

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009856.D
 Acq On : 05 Aug 2022 17:23
 Operator : KP/MD
 Sample : N3998-10
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ST-1

Quant Time: Aug 06 01:19:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

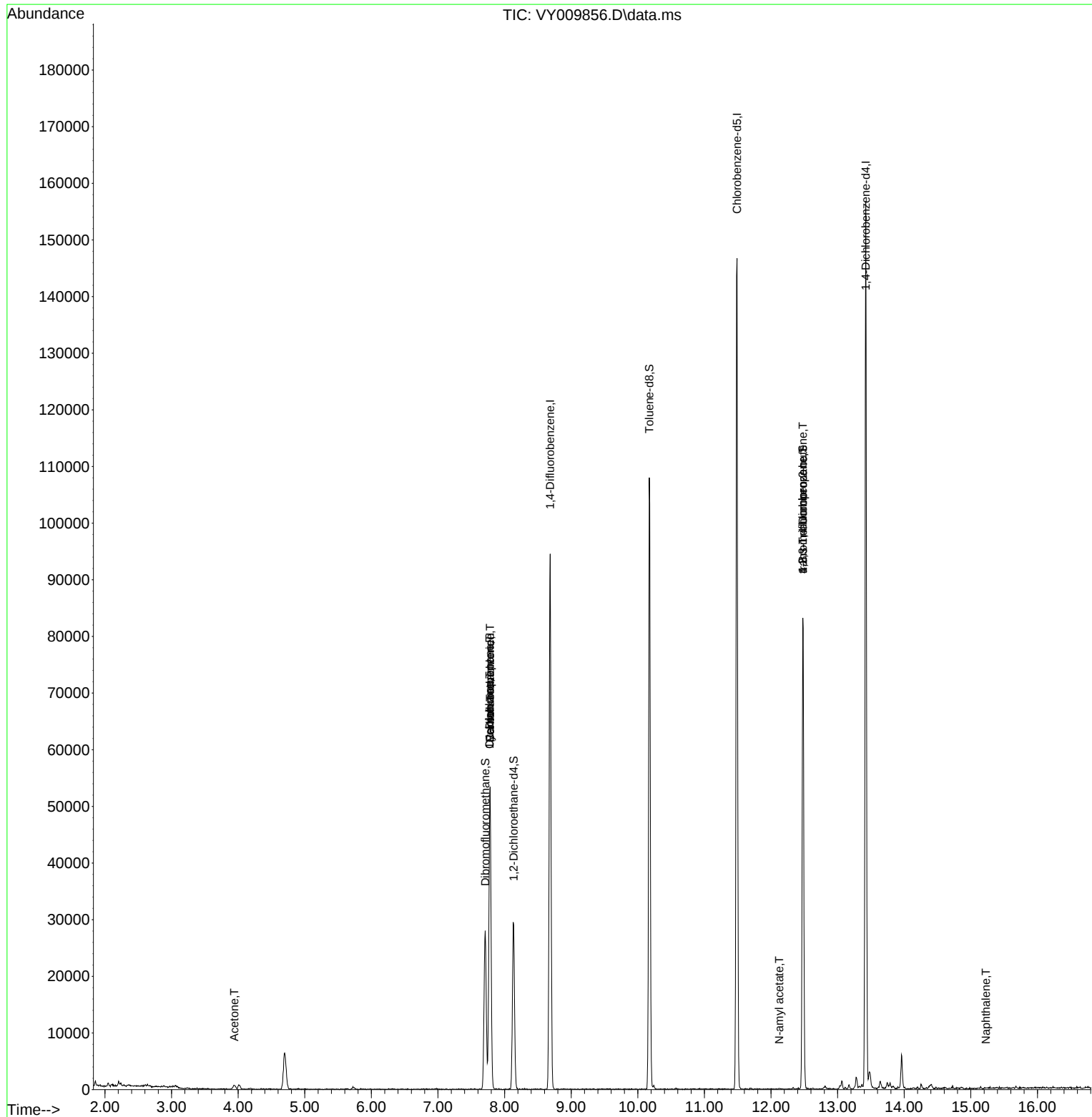
Internal Standards						
1) Pentafluorobenzene	7.783	168	40835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21692	66.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.710	113	18841	39.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.520%
50) Toluene-d8	10.173	98	67344	48.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.477	95	21866	34.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.160%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1291	11.169	ug/l	100
31) Cyclohexane	7.777	56	1041	1.347	ug/l #	73
36) 1,1-Dichloropropene	7.777	75	3036	3.862	ug/l #	49
38) Carbon Tetrachloride	7.783	117	3802	4.598	ug/l #	17
74) N-amyl acetate	12.124	43	38	3.480	ug/l #	45
76) 1,2,3-Trichloropropane	12.477	75	11935	27.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11935	59.209	ug/l #	12
95) Naphthalene	15.227	128	156	5.512	ug/l #	69

