

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034612.D
 Acq On : 14 Mar 2024 18:38
 Operator : SY/MD
 Sample : P1752-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL14

Quant Time: Mar 15 03:39:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

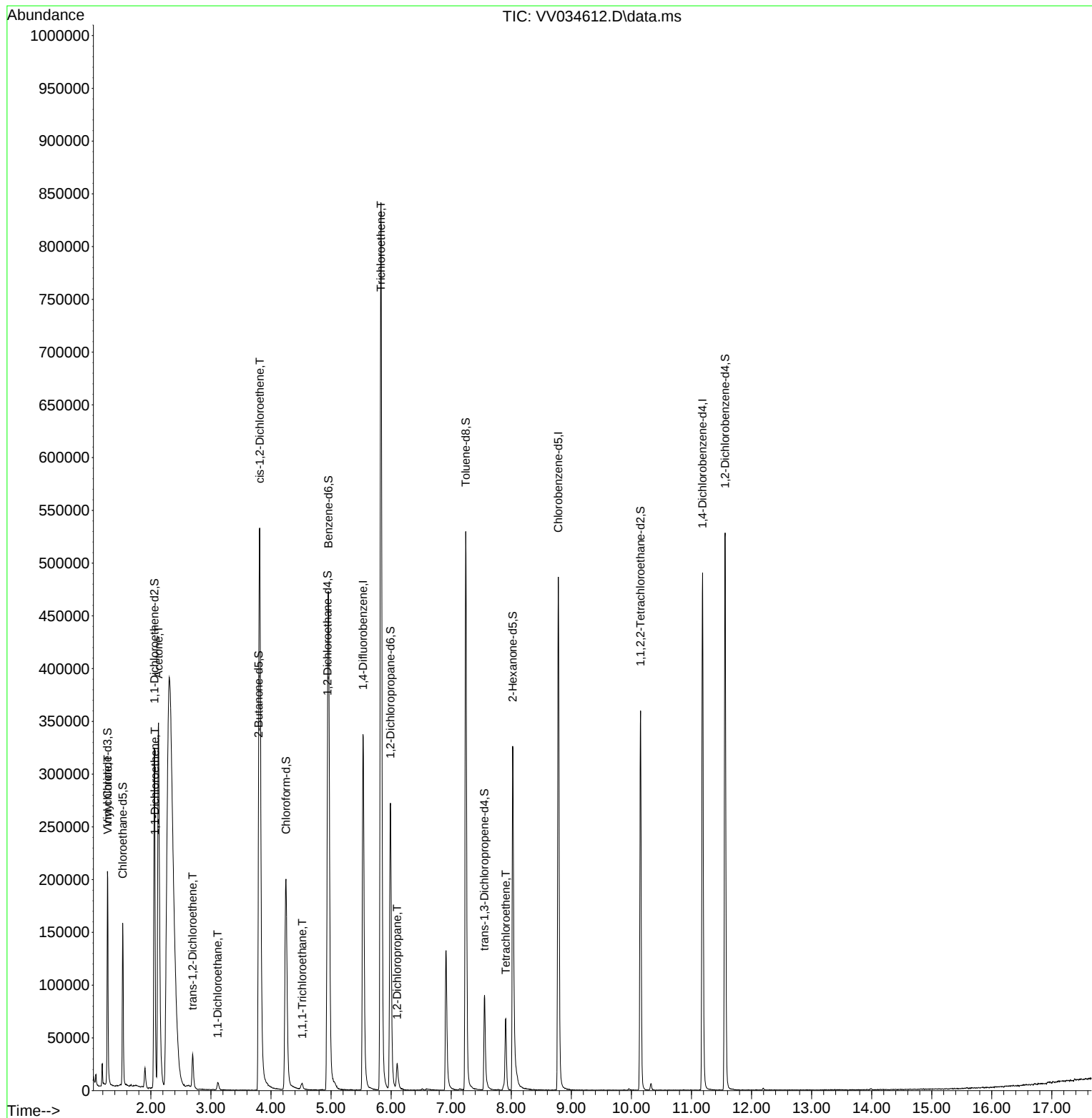
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289733	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	127511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	110641	44.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.100%		
7) Chloroethane-d5	1.532	69	93794	47.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.860%		
11) 1,1-Dichloroethene-d2	2.060	65	51932	45.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.440%		
21) 2-Butanone-d5	3.793	46	173711	103.420	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.420%		
24) Chloroform-d	4.249	84	215609	48.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.100%		
26) 1,2-Dichloroethane-d4	4.941	65	142722	49.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.360%		
32) Benzene-d6	4.957	84	414124	51.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.880%		
36) 1,2-Dichloropropane-d6	5.989	67	131300	53.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.920%		
41) Toluene-d8	7.243	98	350012	48.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.020%		
43) trans-1,3-Dichloroprop...	7.555	79	54672	44.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.480%		
47) 2-Hexanone-d5	8.024	63	116632	95.985	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.980%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	164199	51.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152	131569	50.480	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.960%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	19170	6.613	ug/L	91
12) 1,1-Dichloroethene	2.069	96	10865	5.008	ug/L #	1
13) Acetone	2.127	43	510558	252.849	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	11303	5.383	ug/L	94
19) 1,1-Dichloroethane	3.114	63	7784	1.892	ug/L	94
20) cis-1,2-Dichloroethene	3.812	96	258524	113.470	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	4508	1.190	ug/L #	92
34) Trichloroethene	5.831	95	293145	125.756	ug/L	96
37) 1,2-Dichloropropane	6.098	63	10319	4.806	ug/L #	94
46) Tetrachloroethene	7.908	164	15223	8.781	ug/L	95

