

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009973.D
 Acq On : 11 Aug 2022 18:54
 Operator : KP/MD
 Sample : N4064-05RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13RE

Quant Time: Aug 12 02:50:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

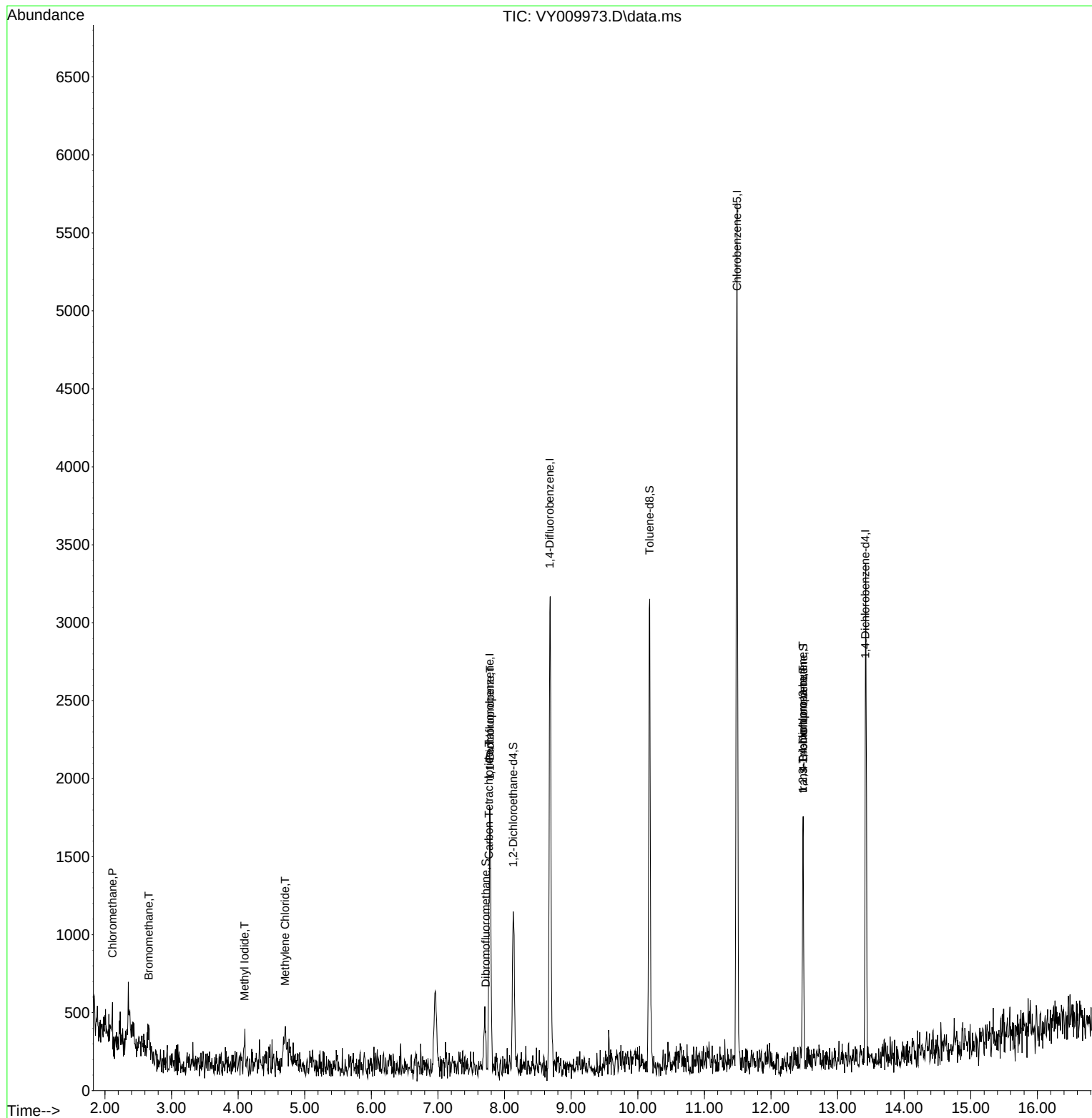
Internal Standards						
1) Pentafluorobenzene	7.777	168	1617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	3087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	909	75.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.240%	
35) Dibromofluoromethane	7.716	113	219	12.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 24.660%#	
50) Toluene-d8	10.179	98	2127	39.711	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.420%	
62) 4-Bromofluorobenzene	12.483	95	577	23.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 46.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	151	10.540	ug/l #	40
5) Bromomethane	2.656	94	59	1.614	ug/l	99
10) Methyl Iodide	4.095	142	143	6.598	ug/l #	56
20) Methylene Chloride	4.704	84	214	6.966	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	43	1.391	ug/l #	40
38) Carbon Tetrachloride	7.765	117	128	4.322	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	280	28.446	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	280	55.373	ug/l #	13