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

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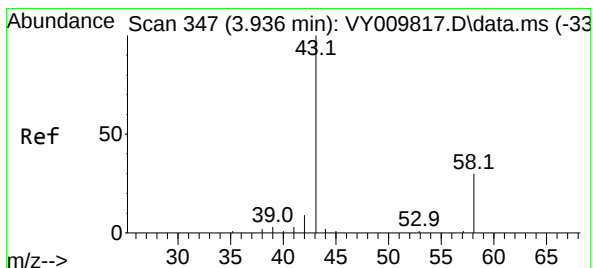
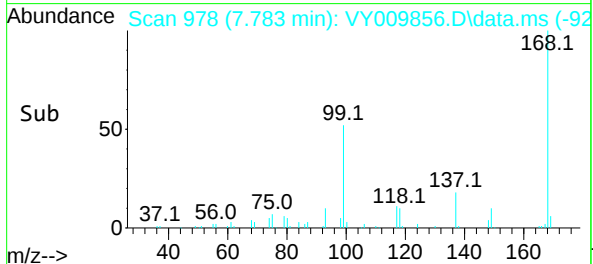
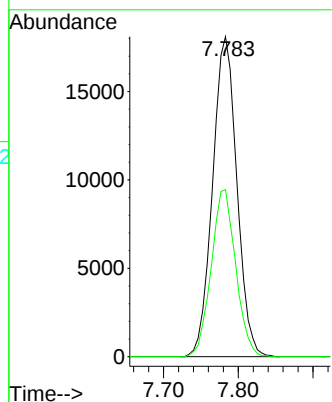
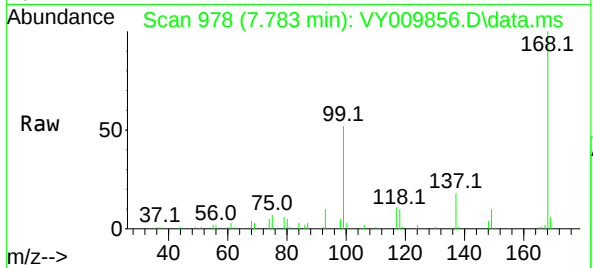




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

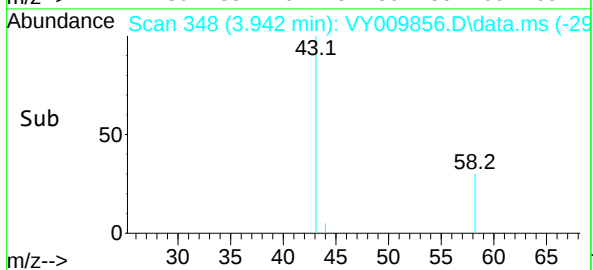
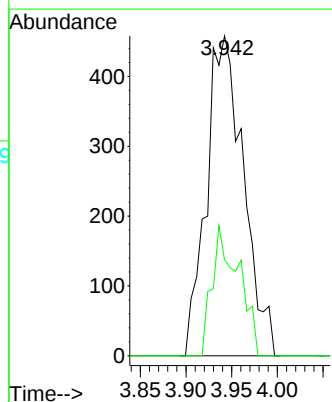
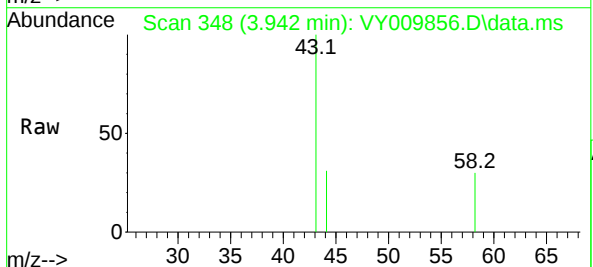
Instrument :
MSVOA_Y
ClientSampleId :
ST-1

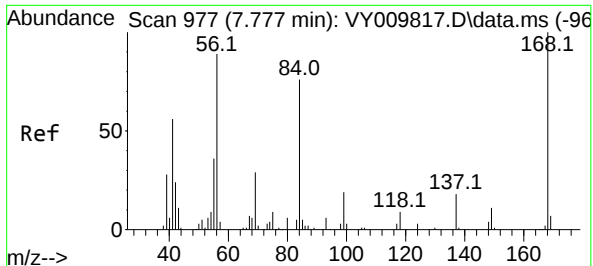
Tgt Ion:168 Resp: 40835
Ion Ratio Lower Upper
168 100
99 52.2 44.7 67.1



#16
Acetone
Concen: 11.169 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

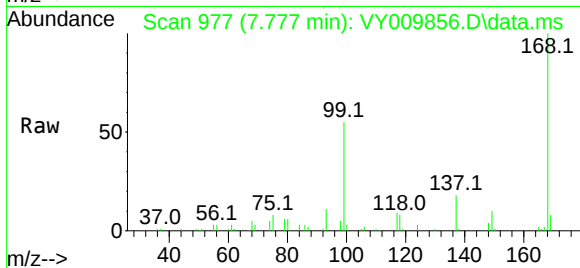
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 30.1 24.1 36.1



