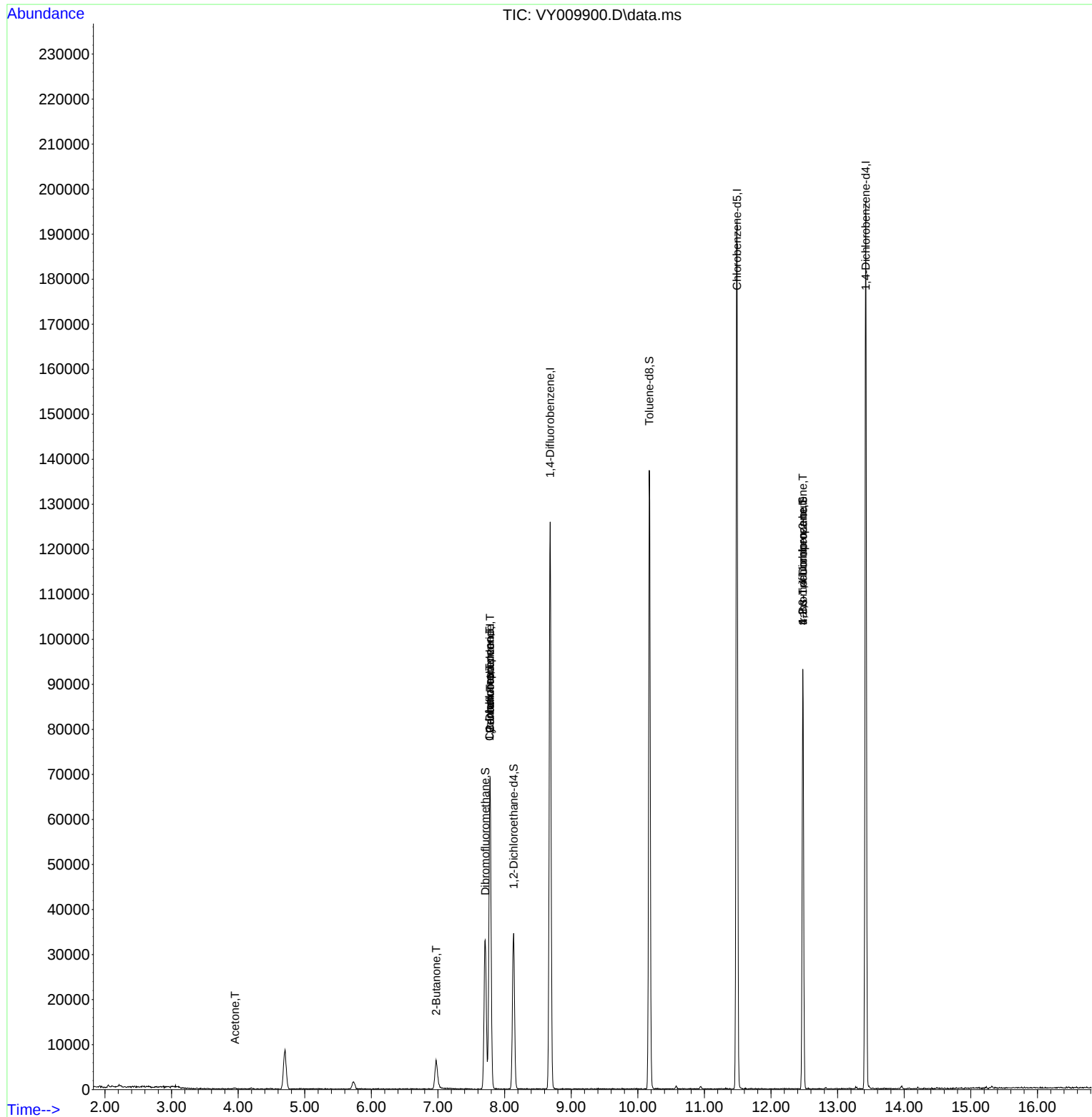
Internal Standards						
1) Pentafluorobenzene	7.783	168	52400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	104850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24905	62.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.200%
35) Dibromofluoromethane	7.710	113	23933	42.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.100%
50) Toluene-d8	10.173	98	86623	50.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	27098	34.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.200%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	249	1.685	ug/l #	45
18) Methyl Acetate	4.491	43	113	Below Cal	#	52
20) Methylene Chloride	4.704	84	5925	Below Cal		94
25) 2-Butanone	6.972	43	368	1.512	ug/l #	48
31) Cyclohexane	7.777	56	1375	1.352	ug/l #	33
36) 1,1-Dichloropropene	7.777	75	4122	4.292	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5177	5.431	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	14494	27.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14494	56.232	ug/l #	13

