

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014950.D
 Acq On : 03 Aug 2023 15:52
 Operator : SY/MD
 Sample : 03877-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3RE

Quant Time: Aug 04 04:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

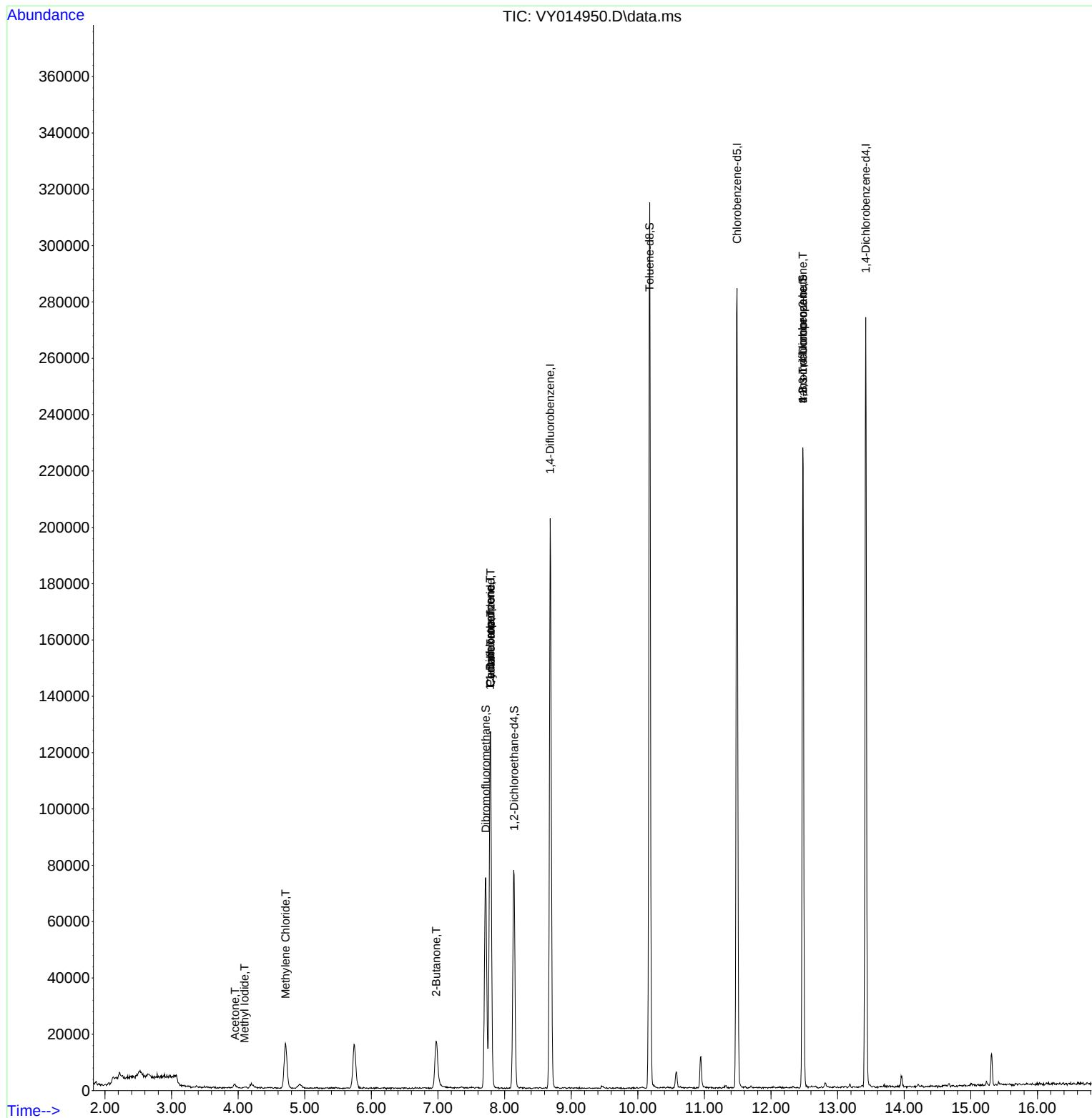
Internal Standards						
1) Pentafluorobenzene	7.789	168	98564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	170141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60971	54.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.716	113	52810	48.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.520%	
50) Toluene-d8	10.179	98	202737	50.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.477	95	69070	45.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.220%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	477	2.782	ug/l #	77
11) Tert butyl alcohol	4.936	59	1667	Below Cal	#	89
16) Acetone	3.954	43	2277	6.397	ug/l	97
20) Methylene Chloride	4.710	84	12479	7.176	ug/l	88
25) 2-Butanone	6.972	43	1194	2.293	ug/l #	49
31) Cyclohexane	7.789	56	2217	1.189	ug/l #	18
36) 1,1-Dichloropropene	7.783	75	7607	4.697	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9692	5.661	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37668	42.308	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37668	81.915	ug/l #	11