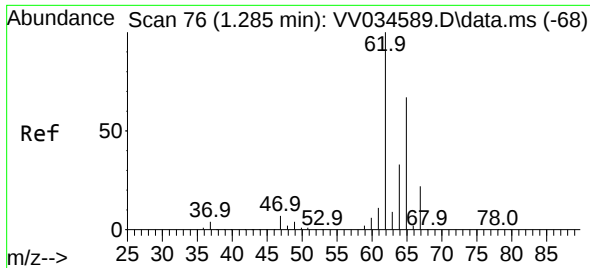
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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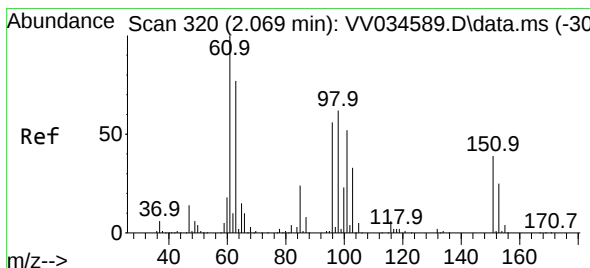
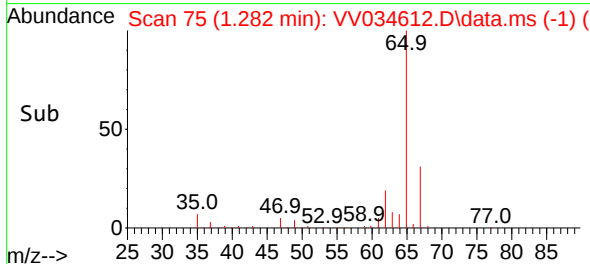
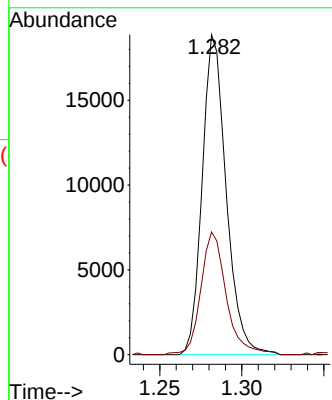
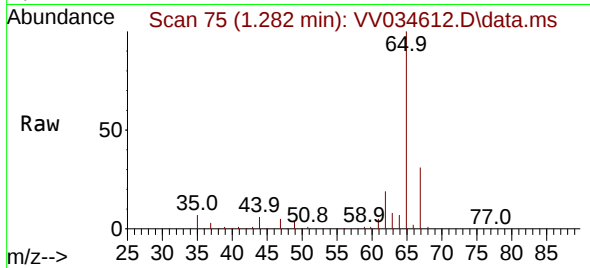