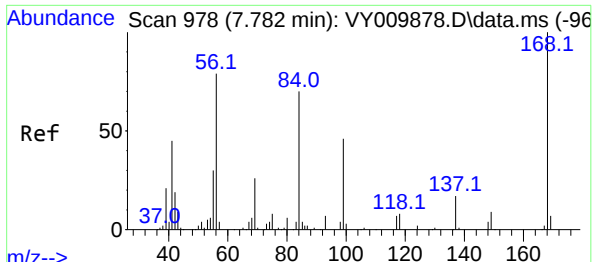
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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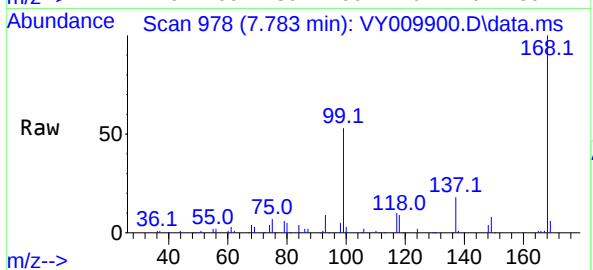
Quant Time: Aug 09 06:59:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
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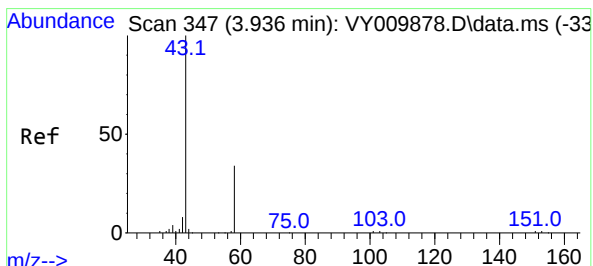
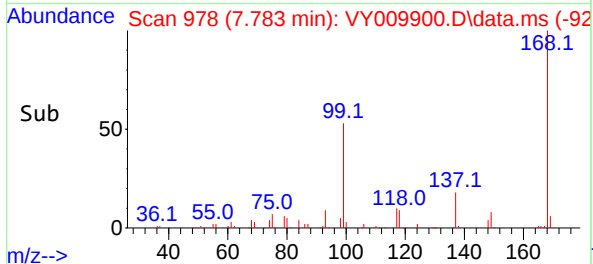
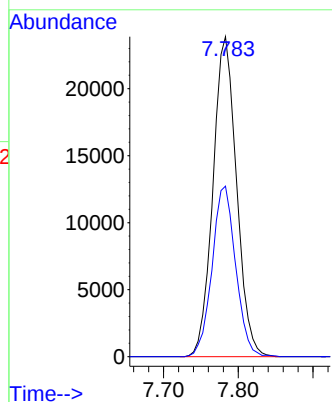


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

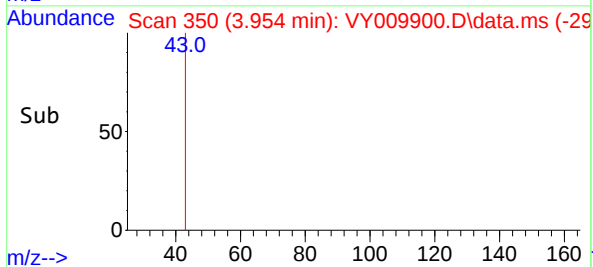
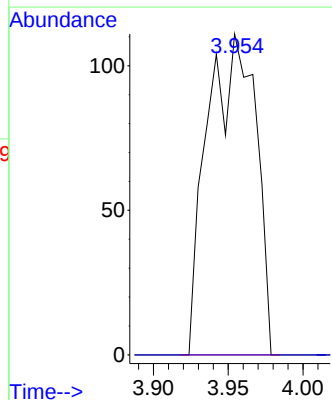
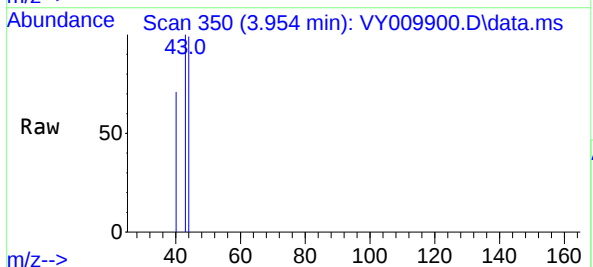


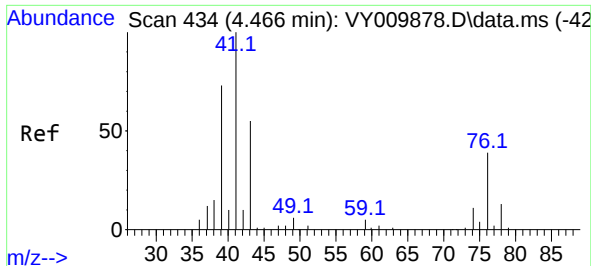
Tgt Ion:168 Resp: 52400
Ion Ratio Lower Upper
168 100
99 53.3 42.1 63.1



