

Data File : VV008978.D
Acq On : 17 Dec 2018 14:29
Operator : SY/MD
Sample : J6369-05DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL61DL

Quant Time: Dec 18 01:50:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61513	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.34%
7) Chloroethane-d5	1.57	69	50007	63.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.04%
11) 1,1-Dichloroethene-d2	2.13	63	123163	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
21) 2-Butanone-d5	3.93	46	94983	113.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.71%
24) Chloroform-d	4.41	84	130311	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.08	65	85357	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.10	84	272868	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.12	67	82109	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.40%
41) Toluene-d8	7.36	98	250370	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%
43) trans-1,3-Dichloropropene-	7.67	79	40951	50.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.70%
47) 2-Hexanone-d5	8.13	63	63282	106.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.63%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97579	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	89663	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%

Target Compounds

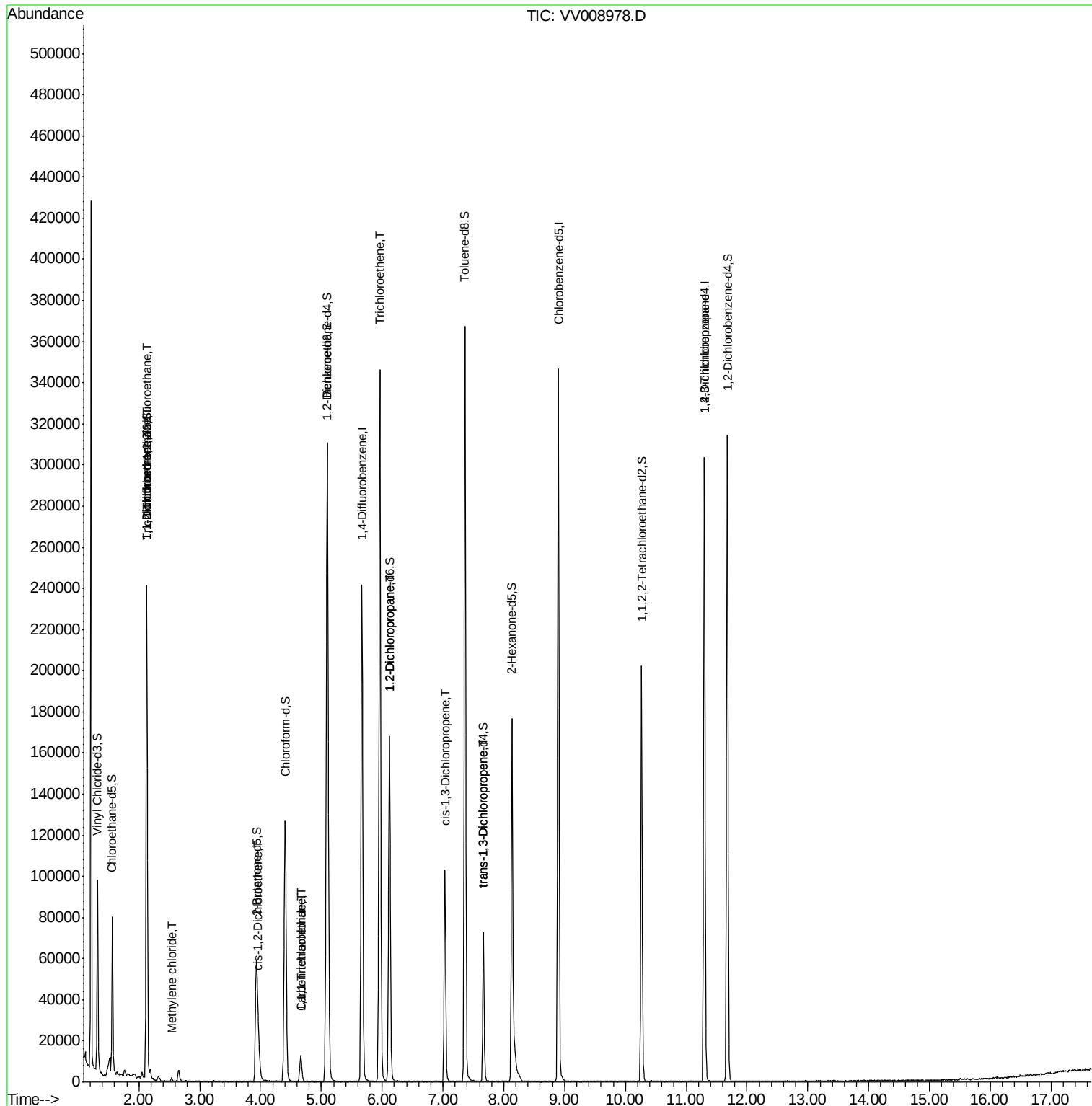
						Qvalue
9) Trichlorofluoromethane	2.13	101	1087	0.455	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1087	0.743	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	7879	5.923	ug/L #	1
16) Methylene chloride	2.54	84	736	0.497	ug/L #	73
20) cis-1,2-Dichloroethene	3.97	96	8062	5.221	ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	10274	4.234	ug/L	96
31) Carbon tetrachloride	4.67	117	1416	0.646	ug/L #	59
34) Trichloroethene	5.96	95	118755	75.364	ug/L	98
37) 1,2-Dichloropropane	6.12	63	9440	6.689	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2243	0.997	ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	1702	0.811	ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	9278	5.221	ug/L	89

