

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009844.D
 Acq On : 04 Aug 2022 19:52
 Operator : KP/MD
 Sample : N3998-06
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Aug 05 01:45:28 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)

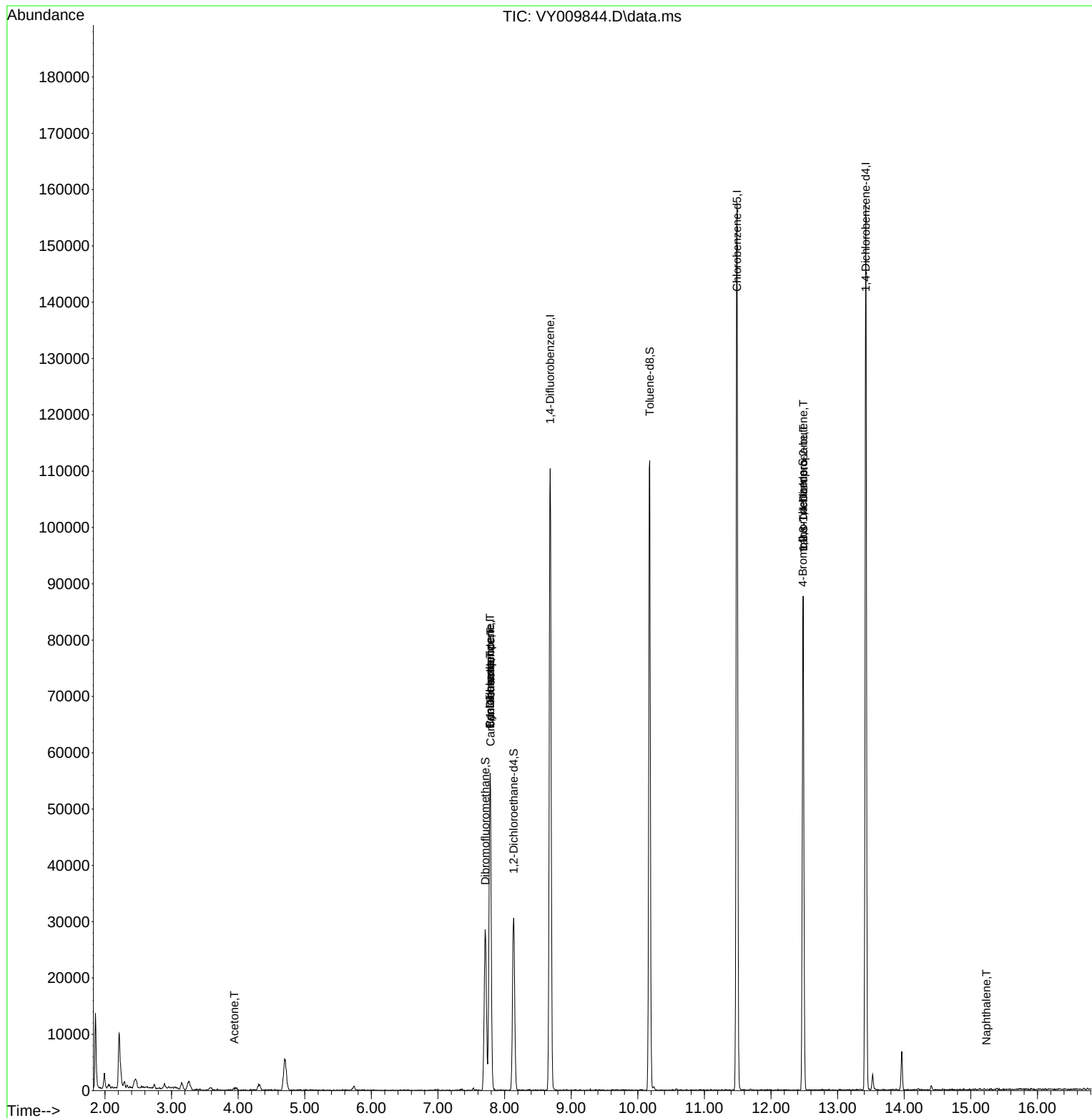
Internal Standards						
1) Pentafluorobenzene	7.783	168	43725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23549	67.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.320%
35) Dibromofluoromethane	7.710	113	19775	34.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.580%
50) Toluene-d8	10.179	98	71125	40.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.460%
62) 4-Bromofluorobenzene	12.477	95	22626	28.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	57.940%
Target Compounds						
16) Acetone	3.942	43	273	2.206	ug/l	94
20) Methylene Chloride	4.698	84	4072	Below Cal		93
31) Cyclohexane	7.783	56	1059	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3383	3.536	ug/l #	50
38) Carbon Tetrachloride	7.789	117	4281	4.255	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	11992	27.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11992	59.241	ug/l #	12
95) Naphthalene	15.233	128	22	5.433	ug/l #	69