#16
Acetone
Concen: 1.685 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

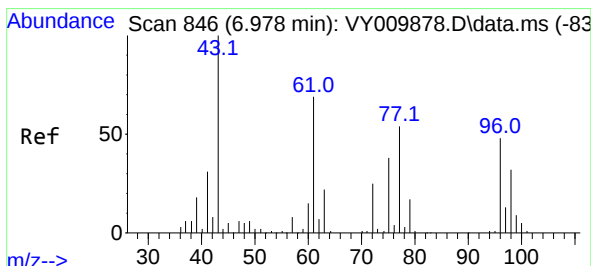
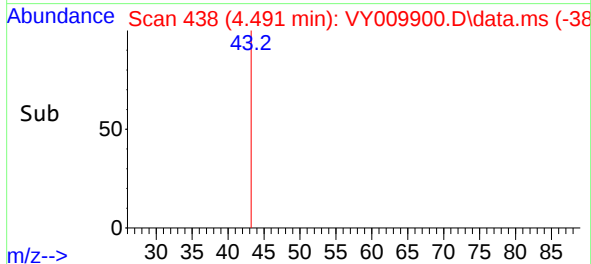
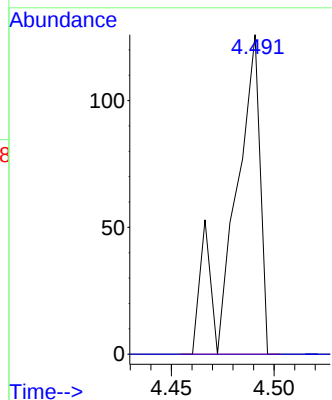
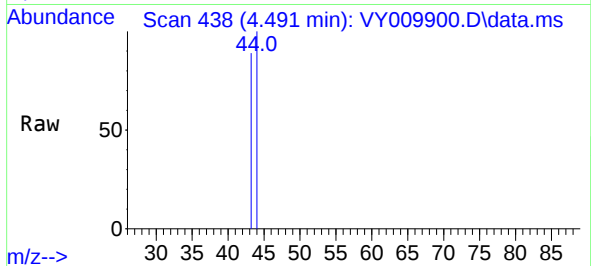




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

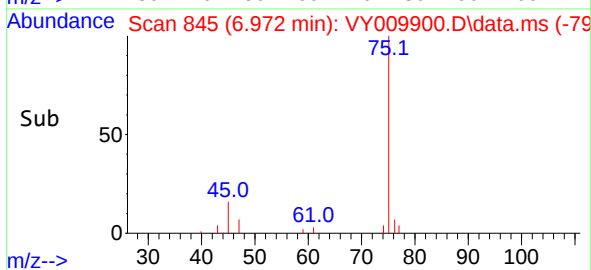
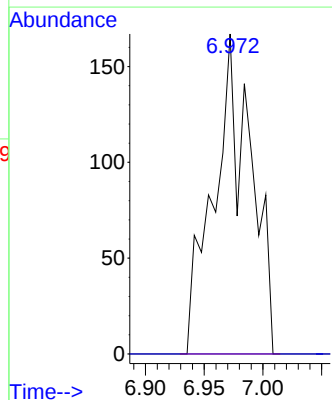
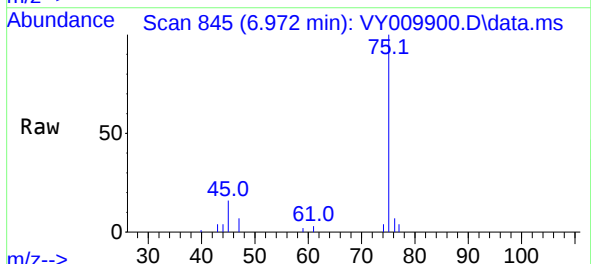
Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

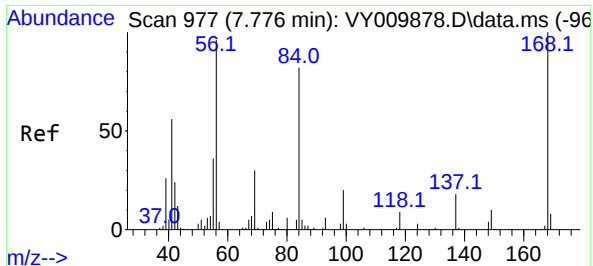
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#25
2-Butanone
Concen: 1.512 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

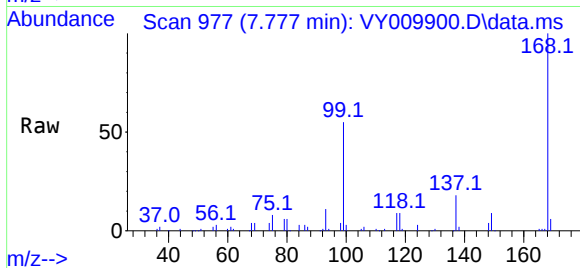
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