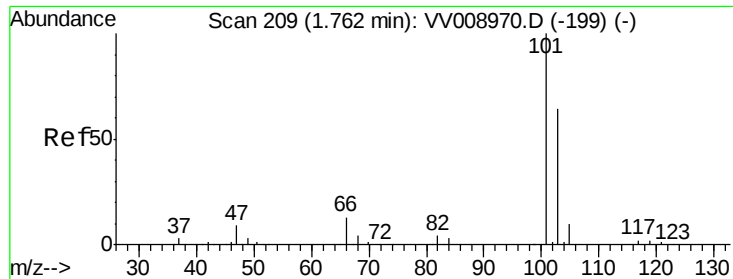
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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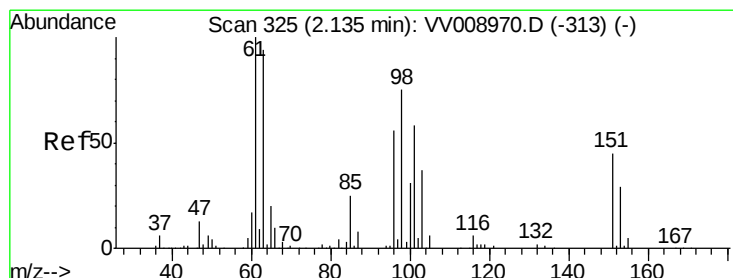
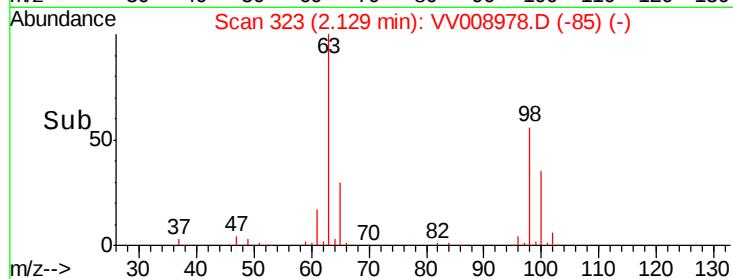
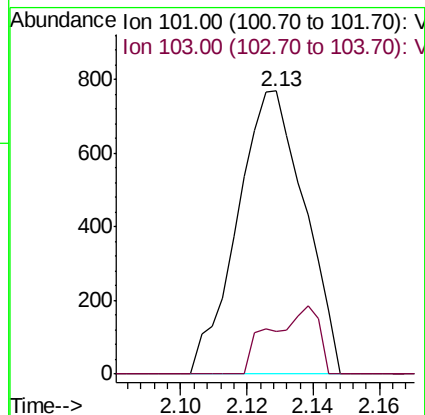
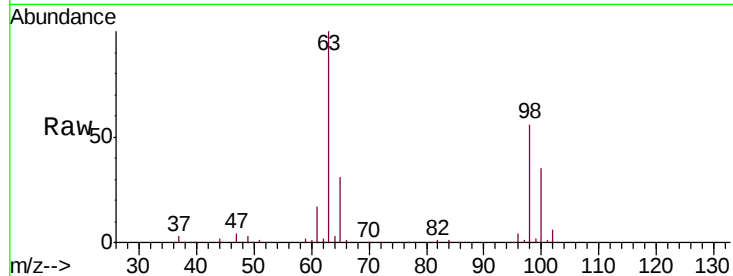