#5
 Vinyl chloride
 Concen: 6.613 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034612.D
 Acq: 14 Mar 2024 18:38

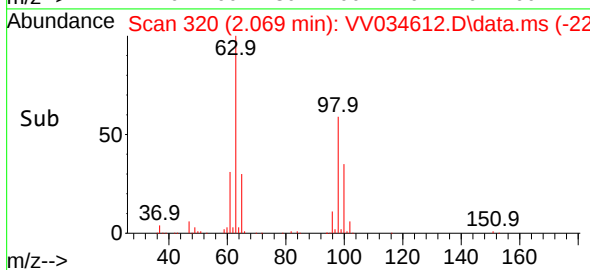
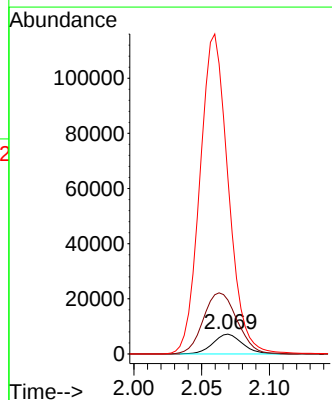
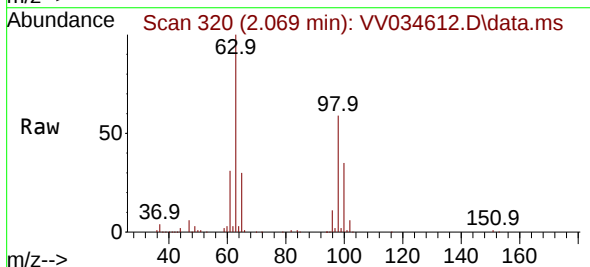
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL14

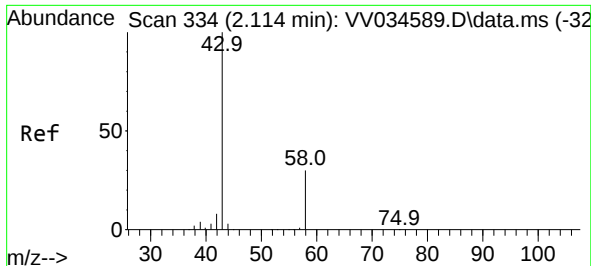
Tgt Ion: 62 Resp: 19170
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 5.008 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034612.D
 Acq: 14 Mar 2024 18:38

Tgt Ion: 96 Resp: 10865
 Ion Ratio Lower Upper
 96 100
 61 271.5 128.9 239.3#
 63 888.4 98.0 182.0#