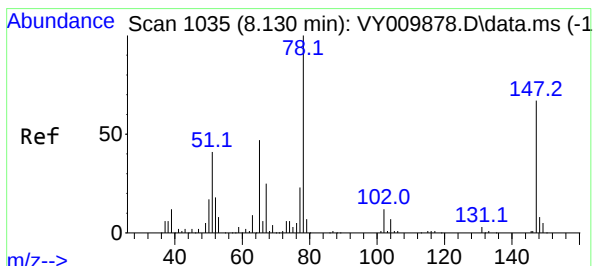
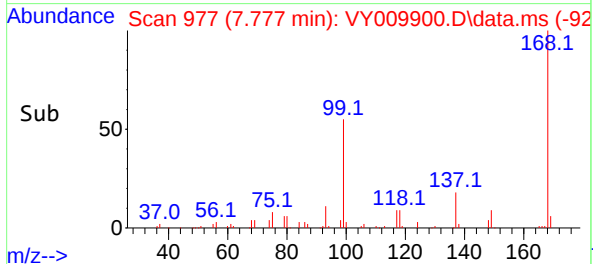
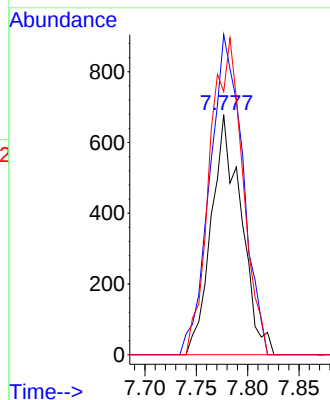


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

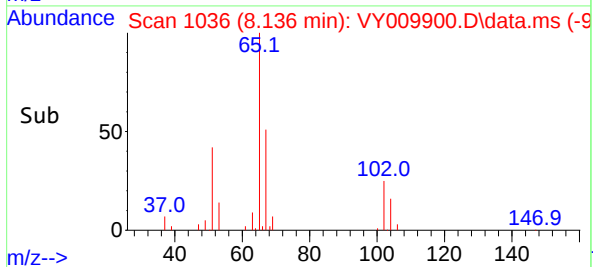
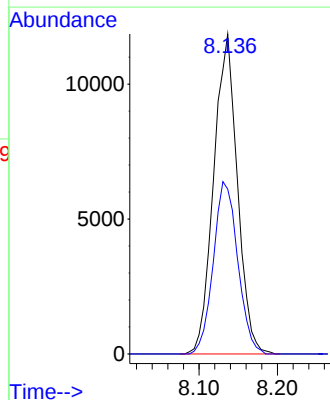
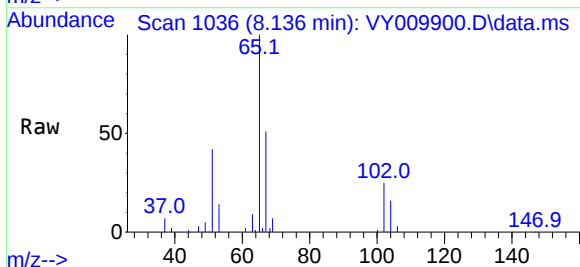


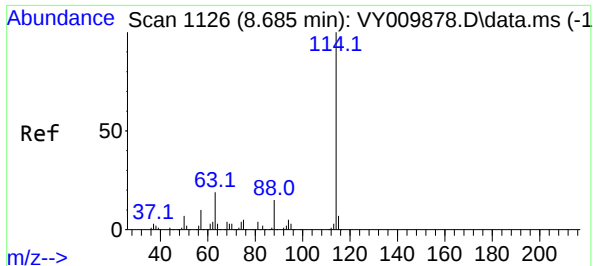
Tgt Ion: 56 Resp: 1375
Ion Ratio Lower Upper
56 100
69 133.3 26.0 39.0#
84 109.6 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 62.104 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion: 65 Resp: 24905
Ion Ratio Lower Upper
65 100
67 55.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009900.D

Acq: 09 Aug 2022 01:58

Instrument :

MSVOA_Y

ClientSampleId :