#9

Trichlorofluoromethane
 Concen: 0.455 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 COL61DL

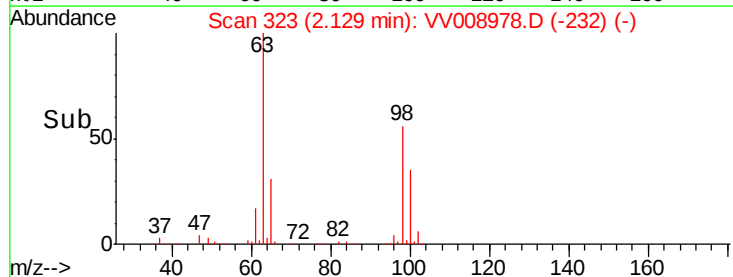
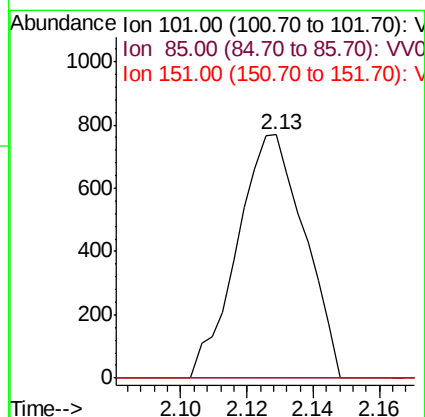
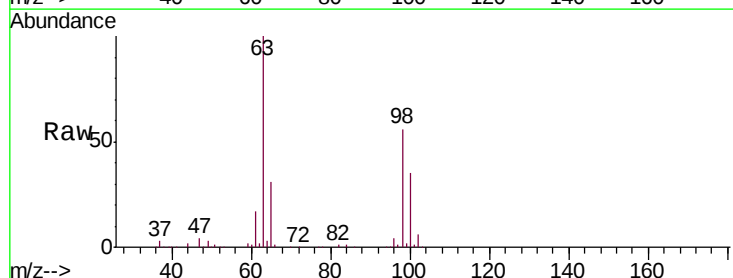
Tgt Ion:101 Resp: 1087
 Ion Ratio Lower Upper
 101 100
 103 6.3 51.5 77.3#

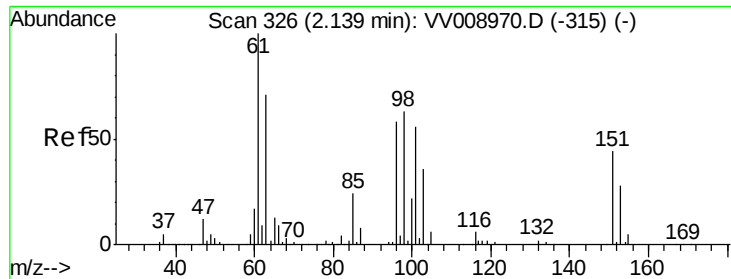


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.743 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