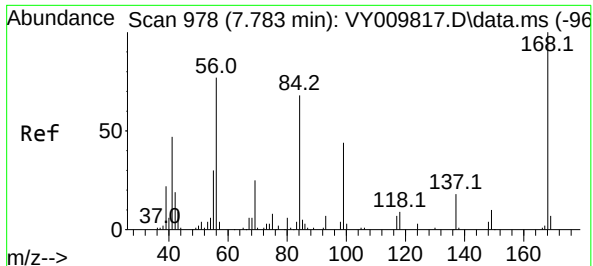
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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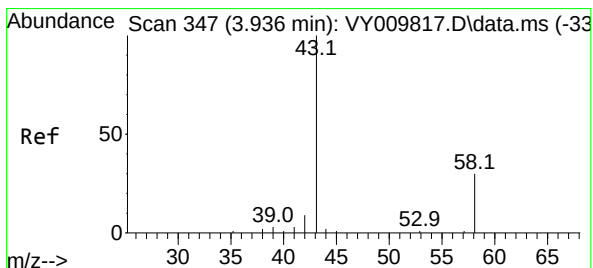
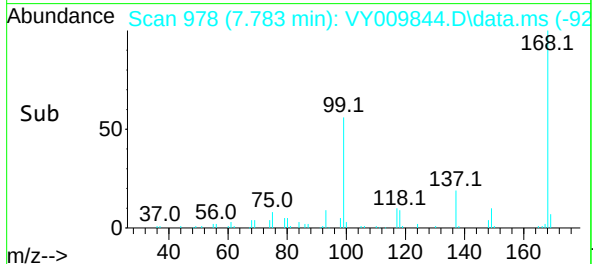
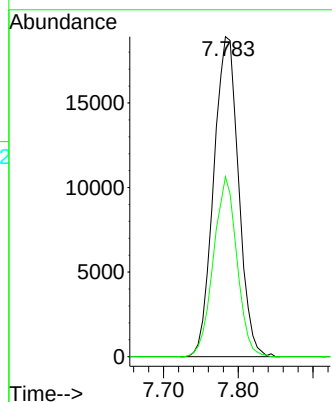
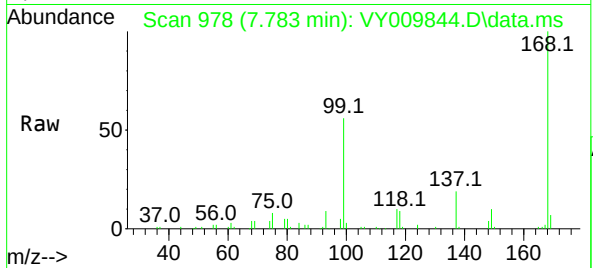




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

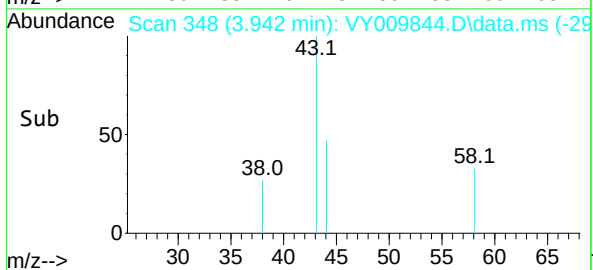
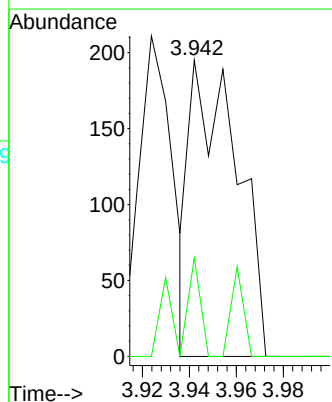
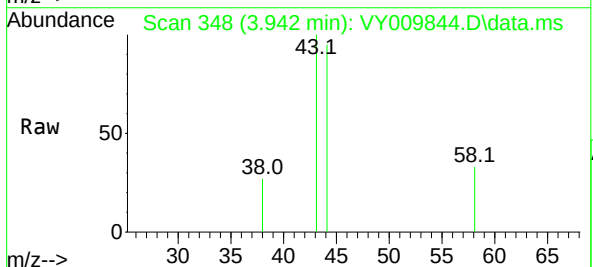
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