MH-ED

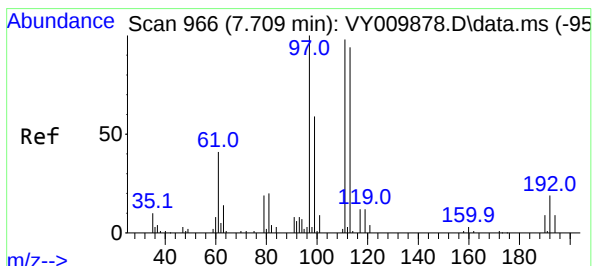
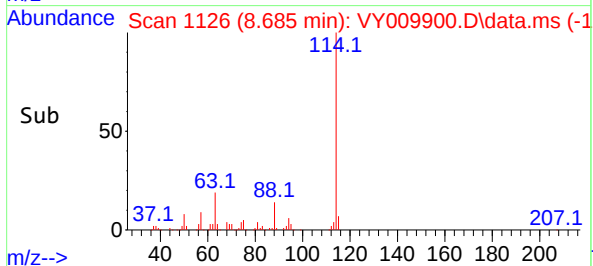
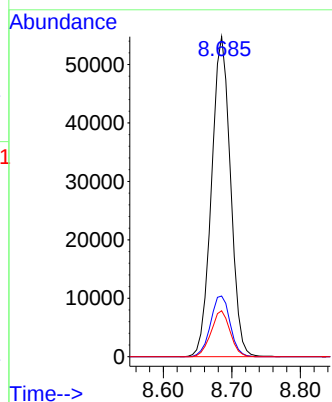
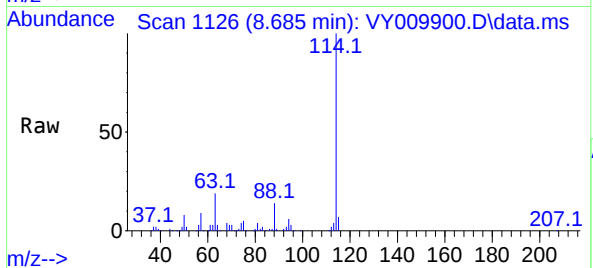
Tgt Ion:114 Resp: 104850

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 42.049 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009900.D

Acq: 09 Aug 2022 01:58

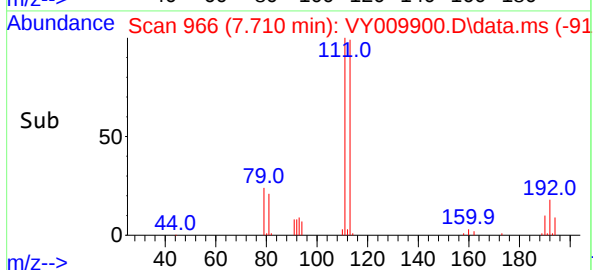
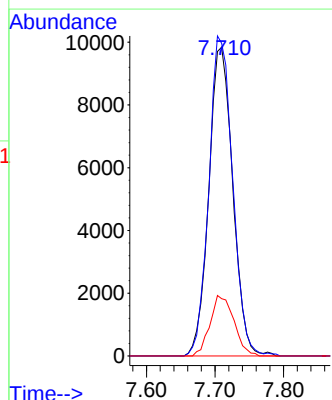
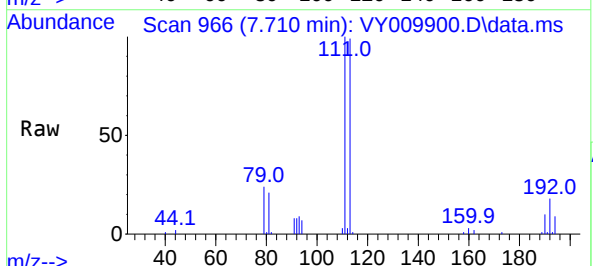
Tgt Ion:113 Resp: 23933

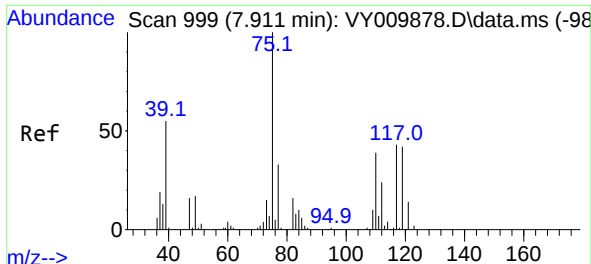
Ion Ratio Lower Upper

113 100

111 102.7 80.6 120.8

192 19.5 16.2 24.4

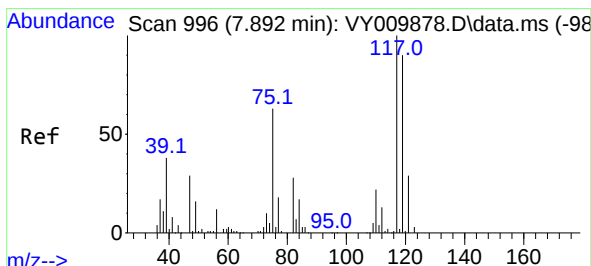
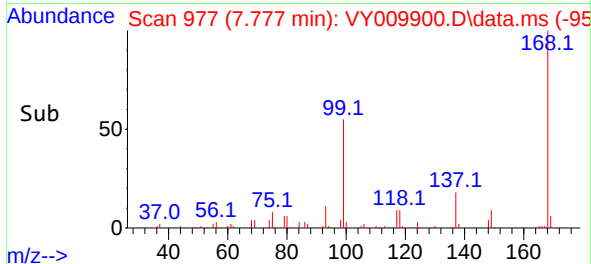
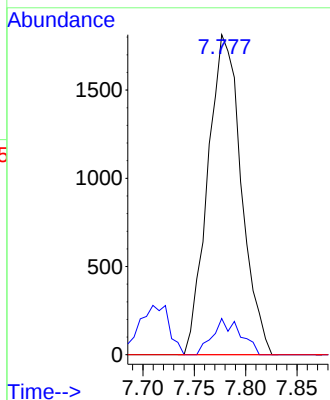
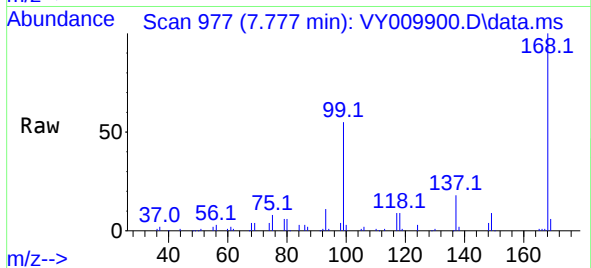