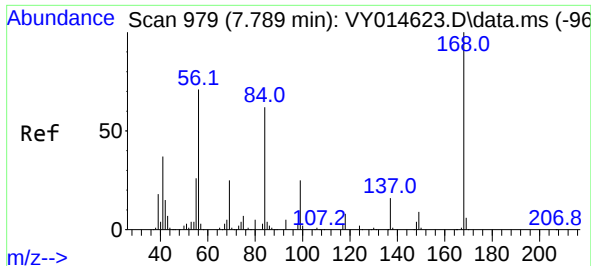
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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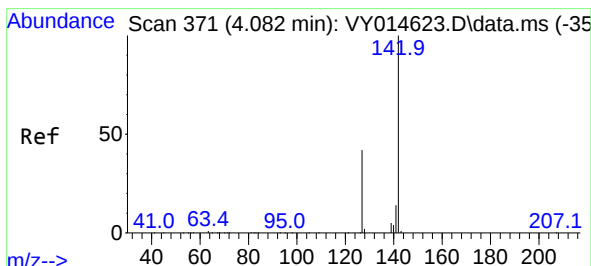
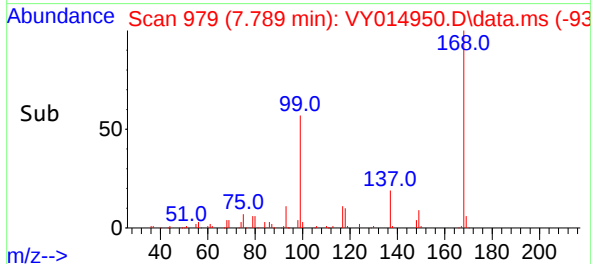
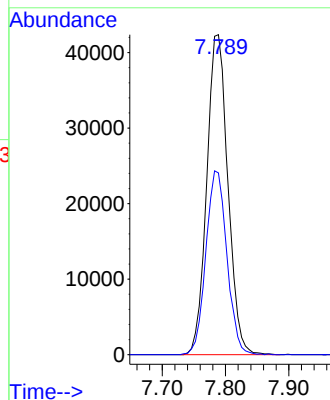
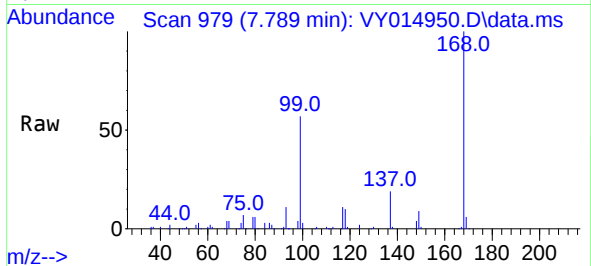




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

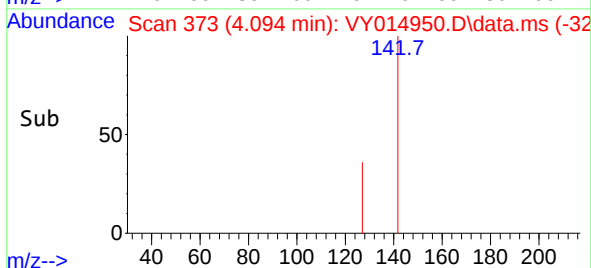
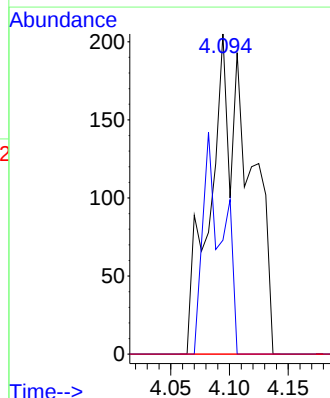
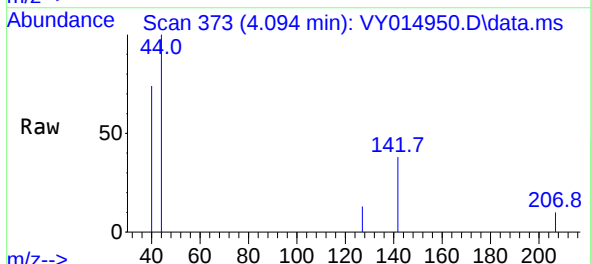
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

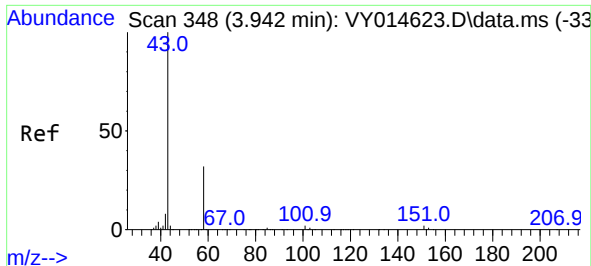
Tgt Ion:168 Resp: 98564
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.782 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion:142 Resp: 477
Ion Ratio Lower Upper
142 100
127 34.6 37.6 56.4#
141 0.0 11.8 17.8#