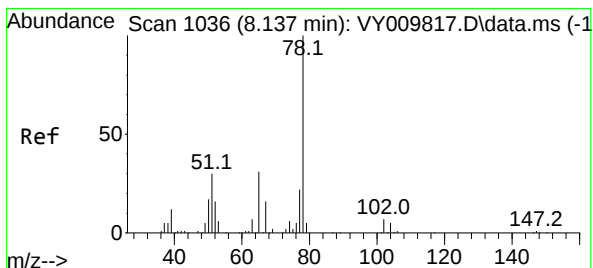
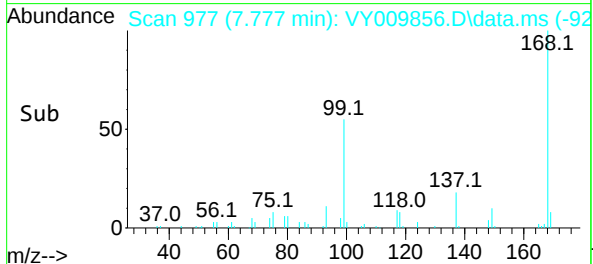
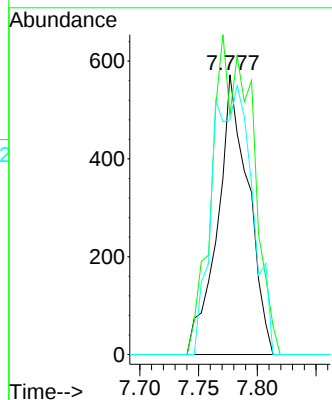


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
ST-1

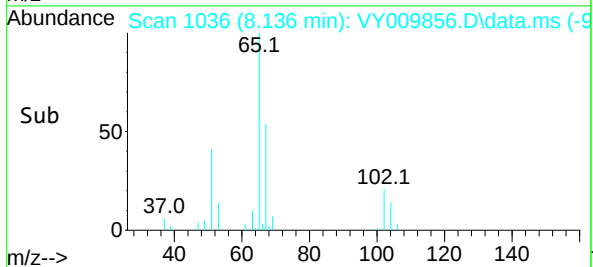
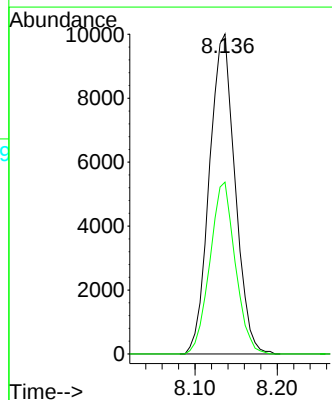
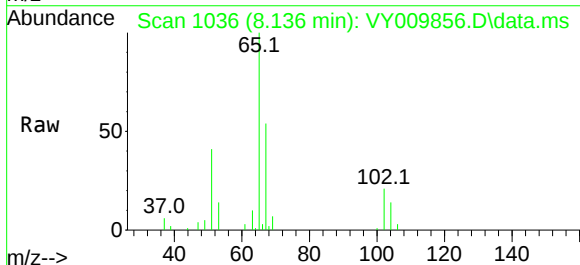


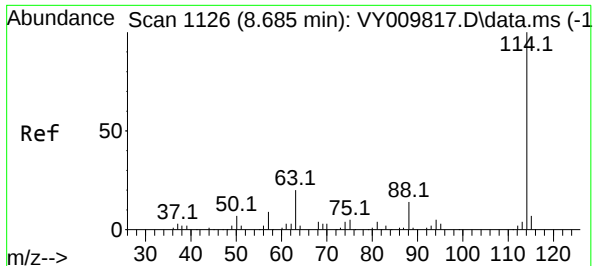
Tgt Ion: 56 Resp: 1041
Ion Ratio Lower Upper
56 100
69 85.8 25.8 38.8#
84 83.9 67.9 101.9



#33
1,2-Dichloroethane-d4
Concen: 66.639 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 65 Resp: 21692
Ion Ratio Lower Upper
65 100
67 53.1 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