#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

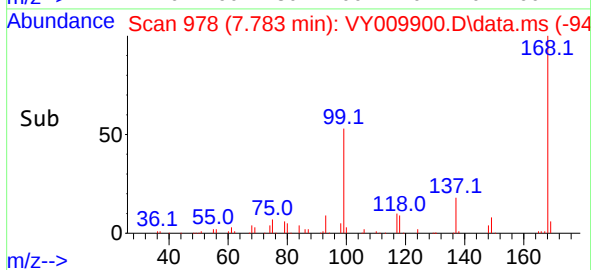
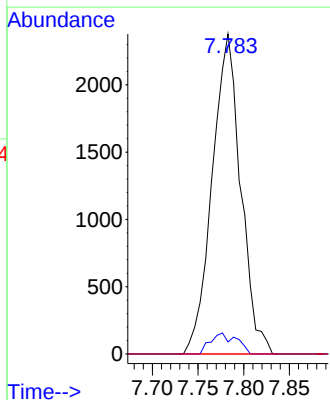
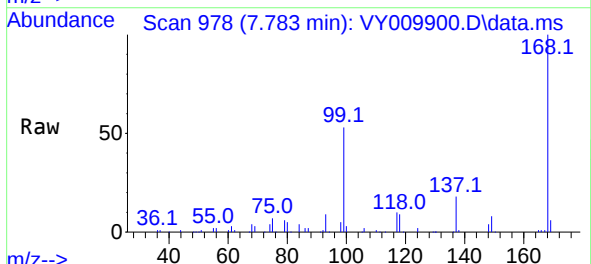
Instrument :
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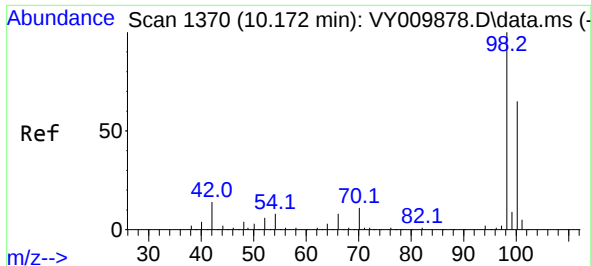
Tgt Ion: 75 Resp: 4122
Ion Ratio Lower Upper
75 100
110 9.4 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion: 117 Resp: 5177
Ion Ratio Lower Upper
117 100
119 3.8 75.9 113.9#
121 0.0 24.9 37.3#

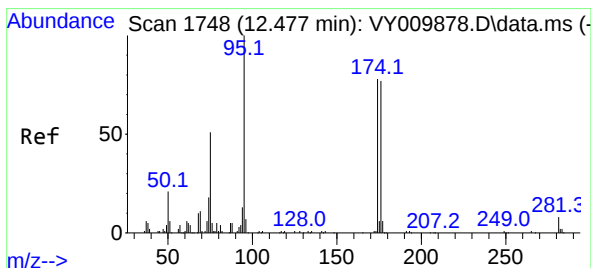
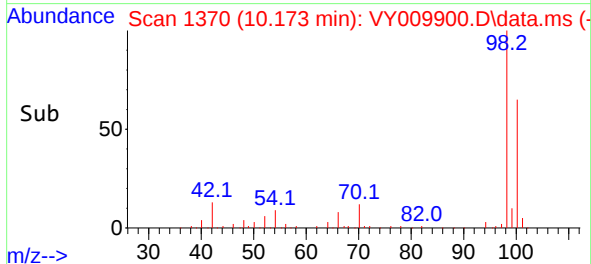
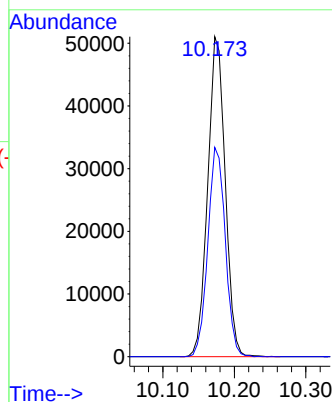
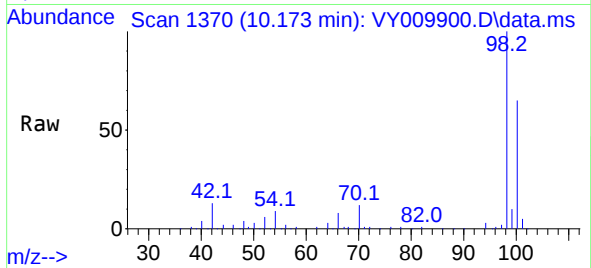