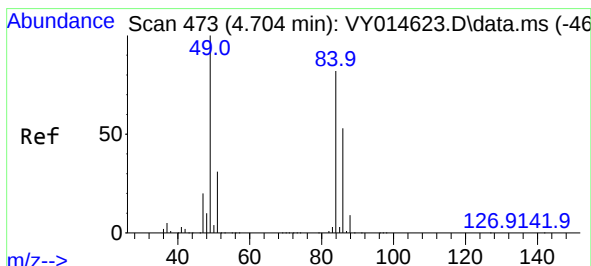
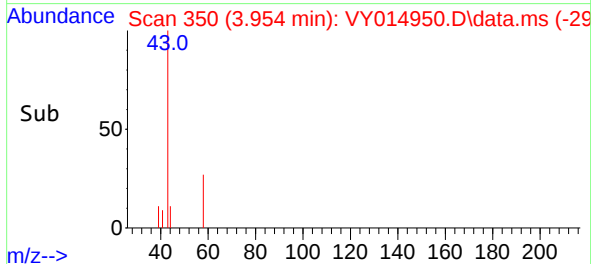
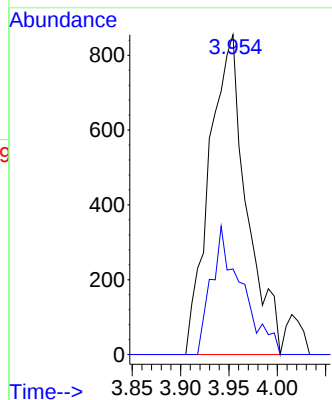
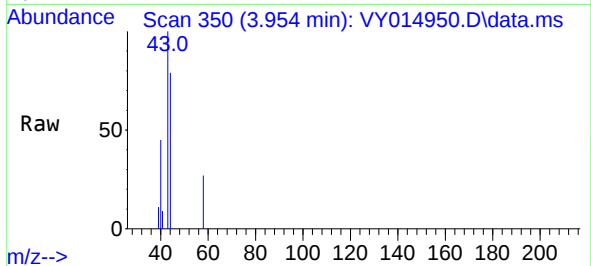




#16
Acetone
Concen: 6.397 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

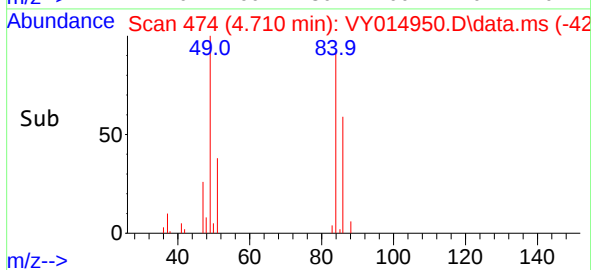
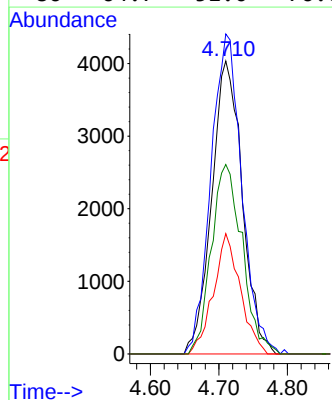
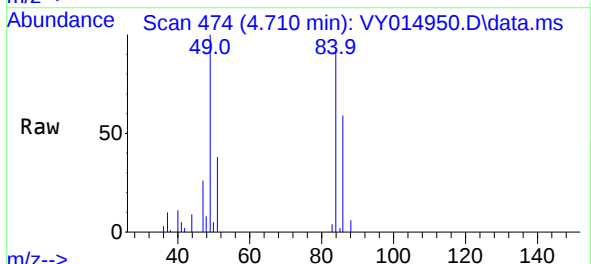
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

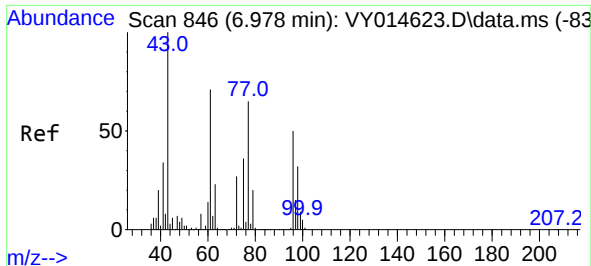
Tgt Ion: 43 Resp: 2277
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1



#20
Methylene Chloride
Concen: 7.176 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 84 Resp: 12479
Ion Ratio Lower Upper
84 100
49 109.2 106.9 160.3
51 41.1 33.2 49.8
86 64.7 51.0 76.6





#25

2-Butanone

Concen: 2.293 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

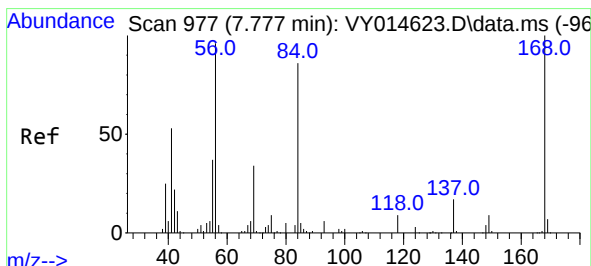
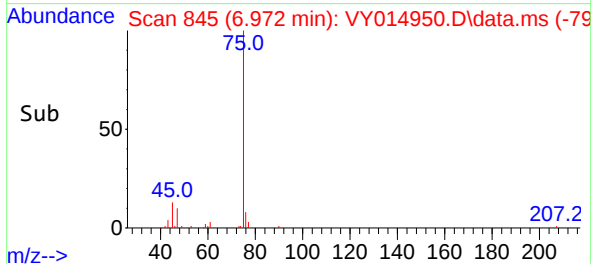
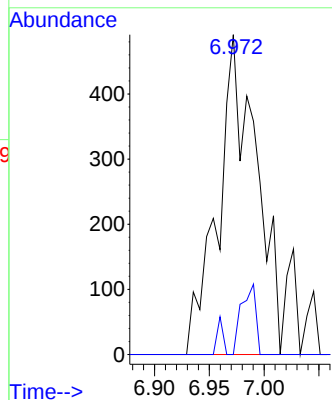
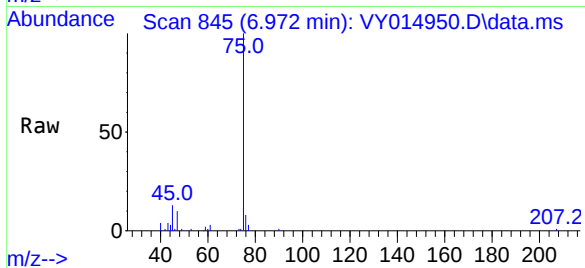
COMP-3RE