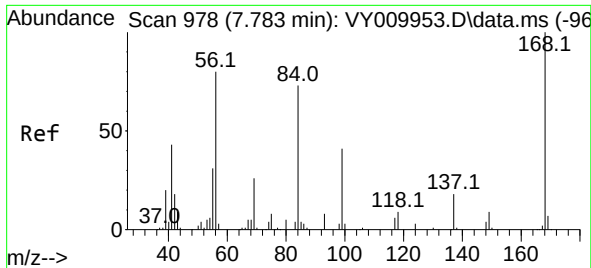
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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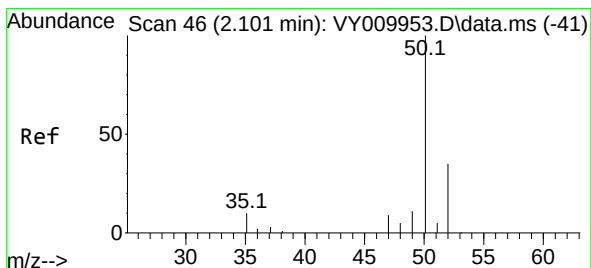
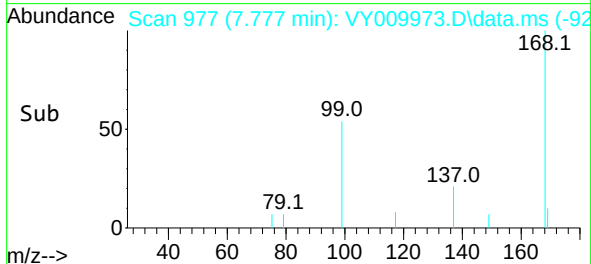
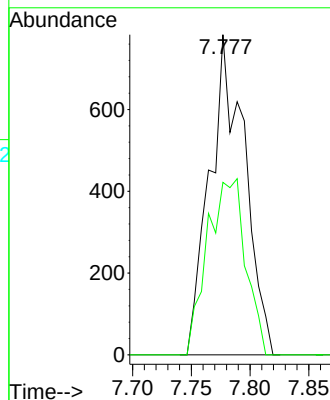
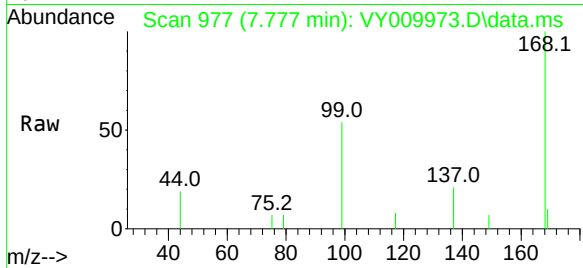




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

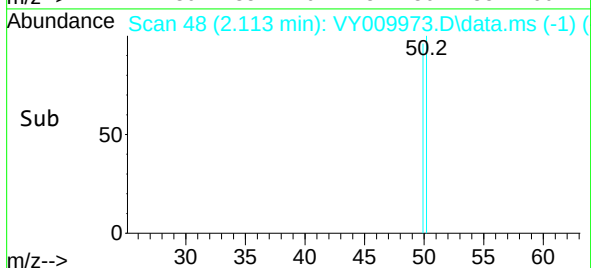
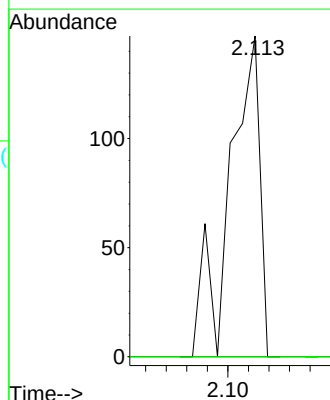
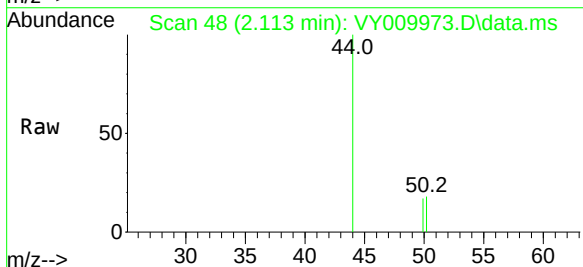
Instrument :
MSVOA_Y
ClientSampleId :
SB-13RE

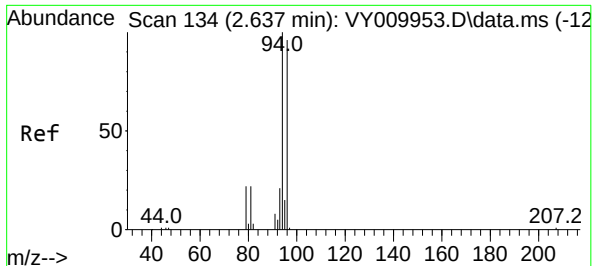
Tgt Ion:168 Resp: 1617
Ion Ratio Lower Upper
168 100
99 53.9 42.1 63.1



#3
Chloromethane
Concen: 10.540 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.012 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