#13

Acetone

Concen: 252.849 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

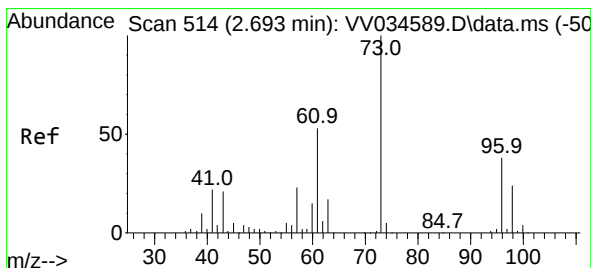
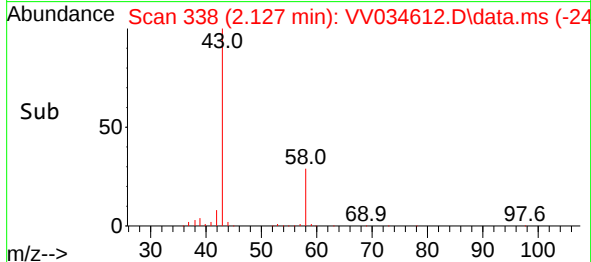
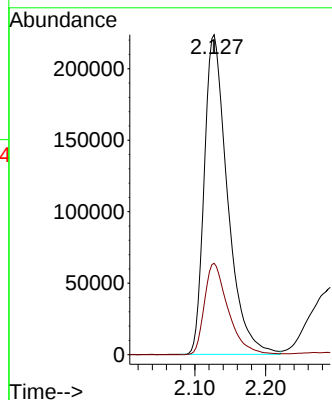
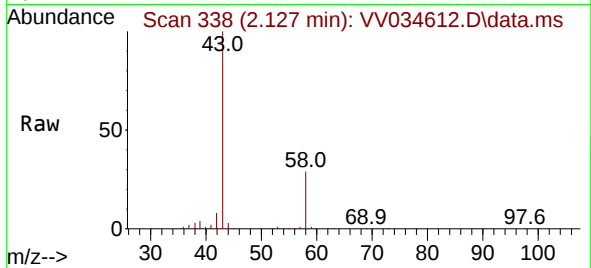
YCL14

Tgt Ion: 43 Resp: 510558

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#17

trans-1,2-Dichloroethene

Concen: 5.383 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

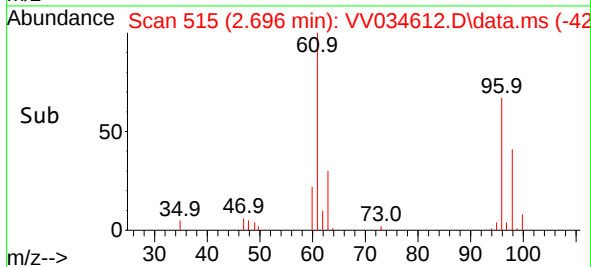
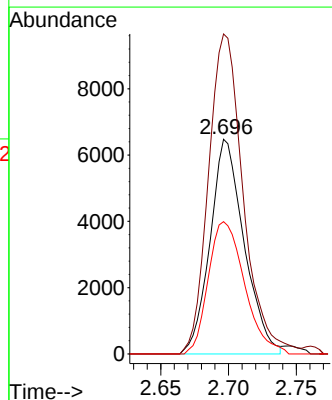
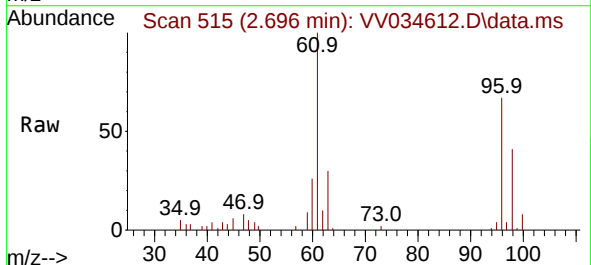
Tgt Ion: 96 Resp: 11303