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.012 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

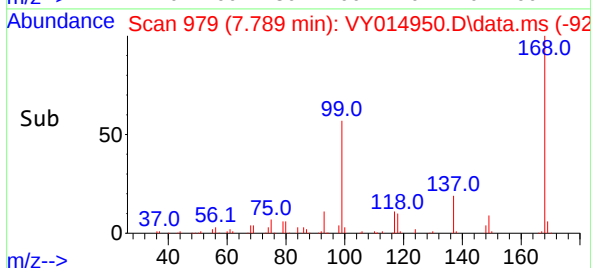
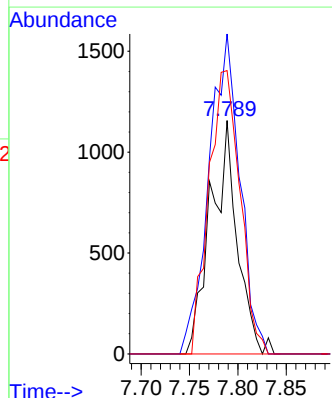
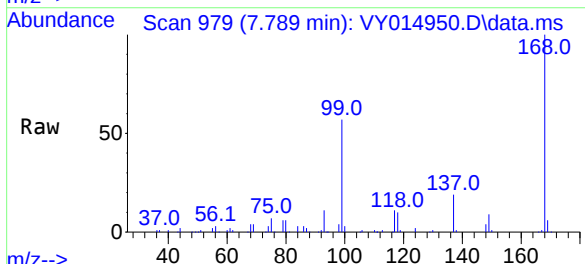
Tgt Ion: 56 Resp: 2217

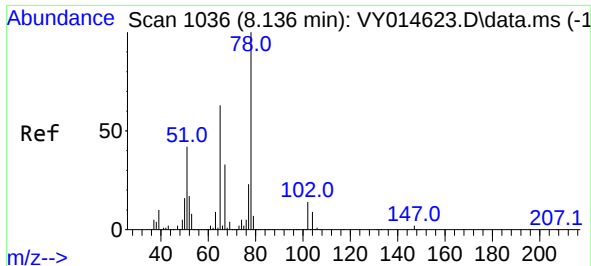
Ion Ratio Lower Upper

56 100

69 137.1 27.8 41.6#

84 121.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.284 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

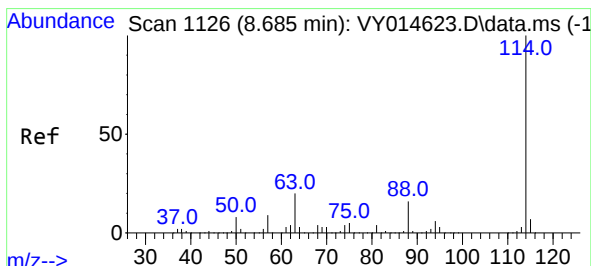
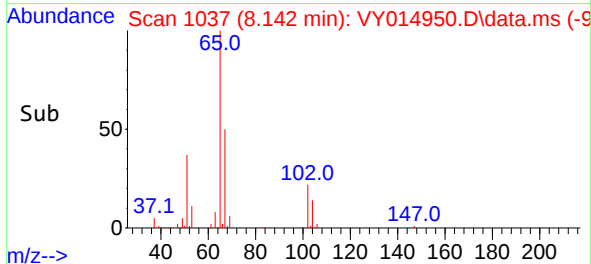
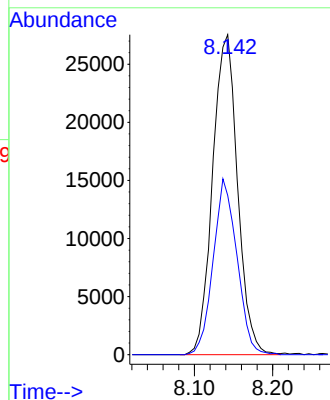
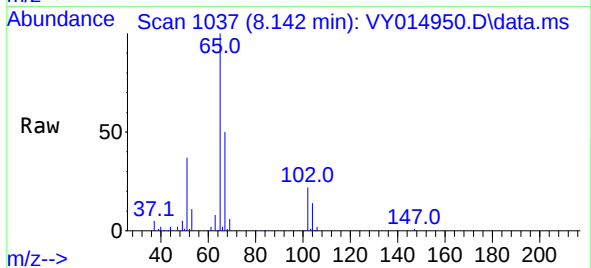
COMP-3RE