Tgt Ion:101 Resp: 1087
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

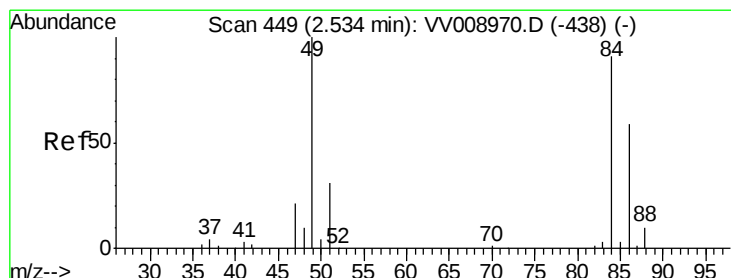
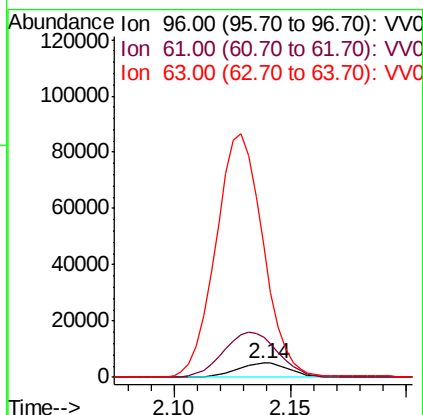
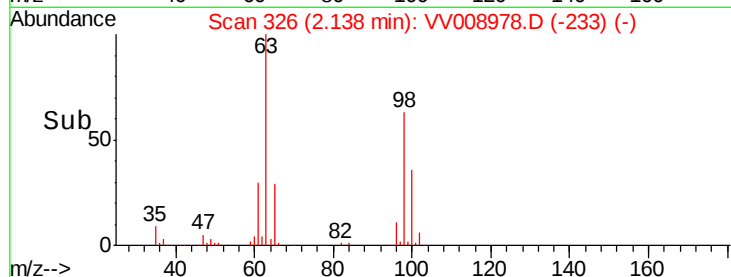
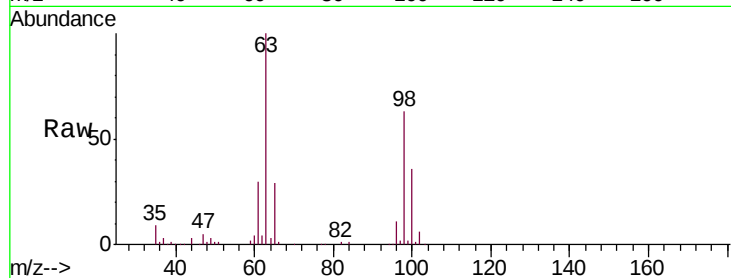




#12
 1,1-Dichloroethene
 Concen: 5.923 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

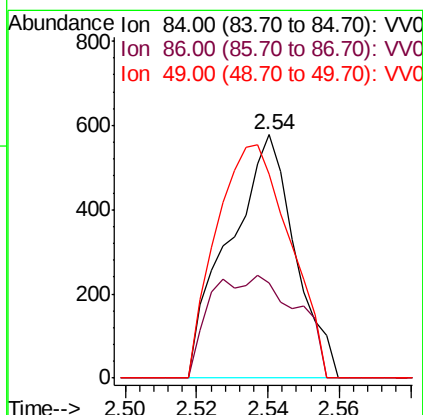
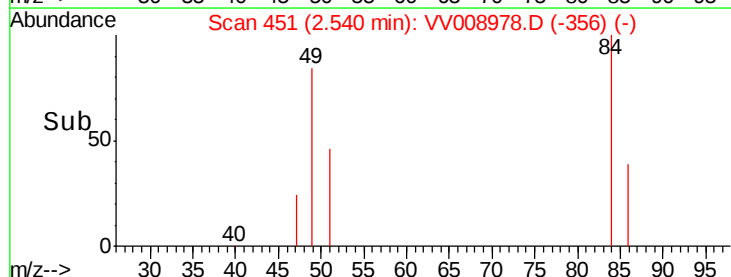
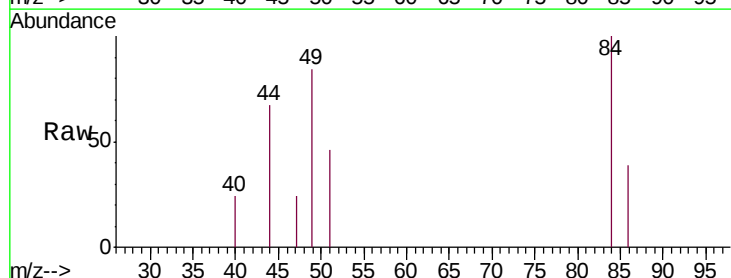
Instrument :
 MSVOA_V
 ClientSampleId :
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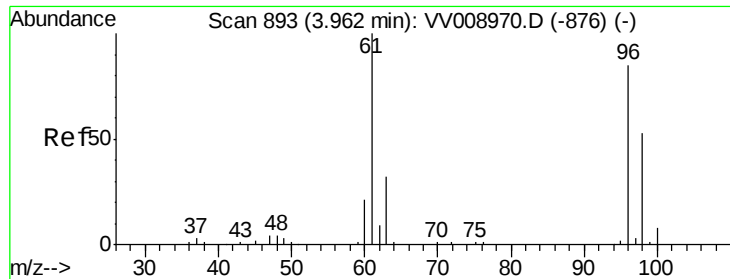
Tgt Ion: 96 Resp: 7879
 Ion Ratio Lower Upper
 96 100
 61 274.5 119.1 221.3#
 63 908.7 96.0 178.2#