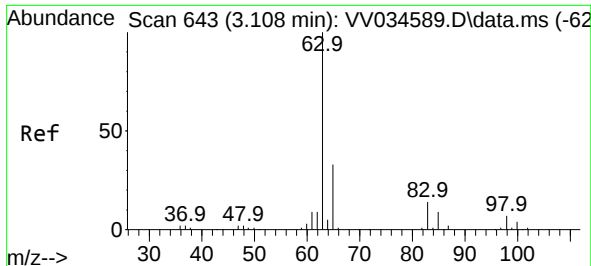
Ion Ratio Lower Upper

96 100

61 149.1 98.8 183.4

98 61.7 46.1 85.5





#19

1,1-Dichloroethane

Concen: 1.892 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

YCL14

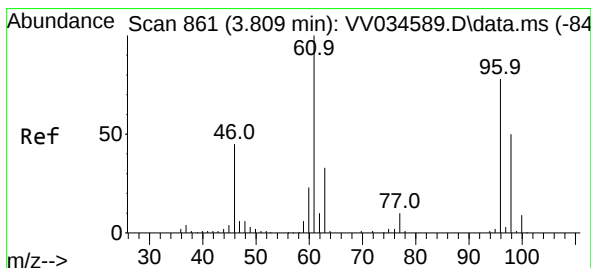
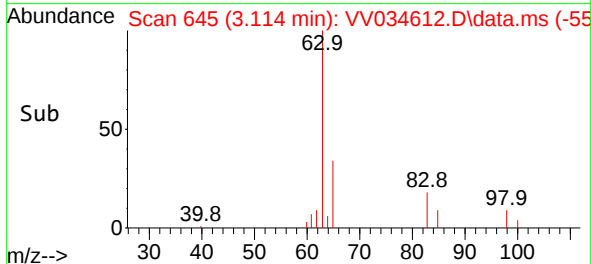
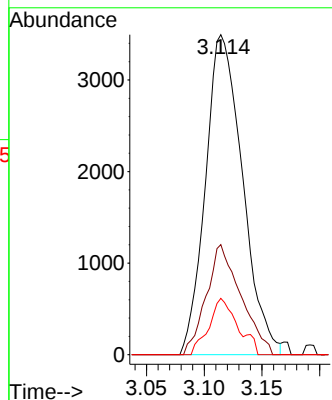
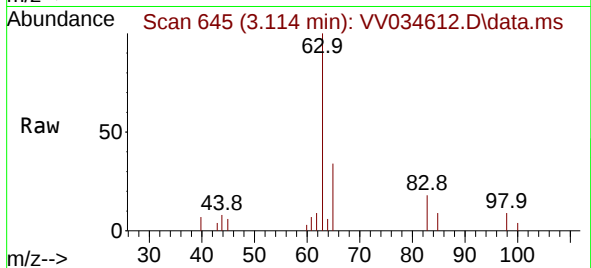
Tgt Ion: 63 Resp: 7784

Ion Ratio Lower Upper

63 100

65 34.4 22.1 41.1

83 17.6 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 113.470 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

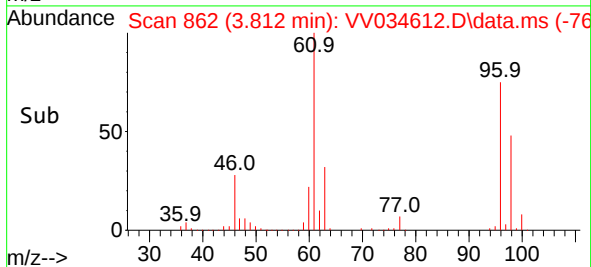
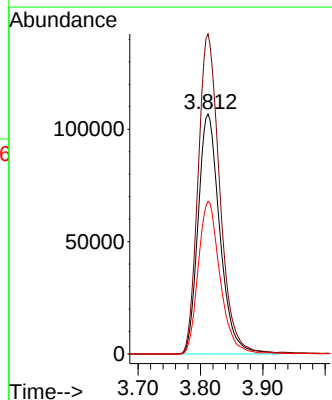
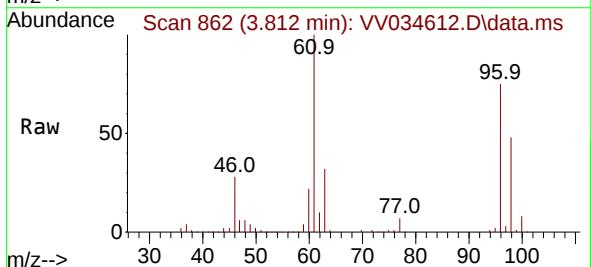
Tgt Ion: 96 Resp: 258524