ST-1

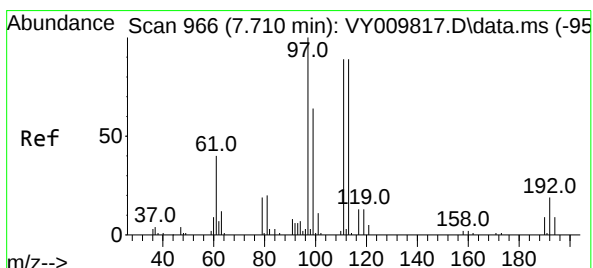
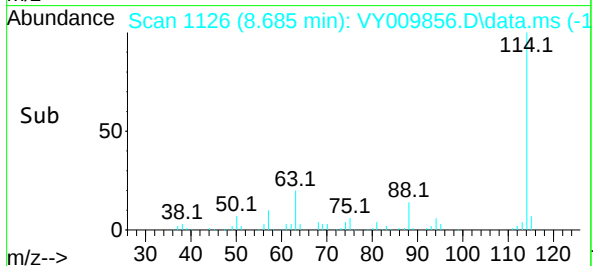
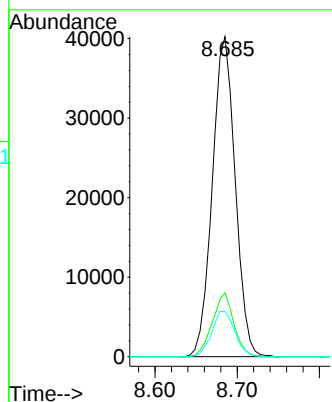
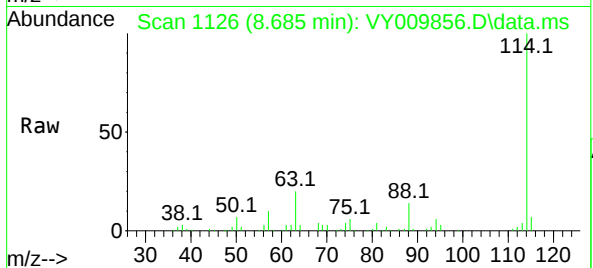
Tgt Ion:114 Resp: 77722

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 14.1 0.0 27.6



#35

Dibromofluoromethane

Concen: 39.759 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

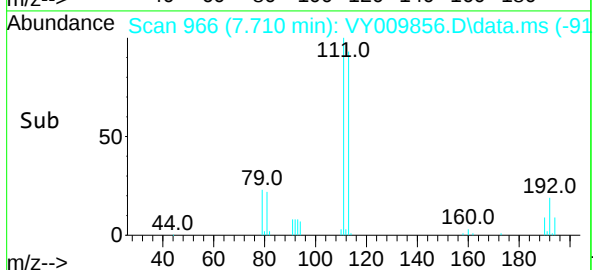
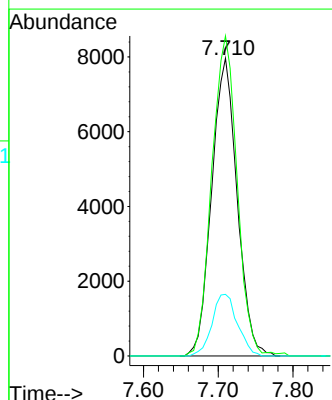
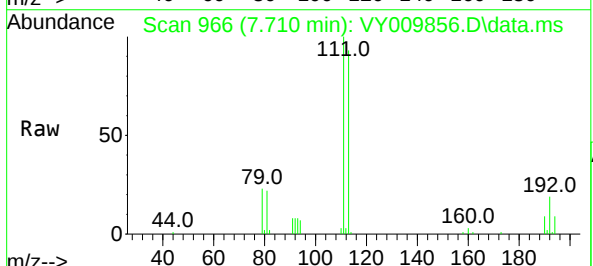
Tgt Ion:113 Resp: 18841