Tgt Ion: 65 Resp: 60971

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014950.D

Acq: 03 Aug 2023 15:52

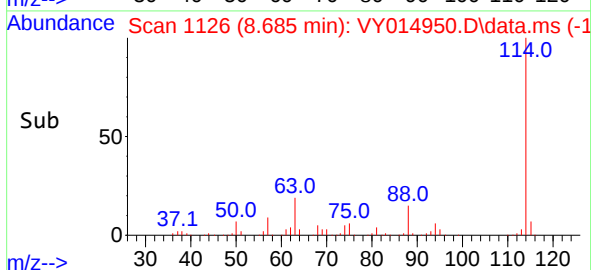
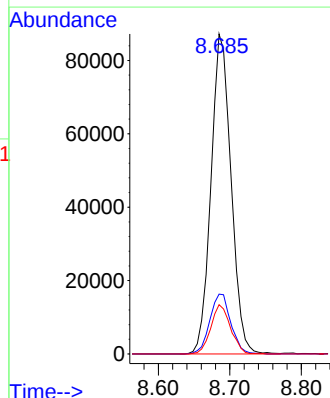
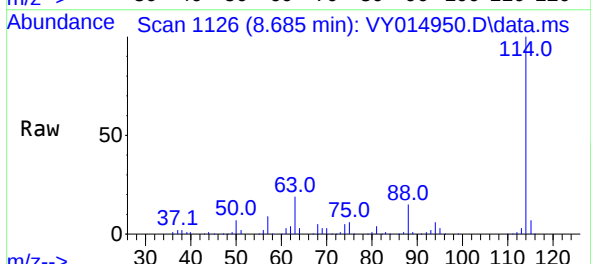
Tgt Ion: 114 Resp: 170141

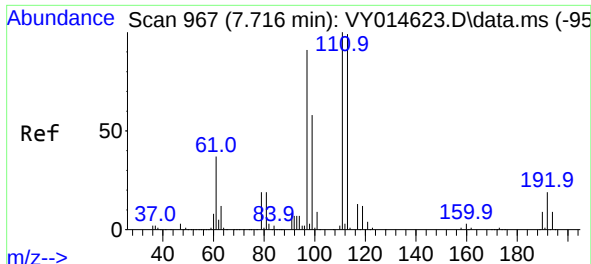
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6

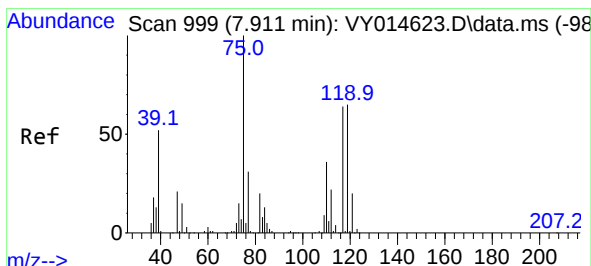
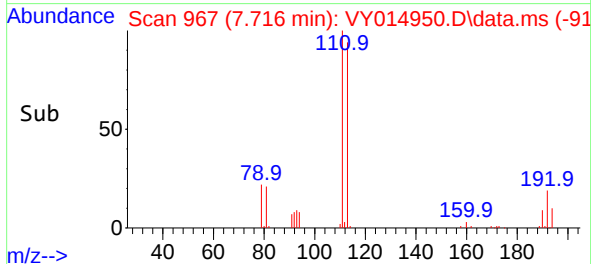
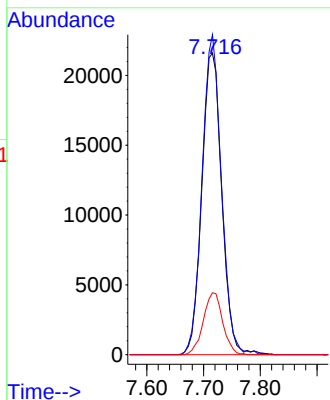
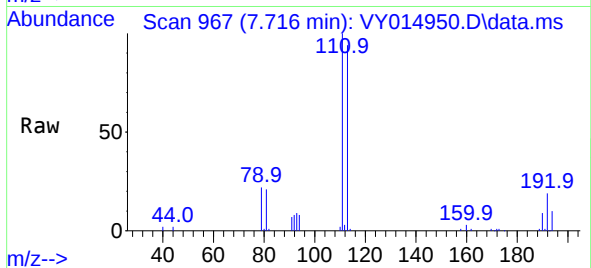




#35
Dibromofluoromethane
Concen: 48.759 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