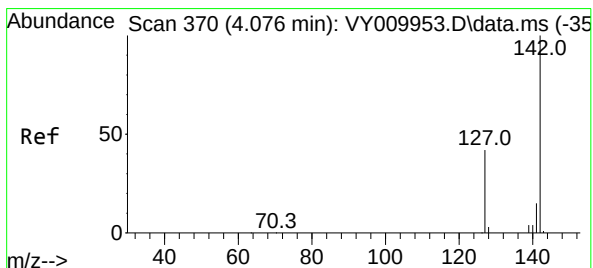
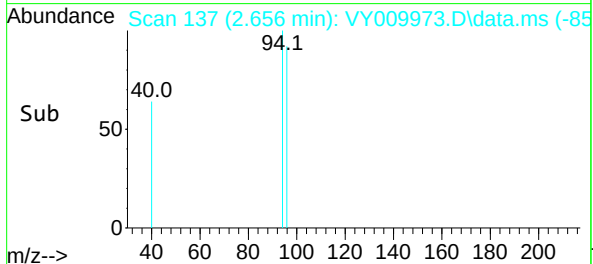
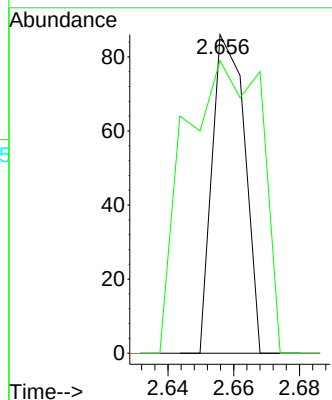
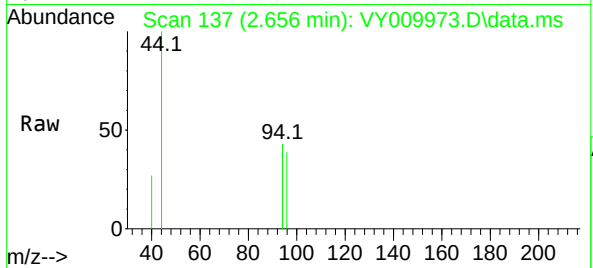




#5
Bromomethane
Concen: 1.614 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

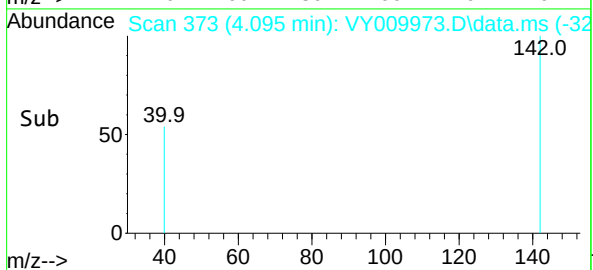
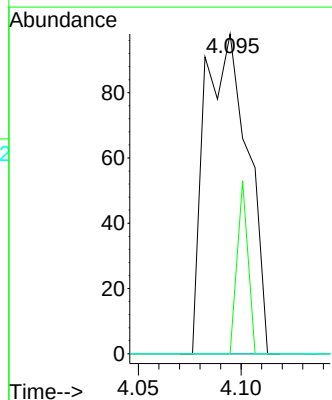
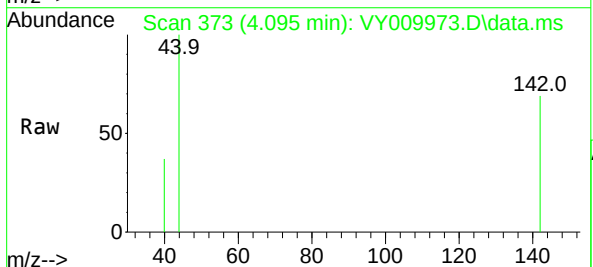
Instrument :
MSVOA_Y
ClientSampleId :
SB-13RE

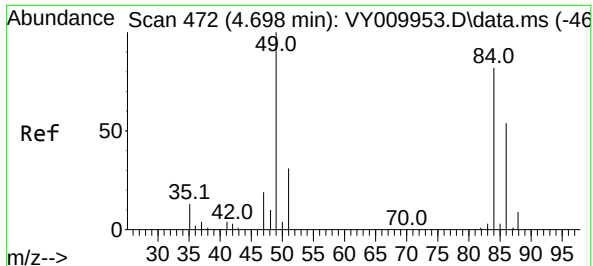
Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#10
Methyl Iodide
Concen: 6.598 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.019 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 142 Resp: 143
Ion Ratio Lower Upper
142 100
127 13.3 35.2 52.8#
141 0.0 11.4 17.2#