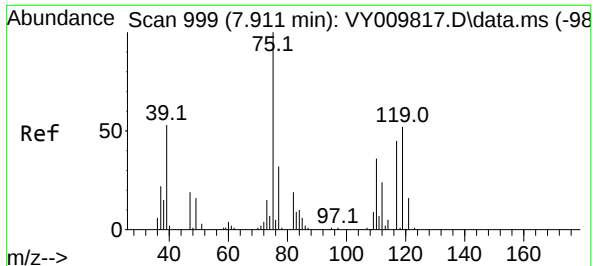
Ion Ratio Lower Upper

113 100

111 107.1 82.4 123.6

192 20.6 16.5 24.7





#36

1,1-Dichloropropene

Concen: 3.862 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

ST-1

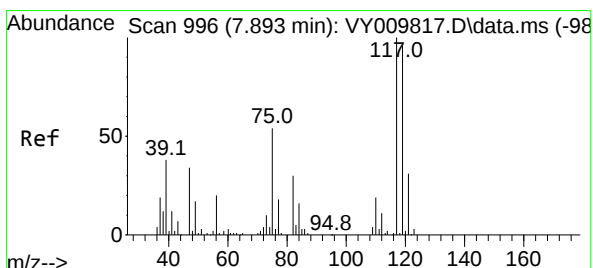
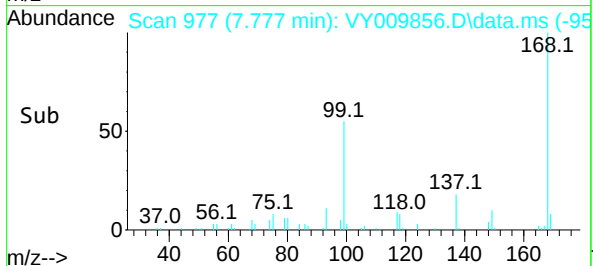
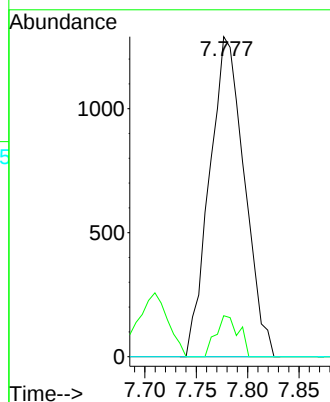
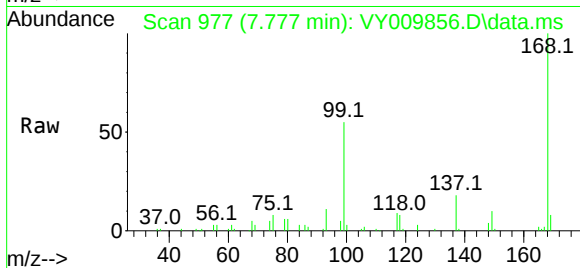
Tgt Ion: 75 Resp: 3036

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.598 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009856.D

Acq: 05 Aug 2022 17:23

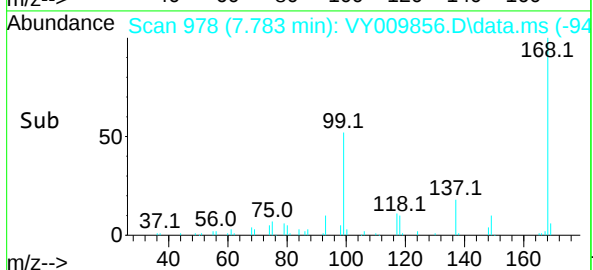
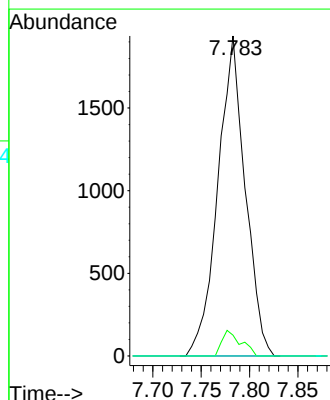
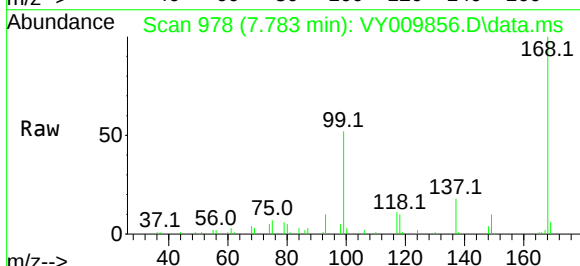
Tgt Ion: 117 Resp: 3802

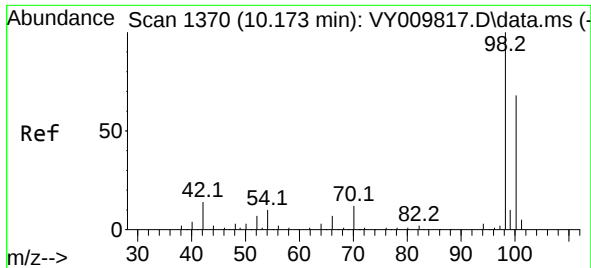
Ion Ratio Lower Upper

117 100

119 6.5 76.8 115.2#

121 0.0 24.9 37.3#

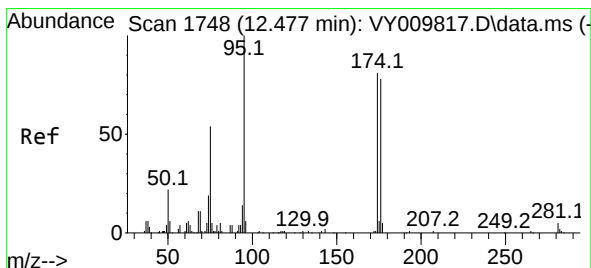
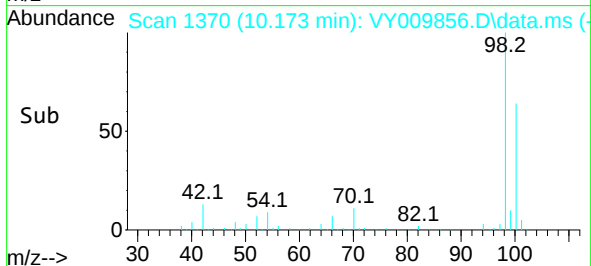
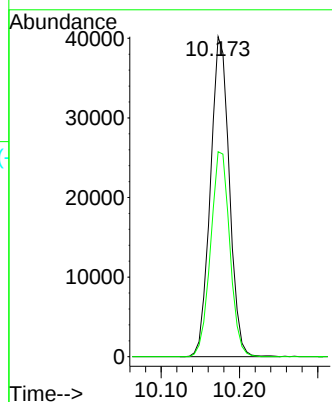
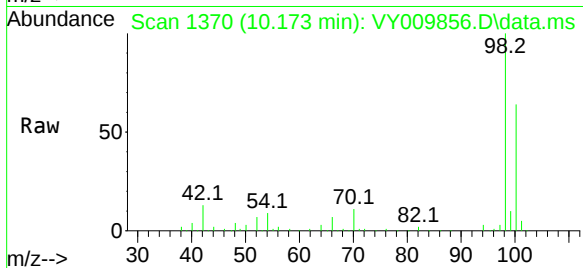