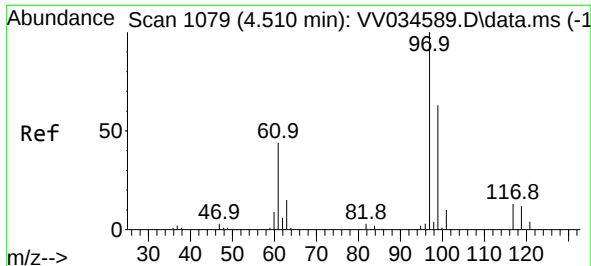
Ion Ratio Lower Upper

96 100

61 133.5 96.0 178.4

98 63.7 46.0 85.4





#30

1,1,1-Trichloroethane

Concen: 1.190 ug/L

RT: 4.519 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

Instrument :

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ClientSampleId :

YCL14

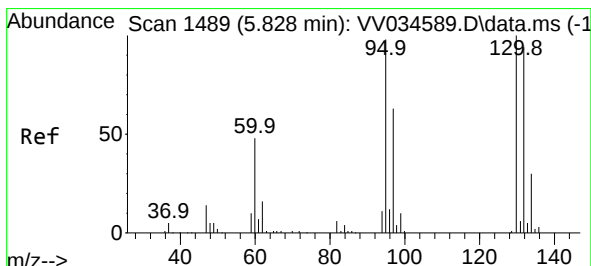
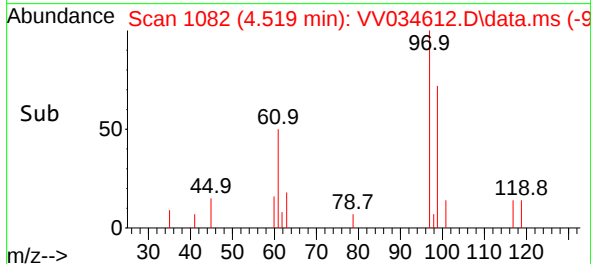
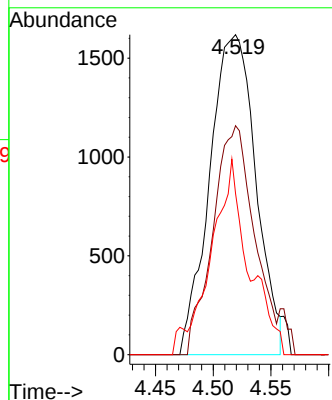
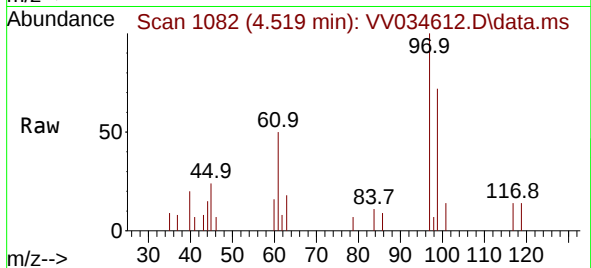
Tgt Ion: 97 Resp: 4508

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 32.3 36.0 54.0#



#34

Trichloroethene

Concen: 125.756 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

Tgt Ion: 95 Resp: 293145

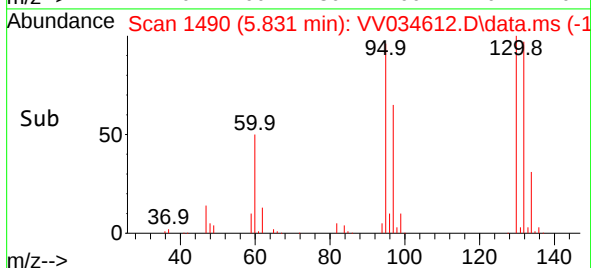
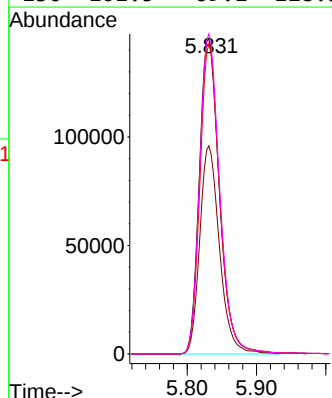
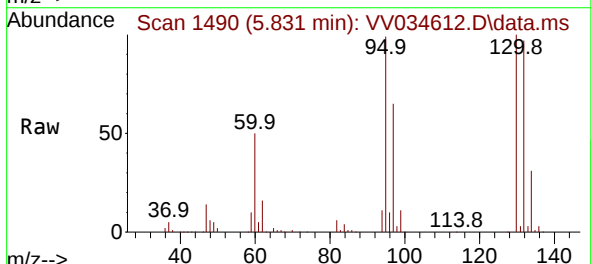
Ion Ratio Lower Upper