#20

Methylene Chloride

Concen: 6.966 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-13RE

Tgt Ion: 84 Resp: 214

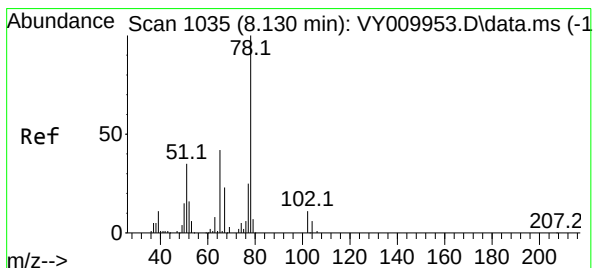
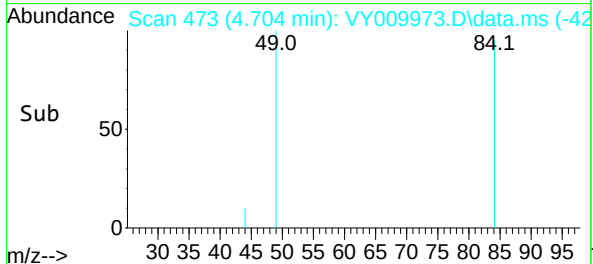
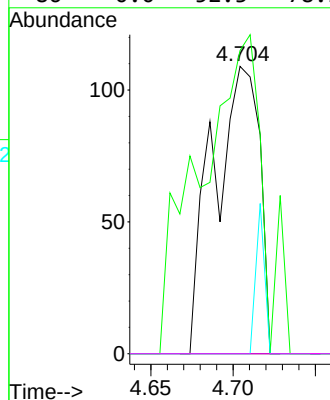
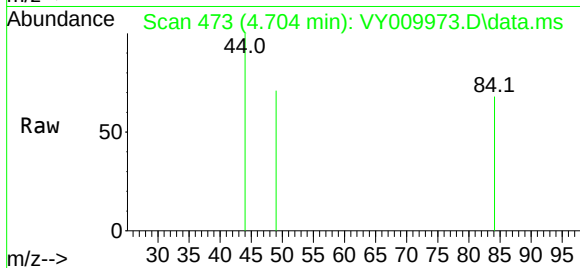
Ion Ratio Lower Upper

84 100

49 56.9 98.2 147.4#

51 0.0 33.4 50.0#

86 0.0 52.3 78.5#



#33

1,2-Dichloroethane-d4

Concen: 75.119 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009973.D

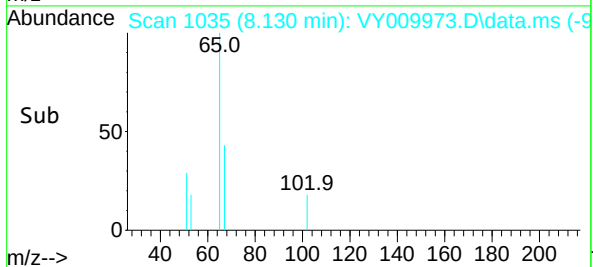
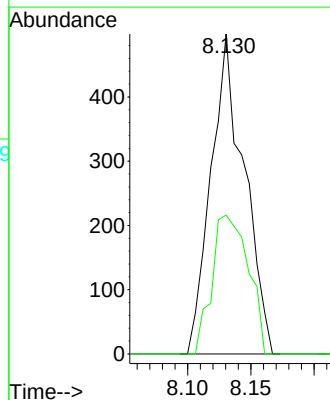
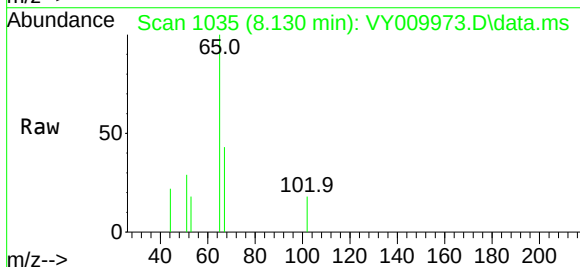
Acq: 11 Aug 2022 18:54