#50
Toluene-d8
Concen: 50.280 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

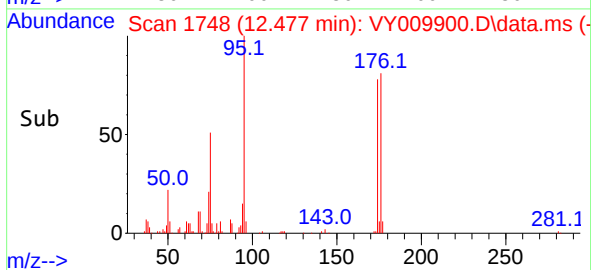
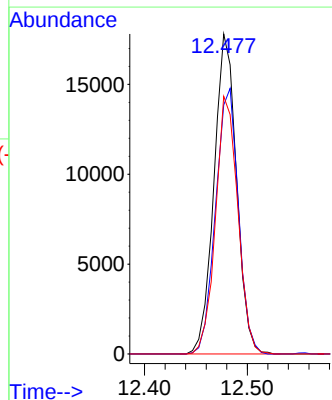
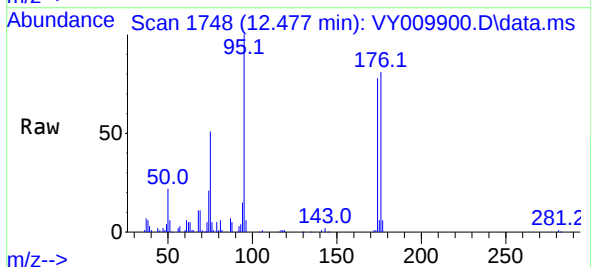
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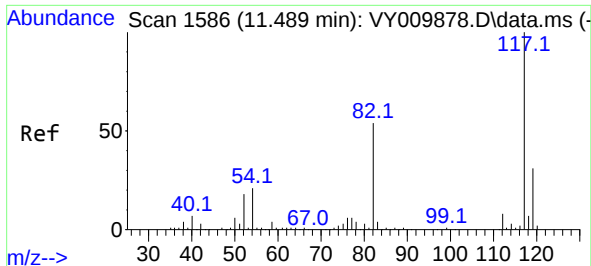
Tgt Ion: 98 Resp: 86623
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.097 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion: 95 Resp: 27098
Ion Ratio Lower Upper
95 100
174 83.8 0.0 173.8
176 79.7 0.0 167.0

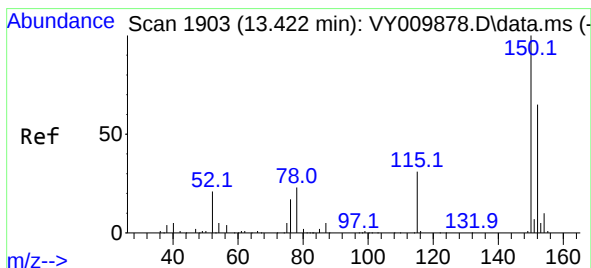
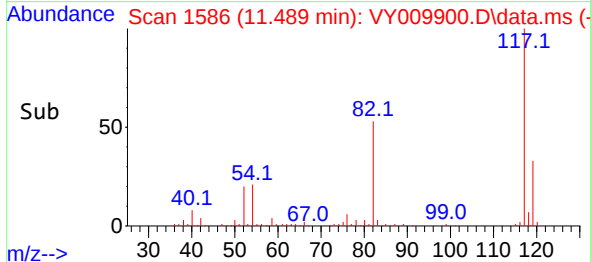
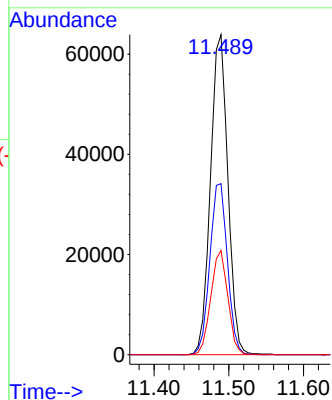
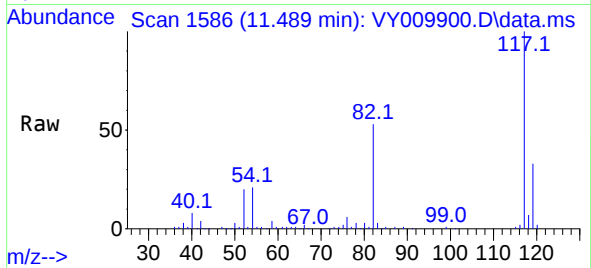