#50
Toluene-d8
Concen: 48.151 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

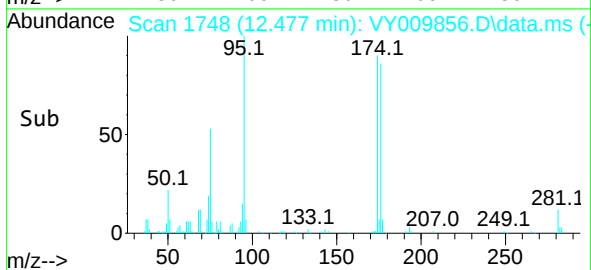
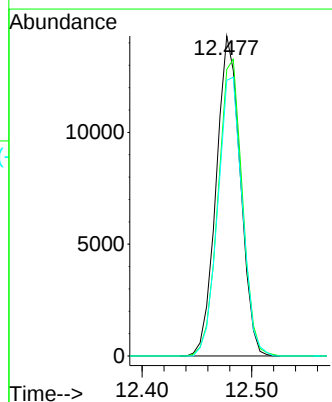
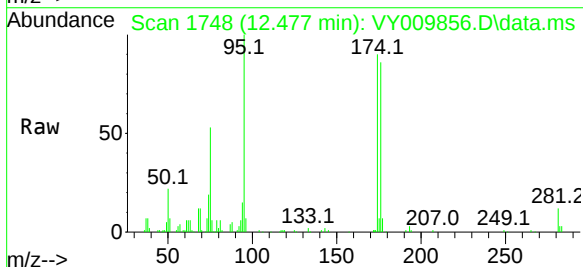
Instrument :
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ClientSampleId :
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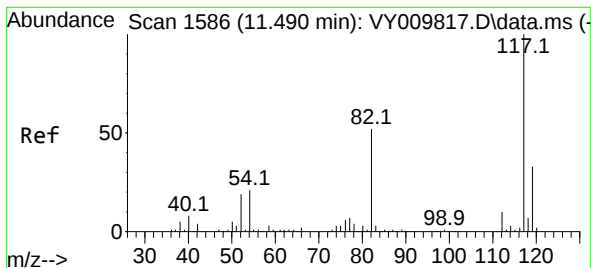
Tgt Ion: 98 Resp: 67344
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 34.075 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 95 Resp: 21866
Ion Ratio Lower Upper
95 100
174 92.8 0.0 168.6
176 88.4 0.0 163.6

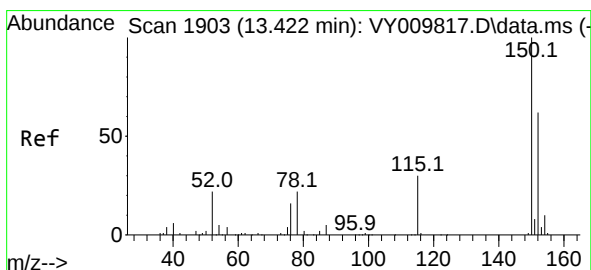
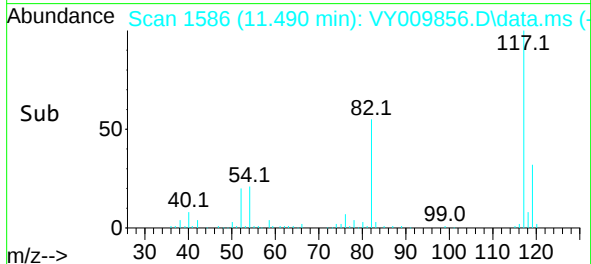
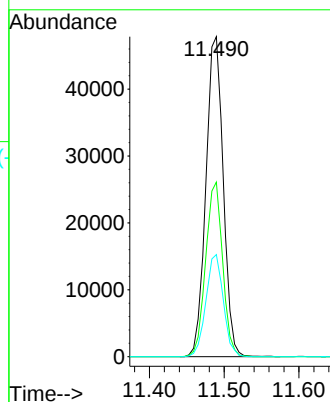
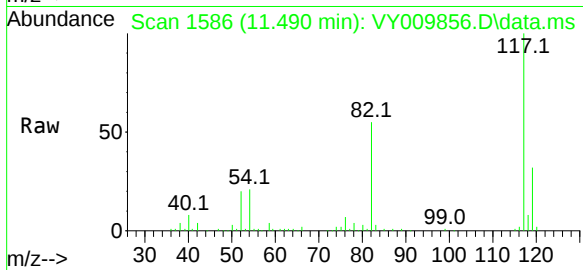