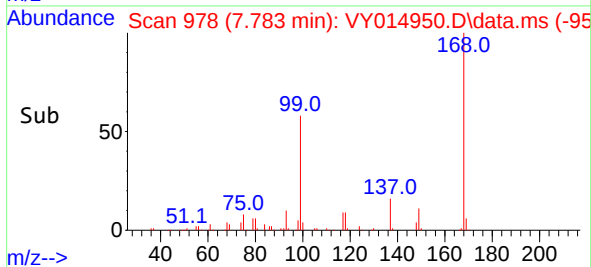
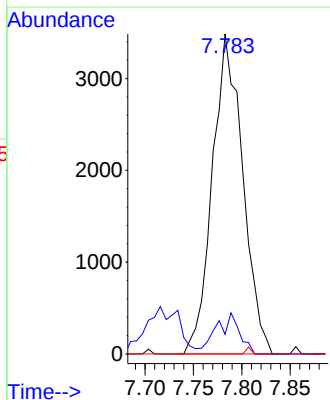
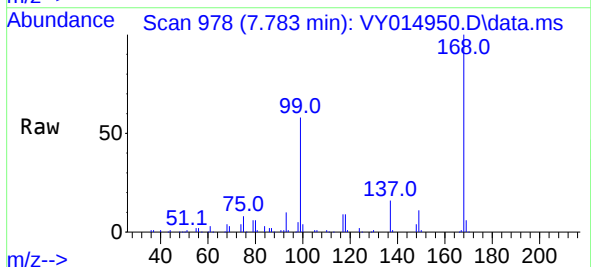
Instrument :
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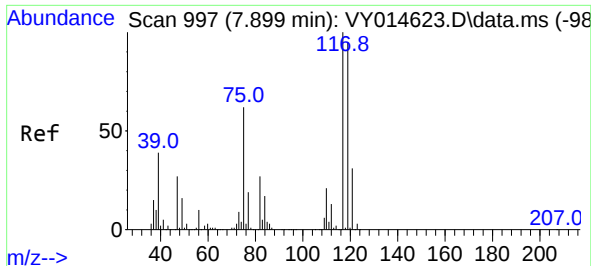
Tgt Ion:113 Resp: 52810
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 75 Resp: 7607
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#

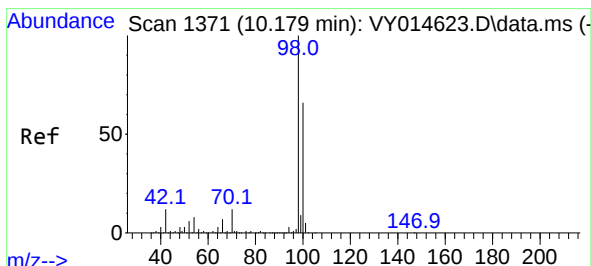
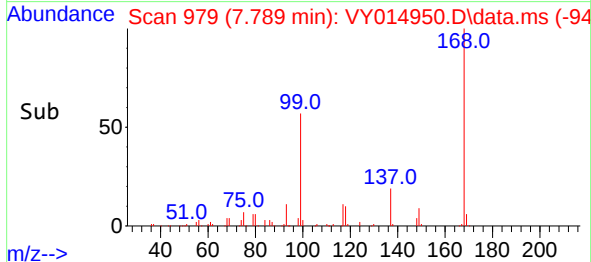
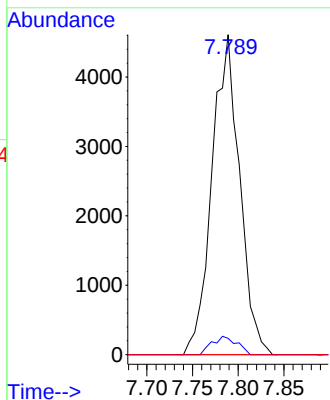
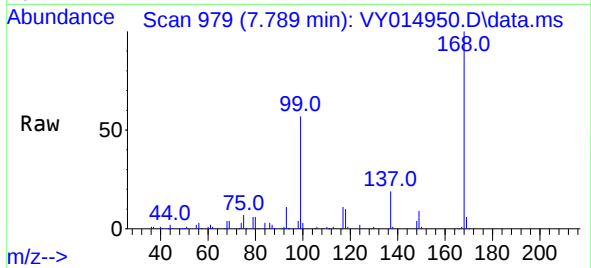




#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

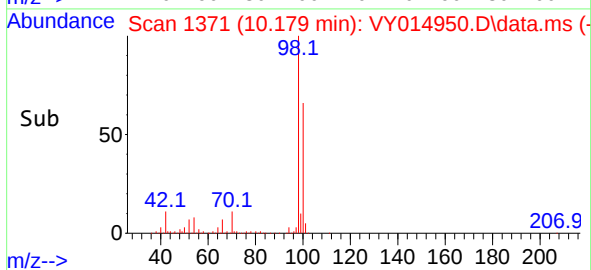
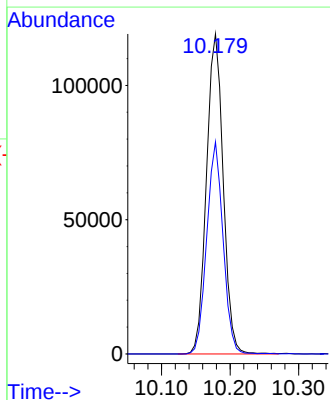
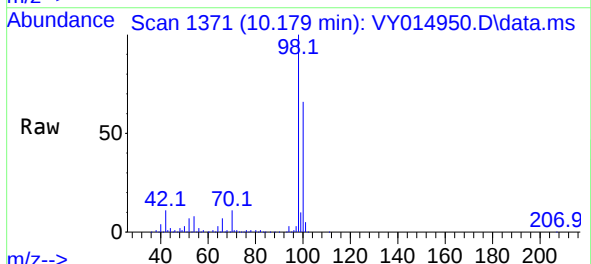
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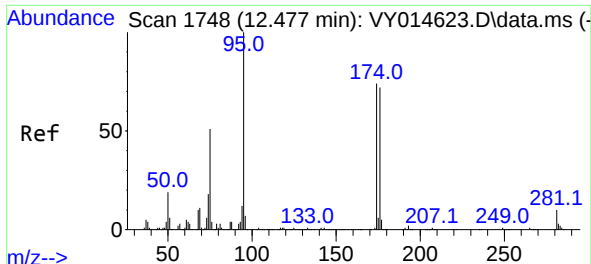
Tgt Ion:117 Resp: 9692
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Tgt Ion: 98 Resp: 202737
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