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

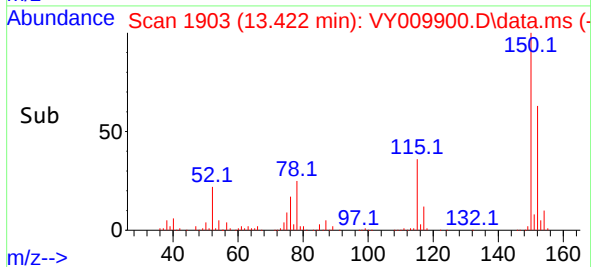
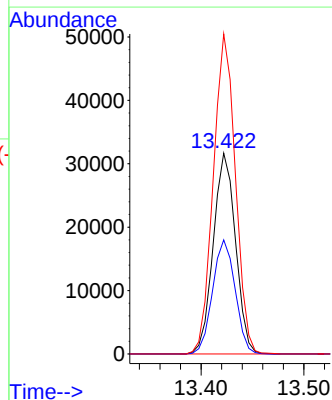
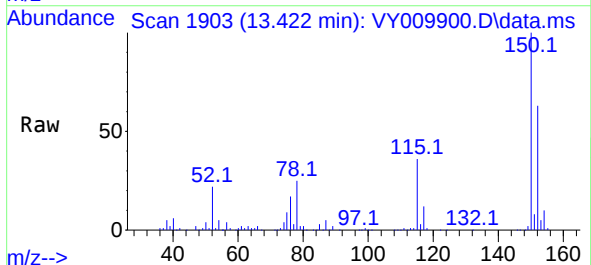
Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

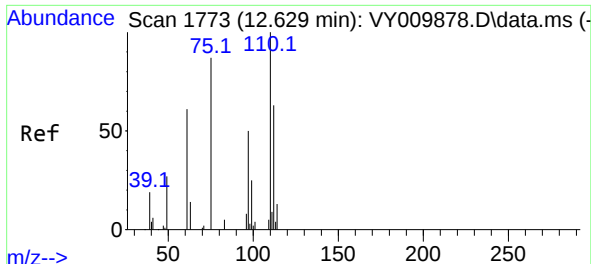
Tgt Ion:117 Resp: 103221
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion:152 Resp: 47630
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.9
150 158.1 0.0 349.8

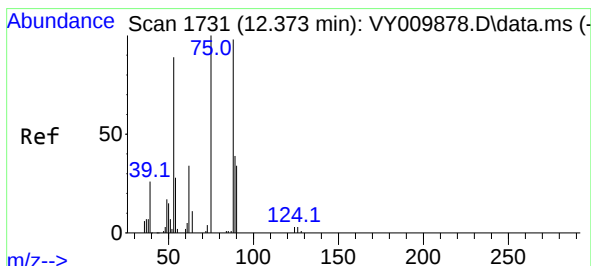
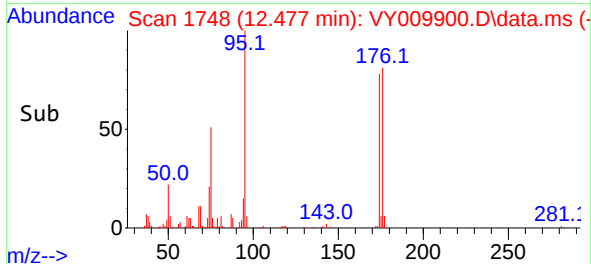
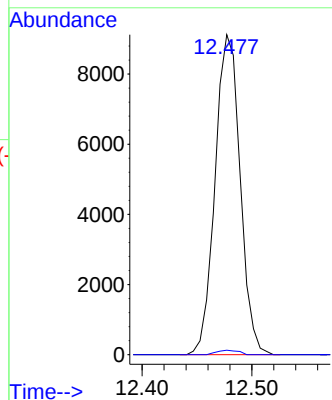
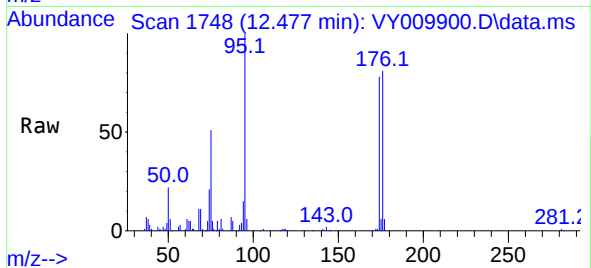




#76
1,2,3-Trichloropropane
Concen: 27.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

Tgt Ion: 75 Resp: 14494
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.232 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009900.D
Acq: 09 Aug 2022 01:58

Tgt Ion: 75 Resp: 14494
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