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

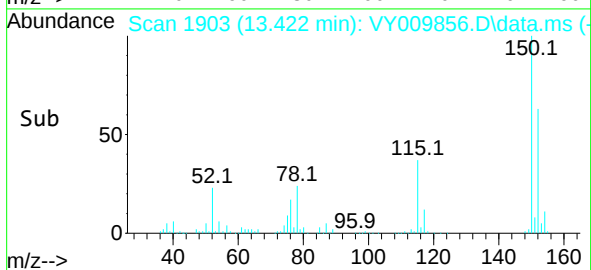
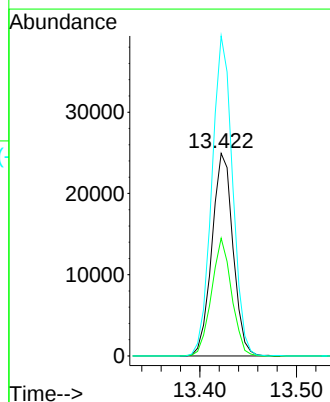
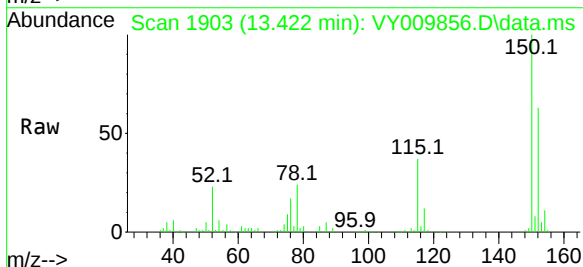
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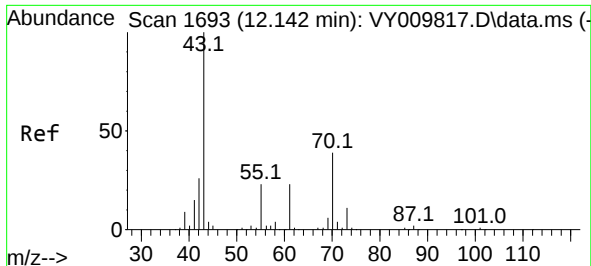
Tgt Ion:117 Resp: 77107
Ion Ratio Lower Upper
117 100
82 54.6 41.7 62.5
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion:152 Resp: 37819
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 155.0 0.0 354.2

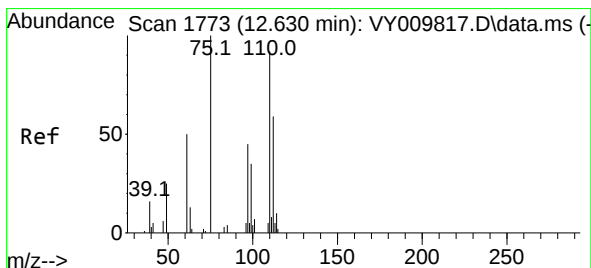
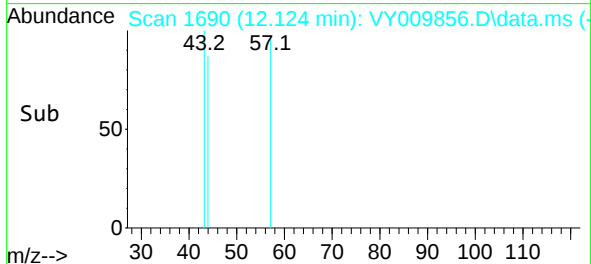
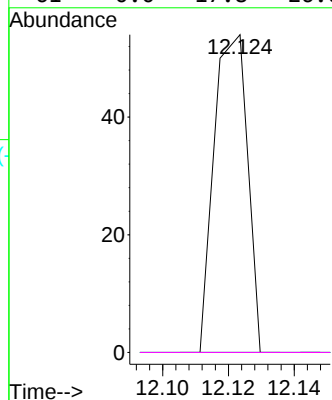
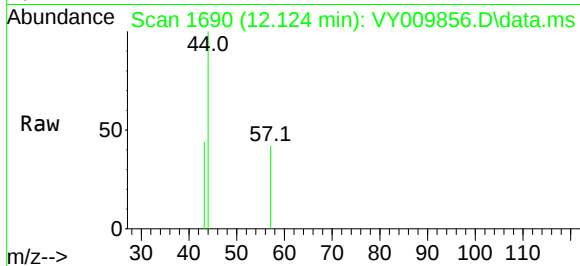




#74
N-amy1 acetate
Concen: 3.480 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