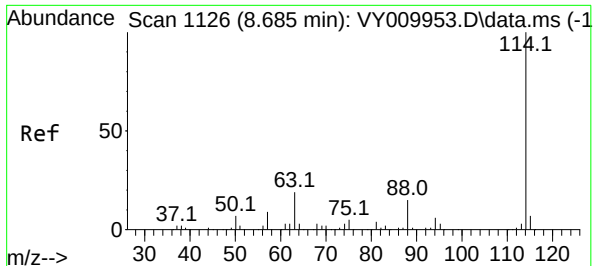
Tgt Ion: 65 Resp: 909

Ion Ratio Lower Upper

65 100

67 47.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-13RE

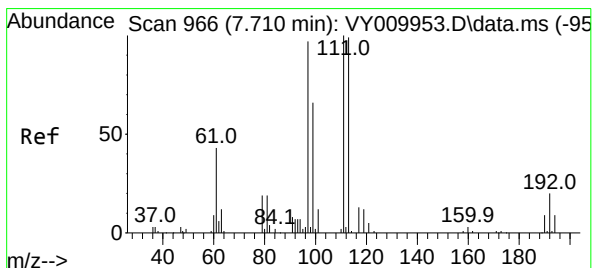
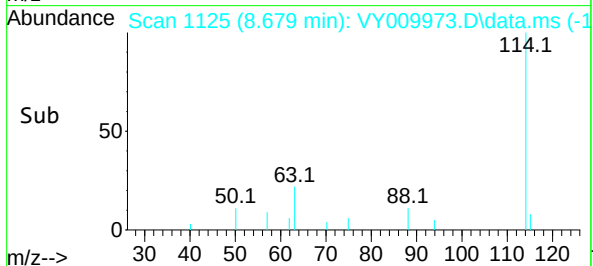
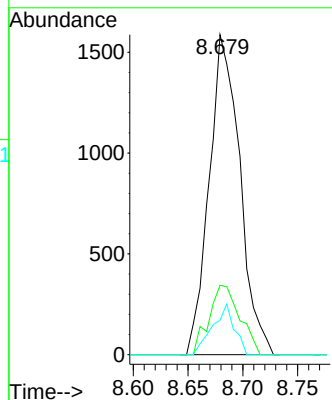
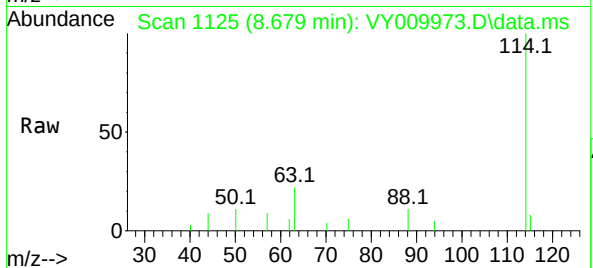
Tgt Ion:114 Resp: 3087

Ion Ratio Lower Upper

114 100

63 21.7 0.0 38.0

88 10.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 12.330 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

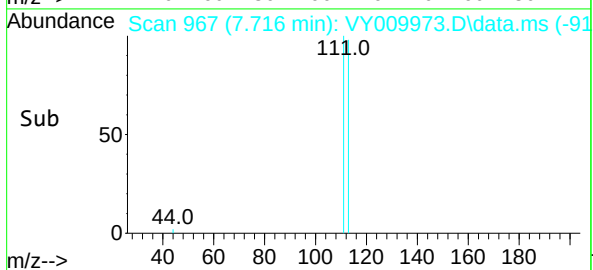
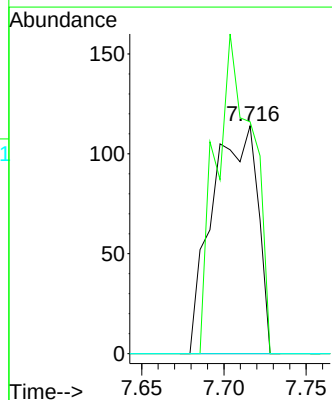
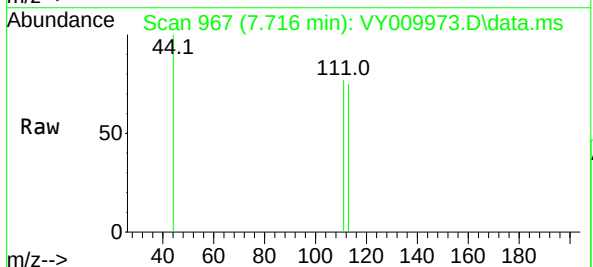
Tgt Ion:113 Resp: 219