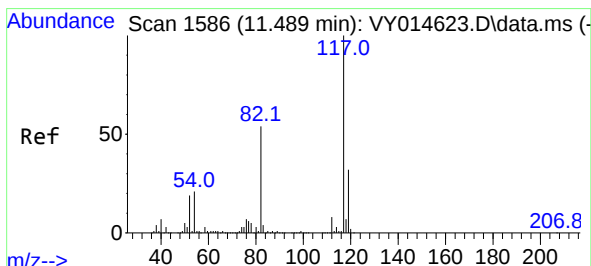
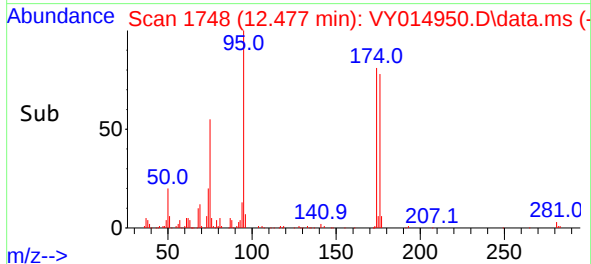
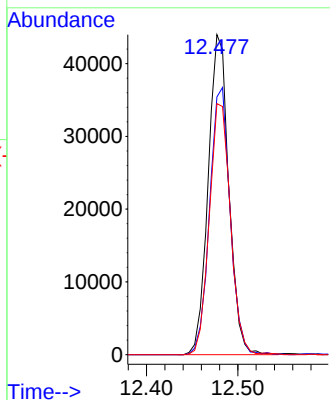
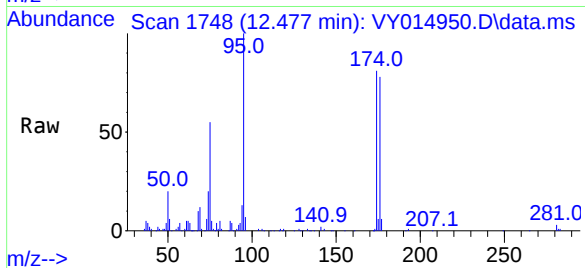




#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

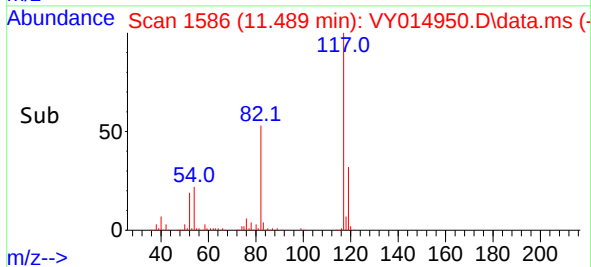
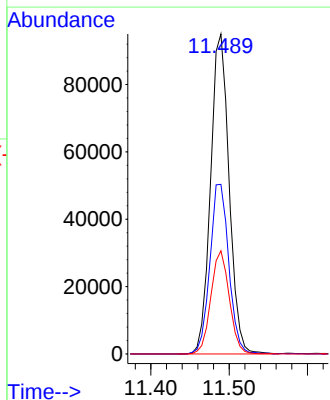
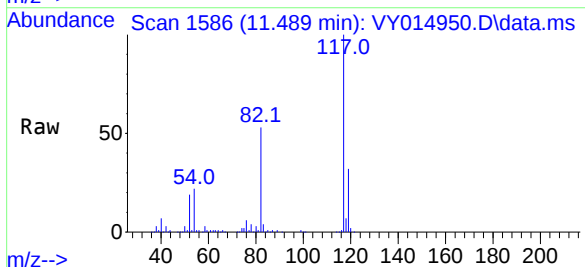
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

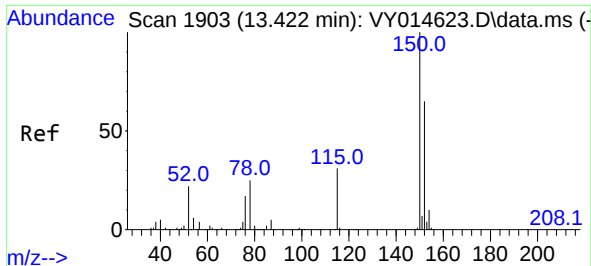
Tgt Ion: 95 Resp: 69070
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