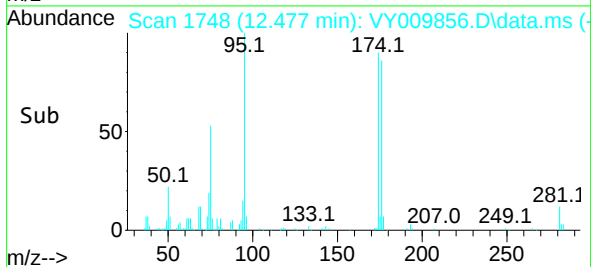
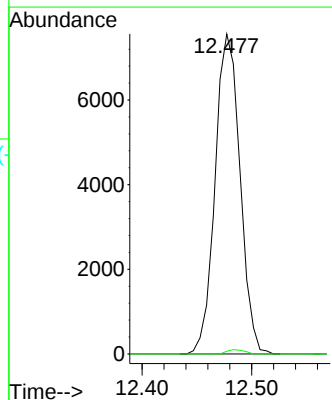
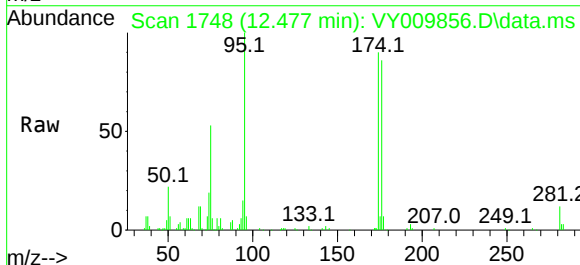
Instrument :
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ClientSampleId :
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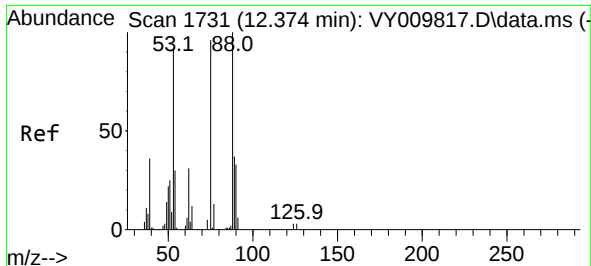
Tgt Ion: 43	Resp: 38
Ion Ratio	Lower Upper
43 100	
70 0.0	31.4 47.0#
55 0.0	19.0 28.4#
61 0.0	17.8 26.6#



#76
1,2,3-Trichloropropane
Concen: 27.588 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 75	Resp: 11935
Ion Ratio	Lower Upper
75 100	
77 0.9	0.0 0.0#

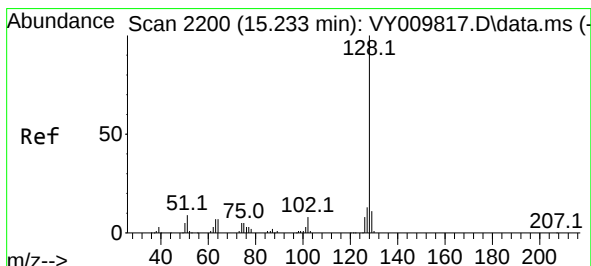
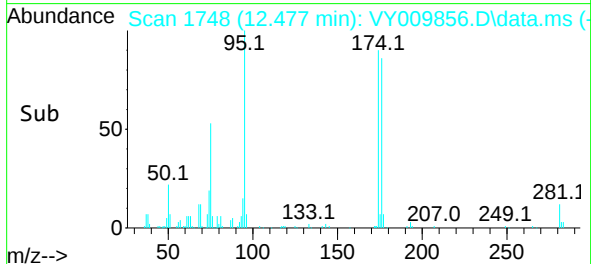
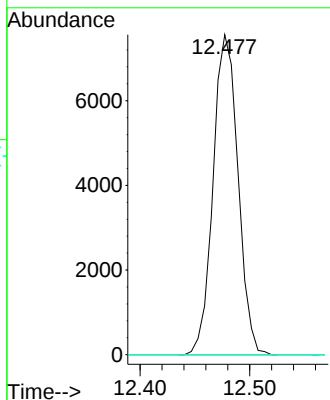
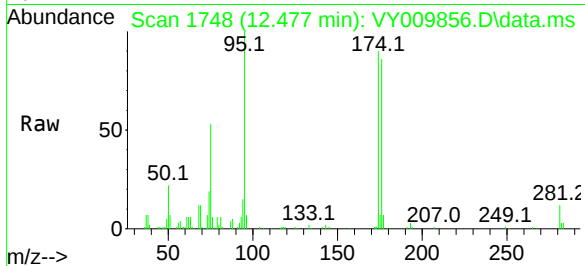




#81
trans-1,4-Dichloro-2-butene
Concen: 59.209 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
ST-1

Tgt Ion: 75 Resp: 11935
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.512 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY009856.D
Acq: 05 Aug 2022 17:23

Tgt Ion: 128 Resp: 156
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