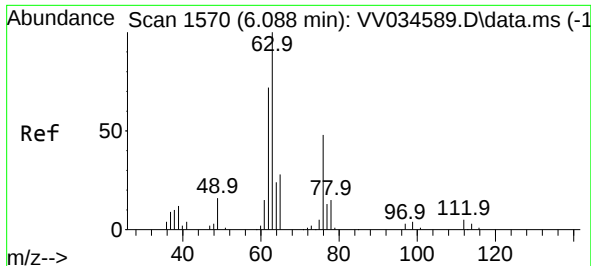
95 100

97 66.0 44.7 83.1

132 98.2 65.3 121.3

130 101.5 69.1 128.3





#37

1,2-Dichloropropane

Concen: 4.806 ug/L

RT: 6.098 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV034612.D

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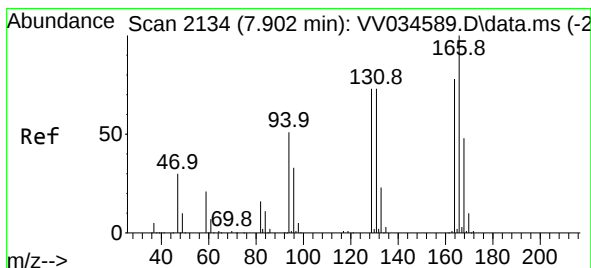
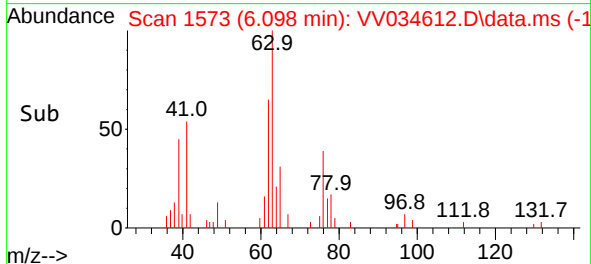
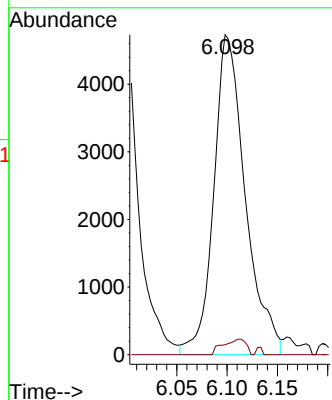
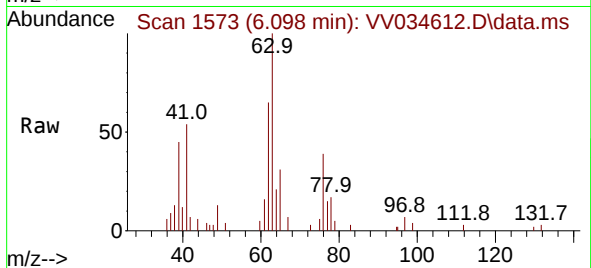
YCL14

Tgt Ion: 63 Resp: 10319

Ion Ratio Lower Upper

63 100

112 2.5 3.5 5.3#



#46

Tetrachloroethene

Concen: 8.781 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.007 min

Lab File: VV034612.D

Acq: 14 Mar 2024 18:38

Tgt Ion:164 Resp: 15223

Ion Ratio Lower Upper

164 100

129 89.9 65.7 121.9

131 83.1 62.2 115.6

166 123.1 89.7 166.7