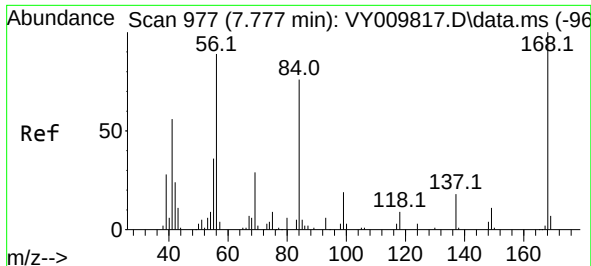
Tgt Ion:168 Resp: 43725
Ion Ratio Lower Upper
168 100
99 56.2 44.7 67.1



#16
Acetone
Concen: 2.206 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 33.3 24.1 36.1

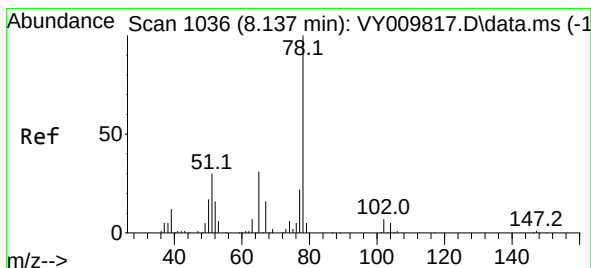
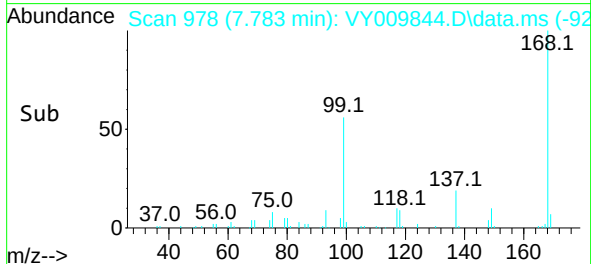
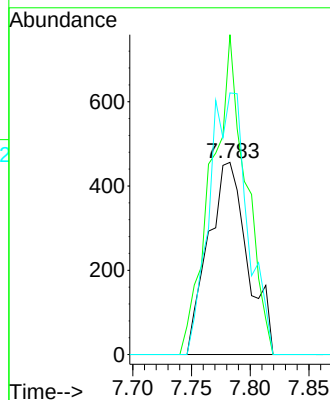
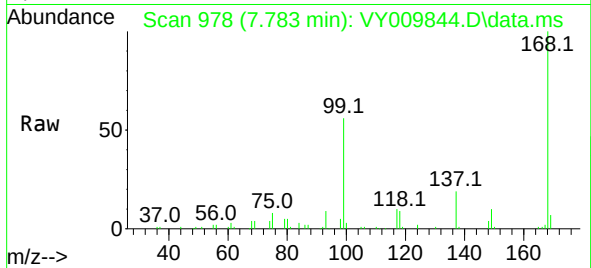




#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

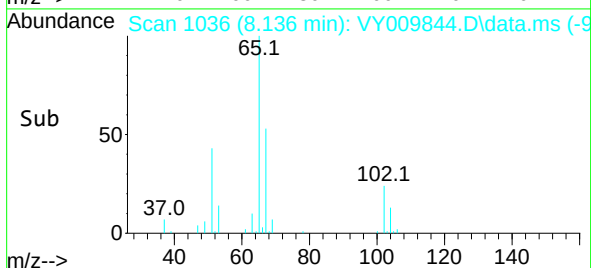
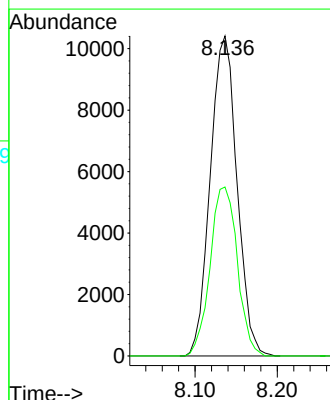
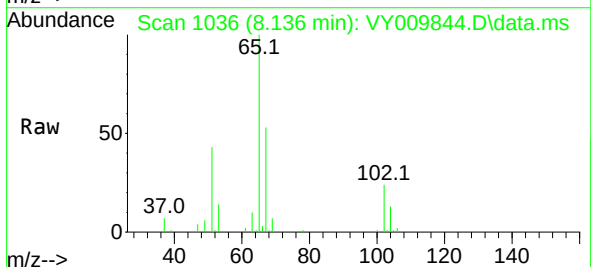
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