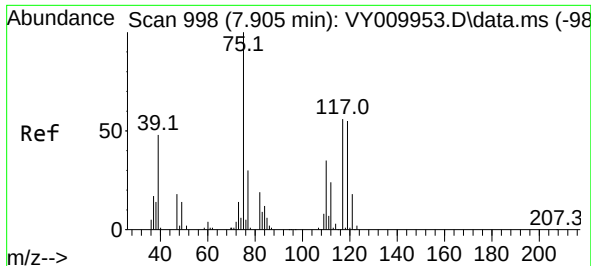
Ion Ratio Lower Upper

113 100

111 114.6 80.6 120.8

192 0.0 16.2 24.4#





#36

1,1-Dichloropropene

Concen: 1.391 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

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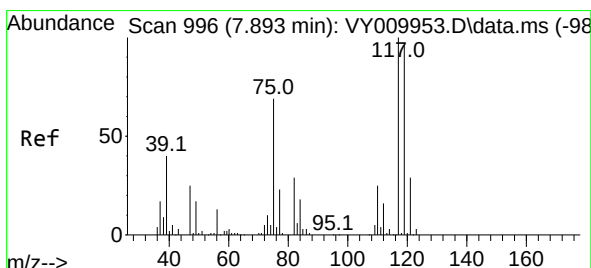
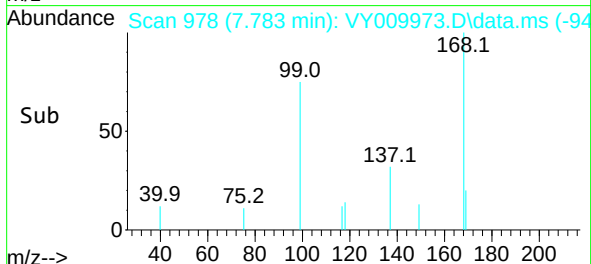
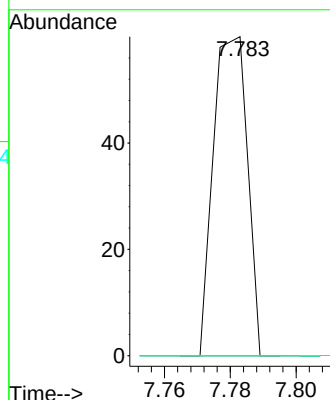
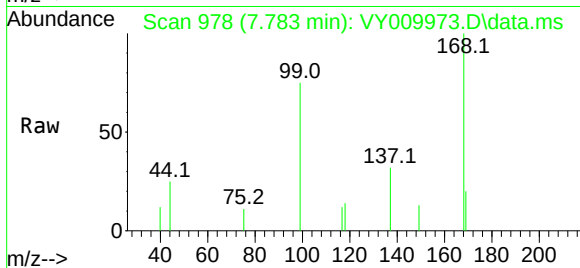
Tgt Ion: 75 Resp: 43

Ion Ratio Lower Upper

75 100

110 0.0 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.322 ug/l

RT: 7.765 min Scan# 975

Delta R.T. -0.128 min

Lab File: VY009973.D

Acq: 11 Aug 2022 18:54

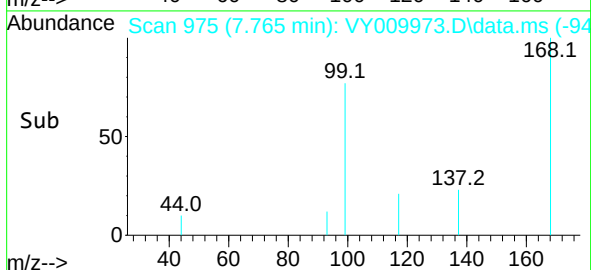
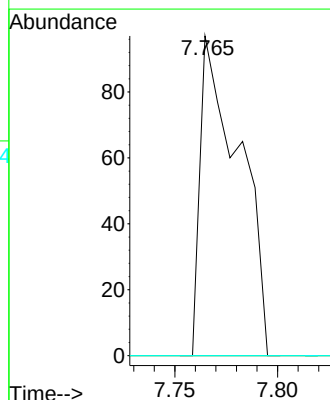
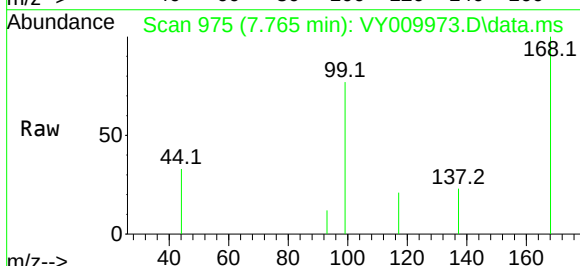
Tgt Ion: 117 Resp: 128

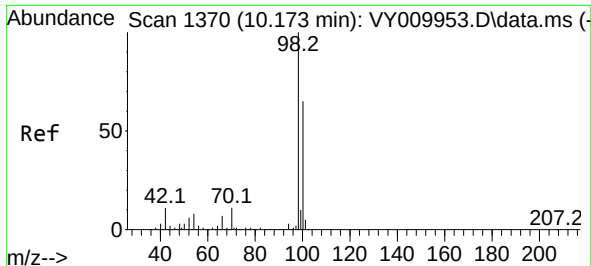
Ion Ratio Lower Upper

117 100

119 0.0 75.9 113.9#

121 0.0 24.9 37.3#

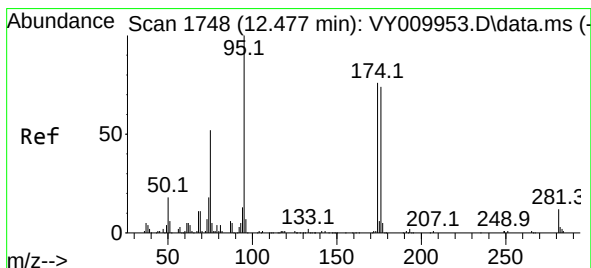
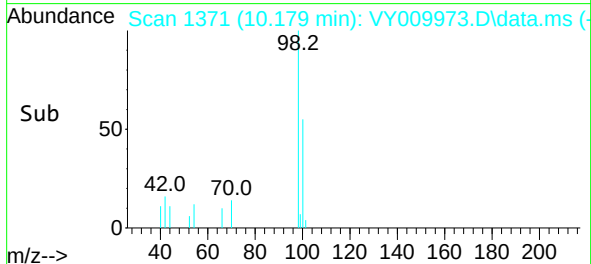
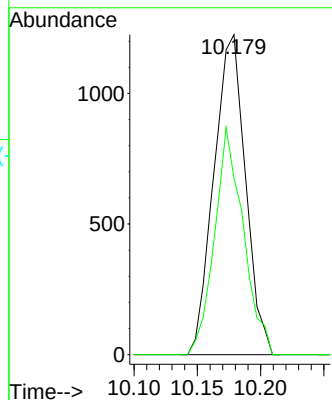
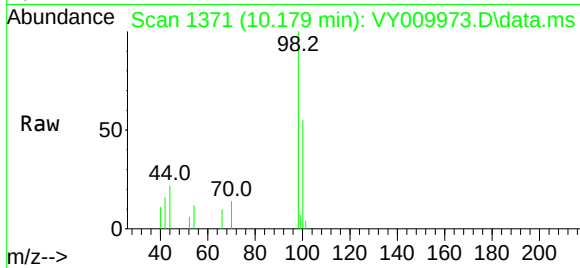