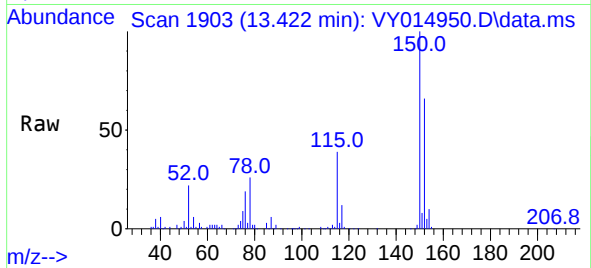
Tgt Ion: 117 Resp: 156156
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.2 26.3 39.5



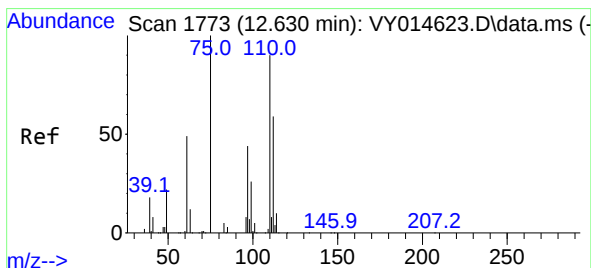
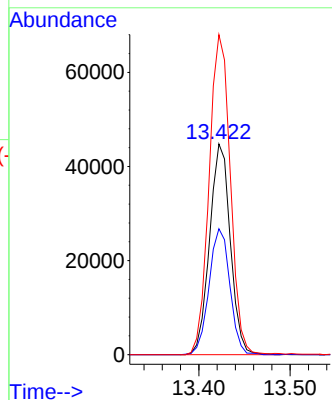
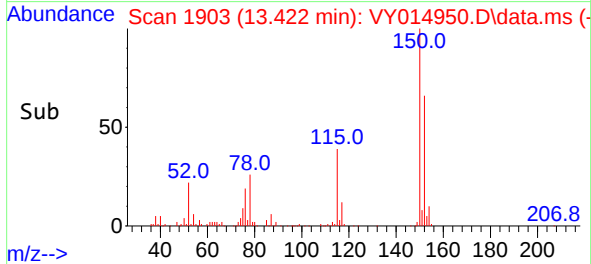


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3RE

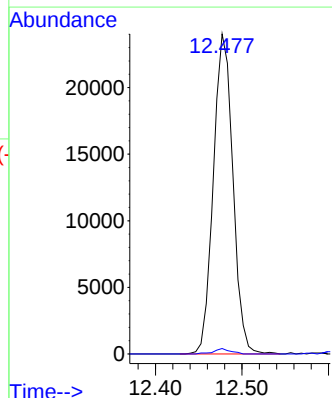
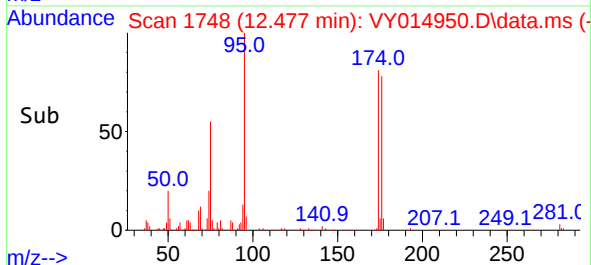
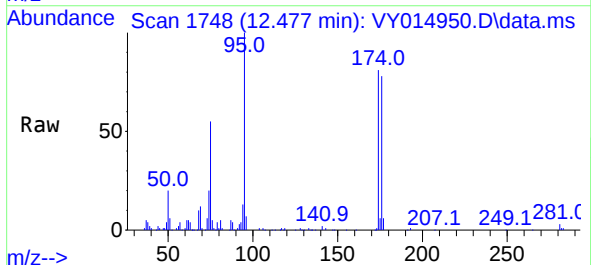


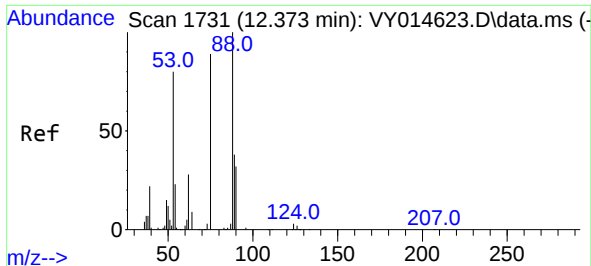
Tgt Ion:152 Resp: 70495
Ion Ratio Lower Upper
152 100
115 60.0 28.8 86.5
150 155.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 42.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014950.D
Acq: 03 Aug 2023 15:52

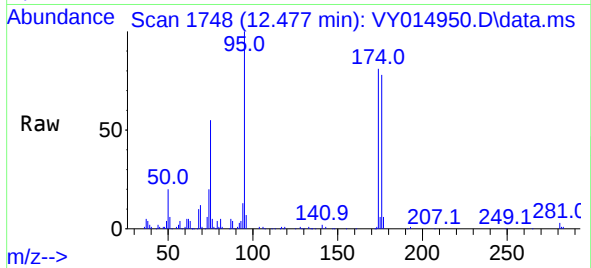
Tgt Ion: 75 Resp: 37668
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.915 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014950.D
 Acq: 03 Aug 2023 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3RE



Tgt Ion: 75 Resp: 37668
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