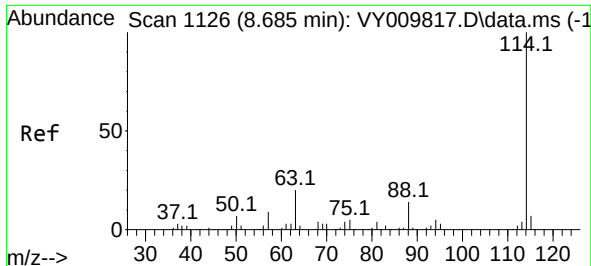
Tgt Ion: 56 Resp: 1059
Ion Ratio Lower Upper
56 100
69 166.4 25.8 38.8#
84 136.2 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 67.658 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion: 65 Resp: 23549
Ion Ratio Lower Upper
65 100
67 53.8 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: VY009844.D

Acq: 04 Aug 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

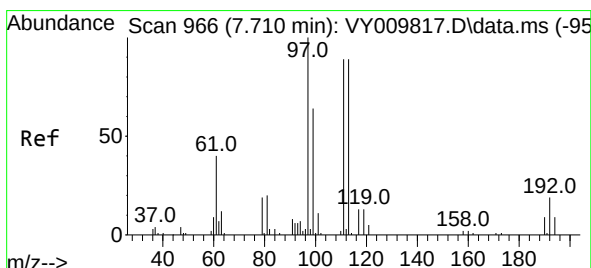
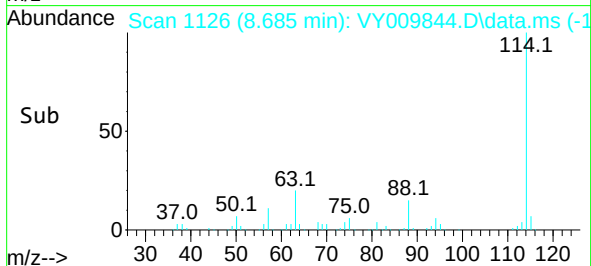
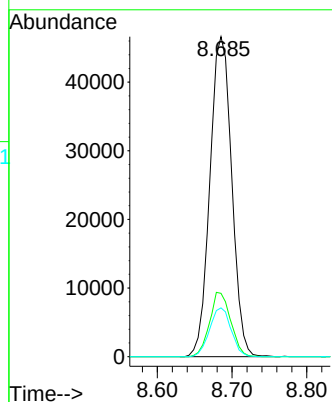
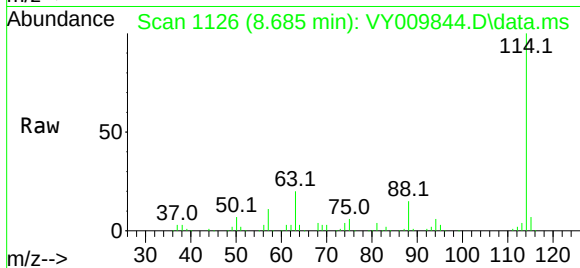
Tgt Ion:114 Resp: 94583

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.3 0.0 27.6



#35

Dibromofluoromethane

Concen: 34.291 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

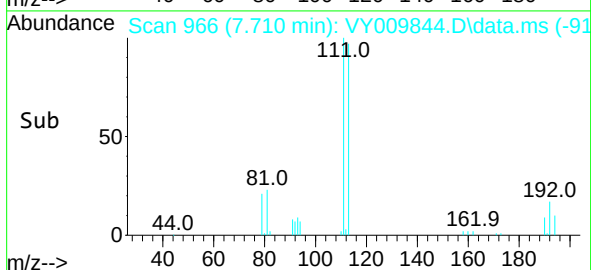
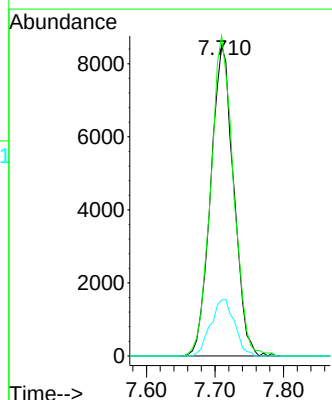
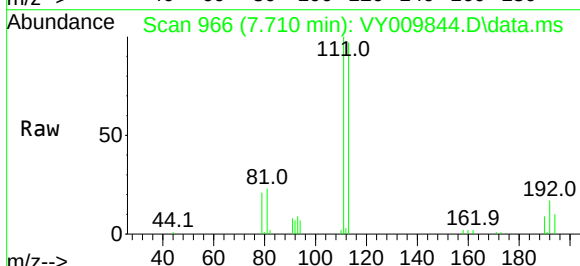
Tgt Ion:113 Resp: 19775

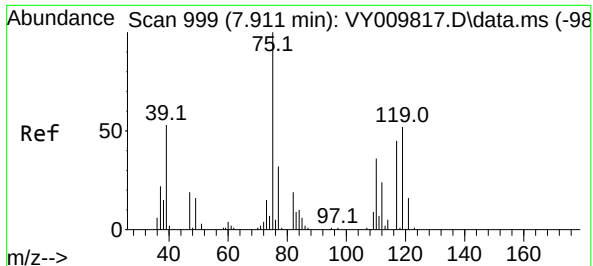
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.9 16.5 24.7