#50
Toluene-d8
Concen: 39.711 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

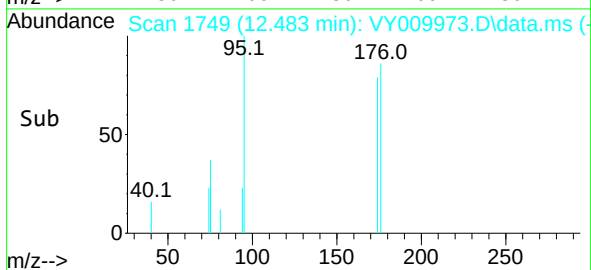
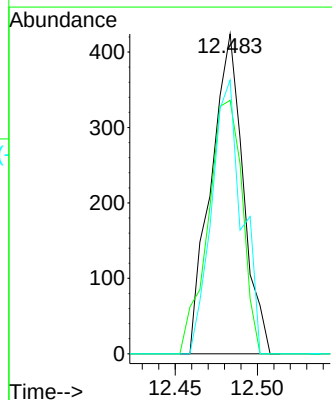
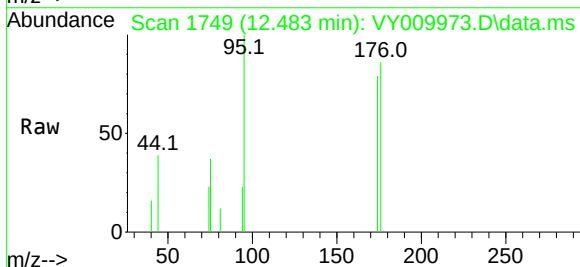
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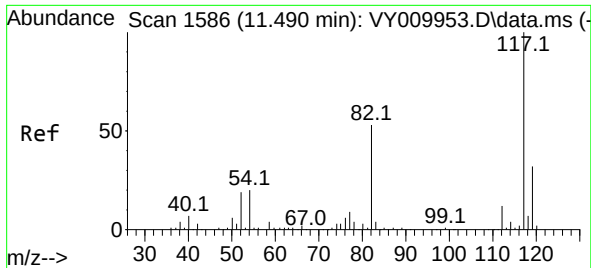
Tgt Ion: 98 Resp: 2127
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 23.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 95 Resp: 577
Ion Ratio Lower Upper
95 100
174 84.4 0.0 173.8
176 80.6 0.0 167.0

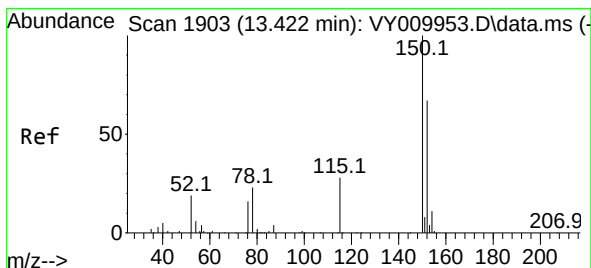
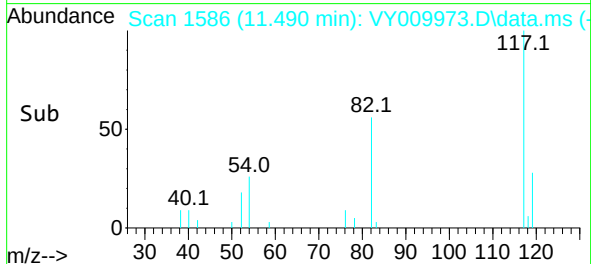
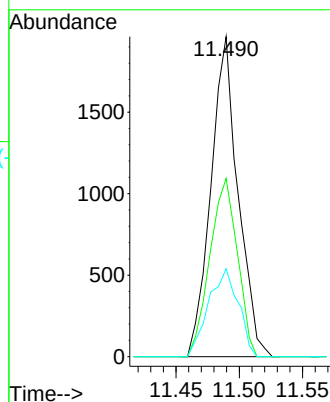
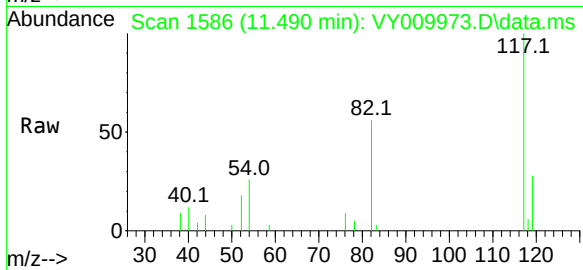




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

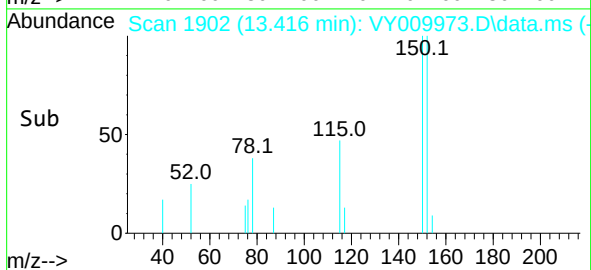
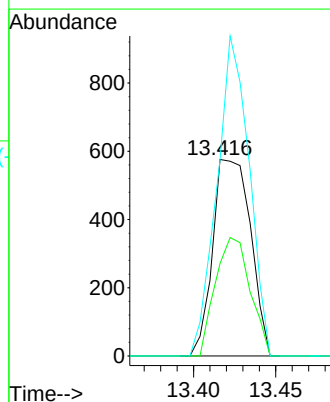
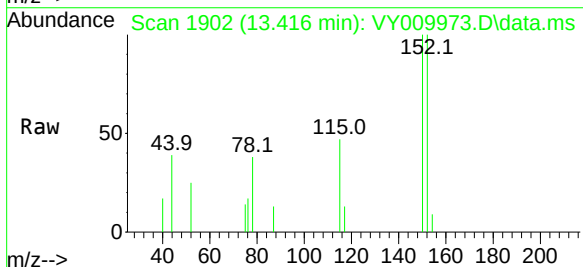
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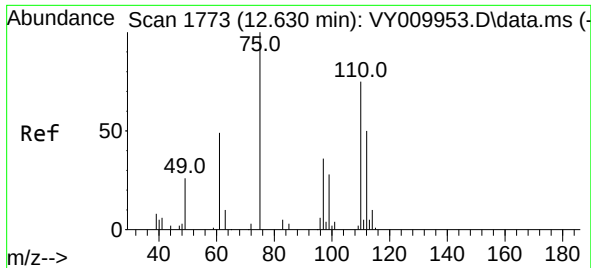
Tgt Ion:117 Resp: 2932
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.6
119 27.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
115 55.3 28.6 85.9
150 138.5 0.0 349.8

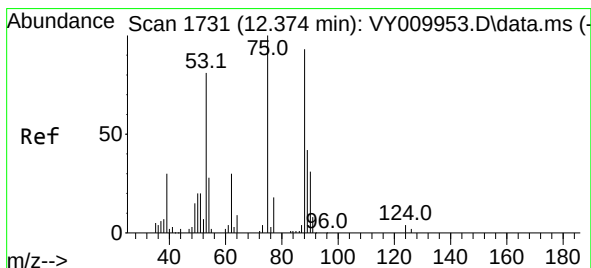
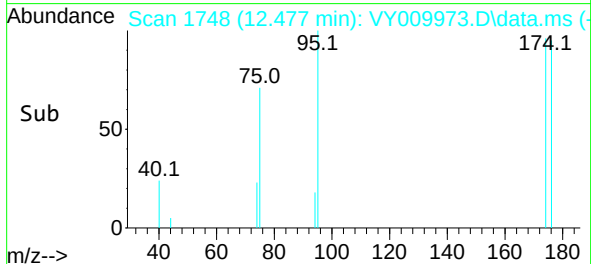
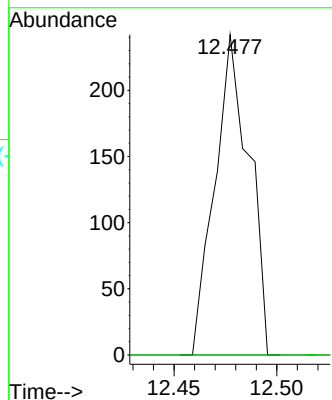
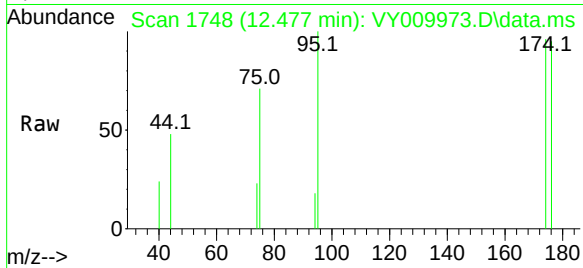




#76
1,2,3-Trichloropropane
Concen: 28.446 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-13RE

Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 55.373 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009973.D
Acq: 11 Aug 2022 18:54

Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