#36

1,1-Dichloropropene

Concen: 3.536 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

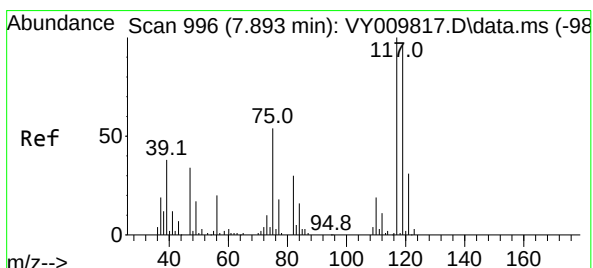
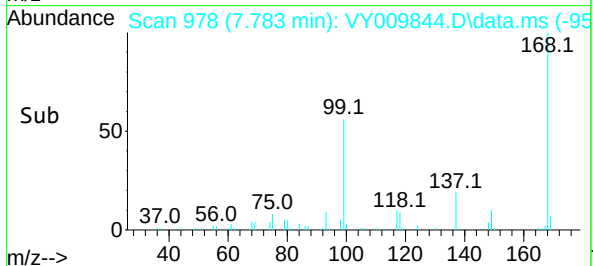
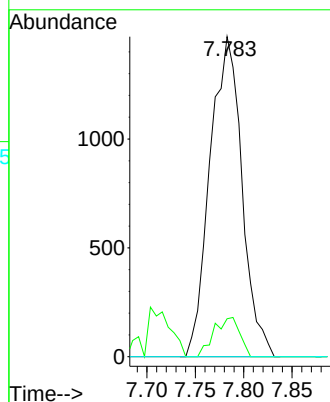
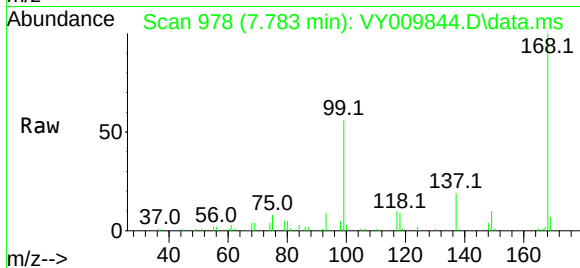
Tgt Ion: 75 Resp: 3383

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.255 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

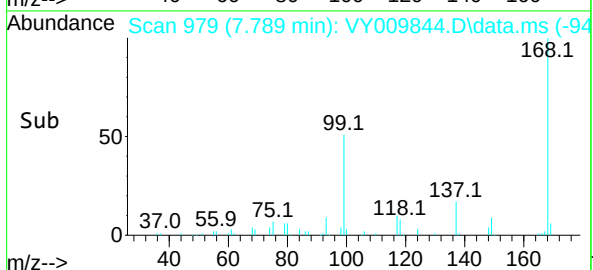
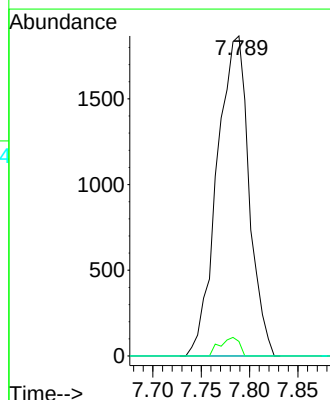
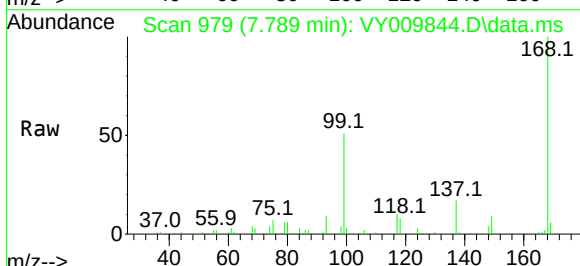
Tgt Ion: 117 Resp: 4281

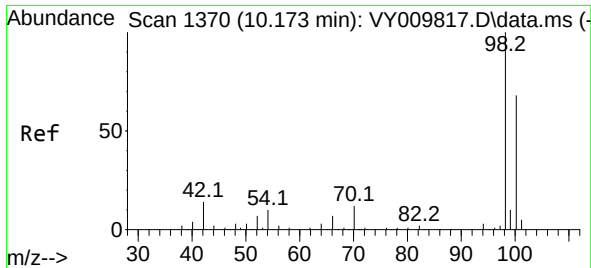
Ion Ratio Lower Upper

117 100

119 4.6 76.8 115.2#

121 0.0 24.9 37.3#

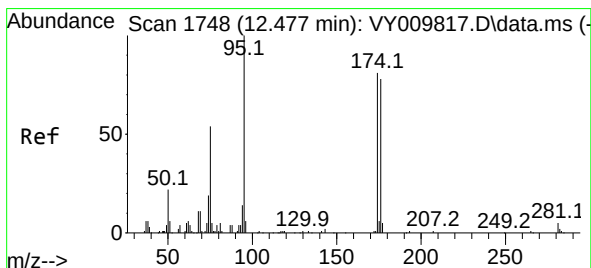
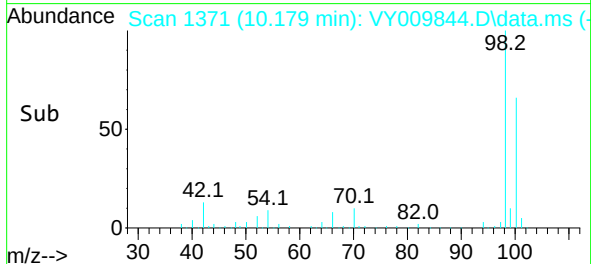
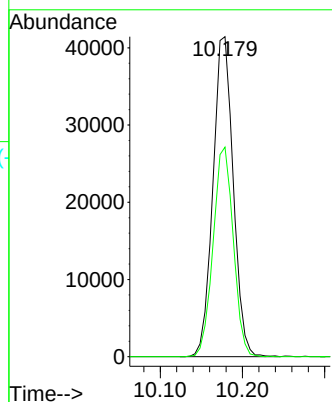
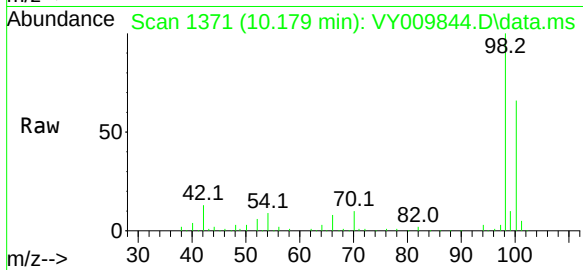




#50
Toluene-d8
Concen: 40.729 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

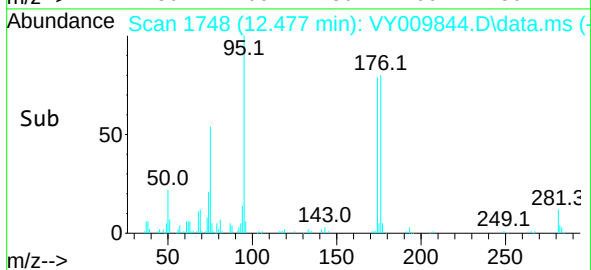
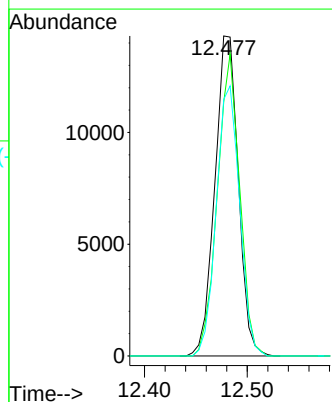
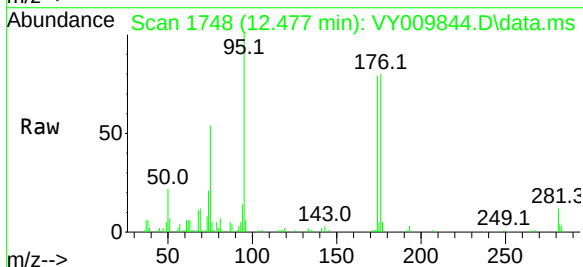
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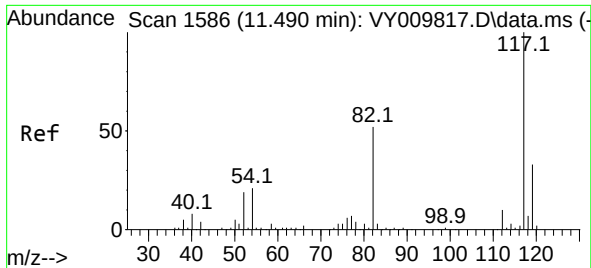
Tgt Ion: 98 Resp: 71125
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 28.974 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion: 95 Resp: 22626
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.6
176 84.1 0.0 163.6

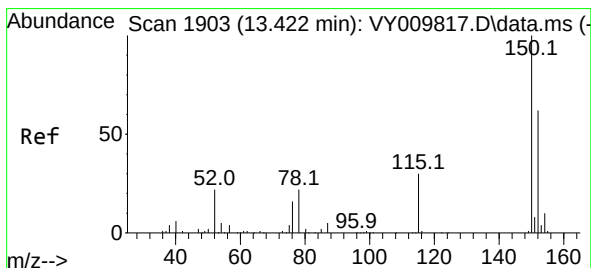
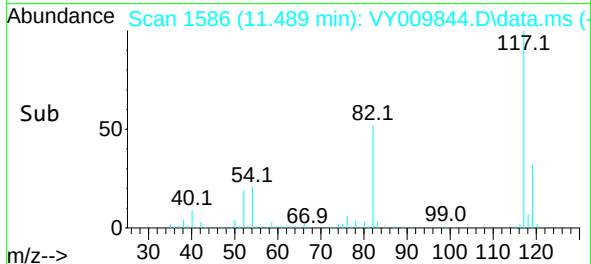
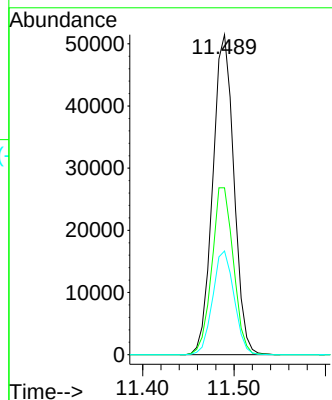
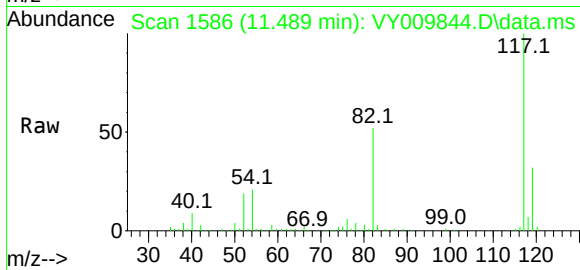




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

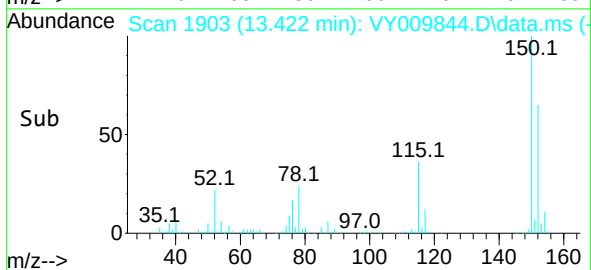
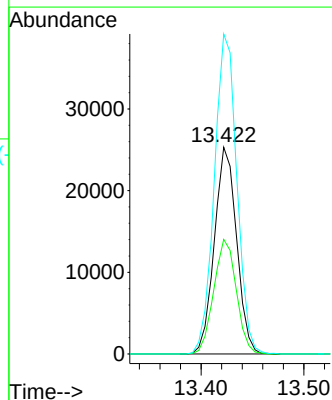
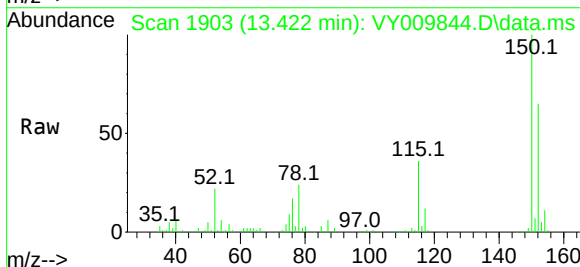
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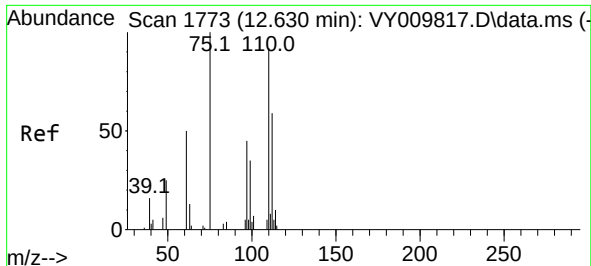
Tgt Ion:117 Resp: 82695
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion:152 Resp: 37979
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 156.7 0.0 354.2

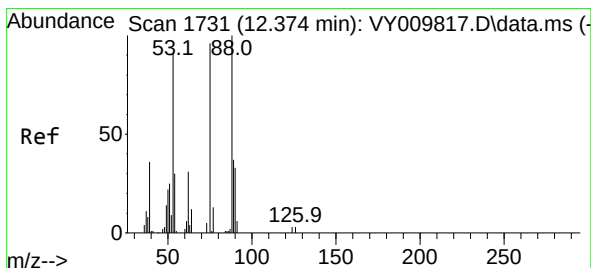
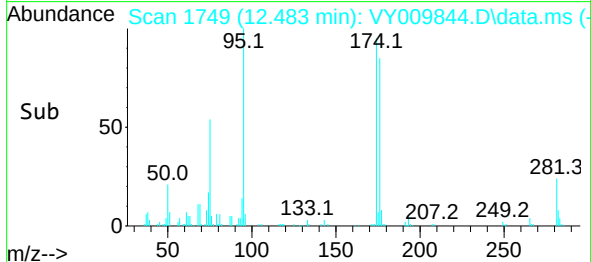
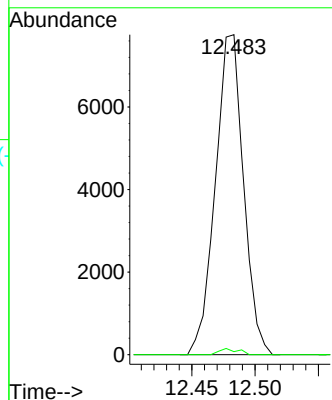
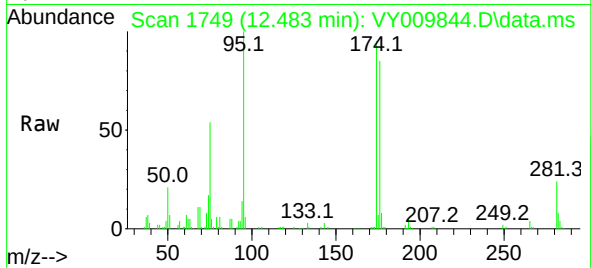




#76
1,2,3-Trichloropropane
Concen: 27.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

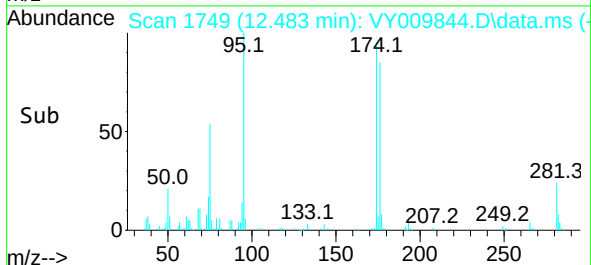
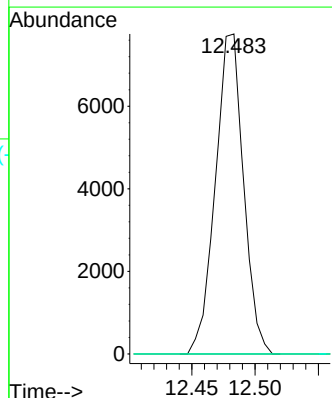
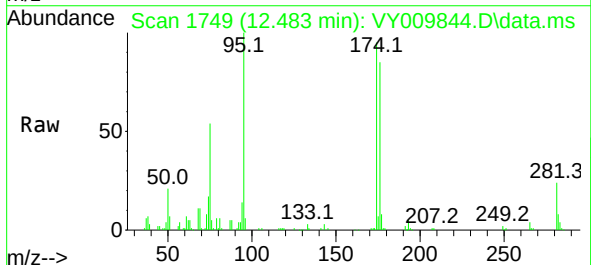
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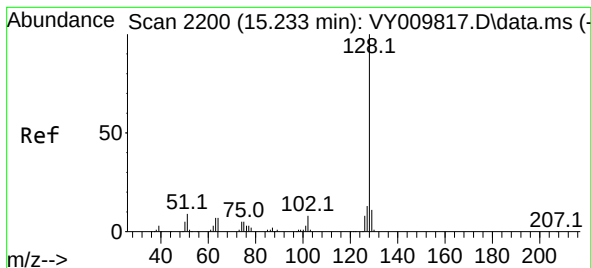
Tgt Ion: 75 Resp: 11992
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion: 75 Resp: 11992
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 5.433 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009844.D

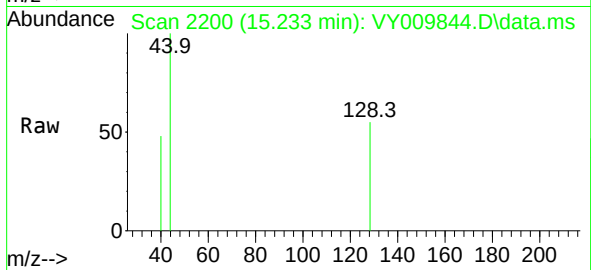
Acq: 04 Aug 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:128 Resp: 22

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#