#16
 Methylene chloride
 Concen: 0.497 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

Tgt Ion: 84 Resp: 736
 Ion Ratio Lower Upper
 84 100
 86 39.3 44.2 82.0#
 49 83.6 77.4 143.8

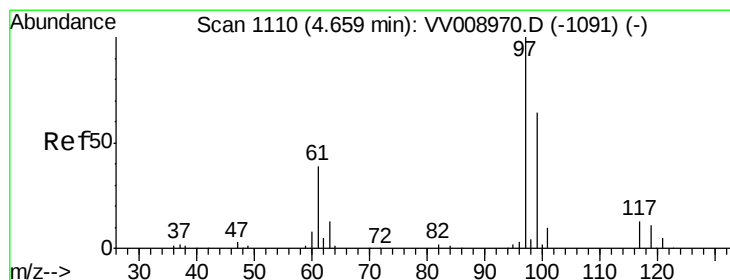
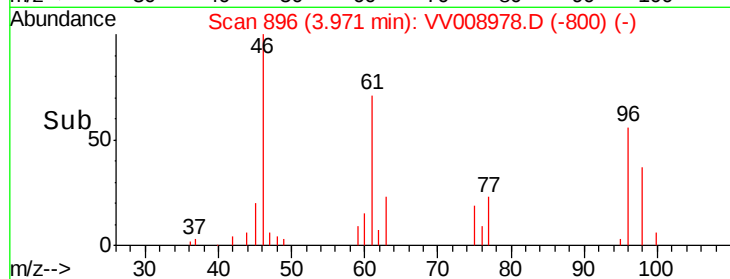
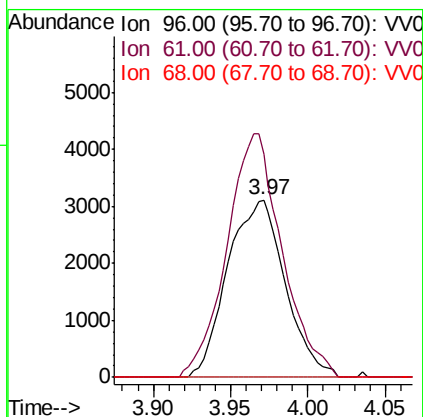
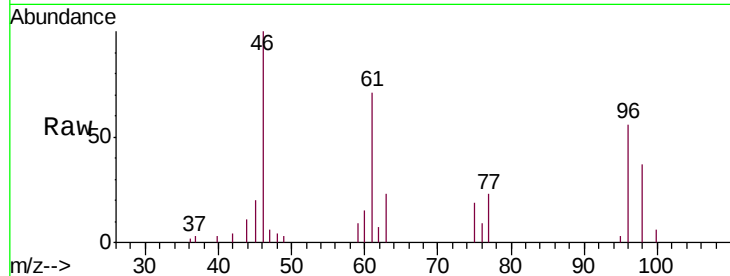




#20
 cis-1,2-Dichloroethene
 Concen: 5.221 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

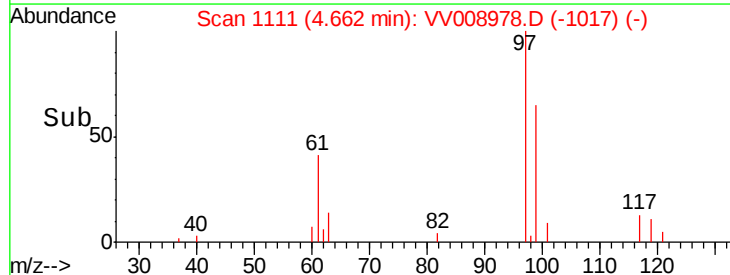
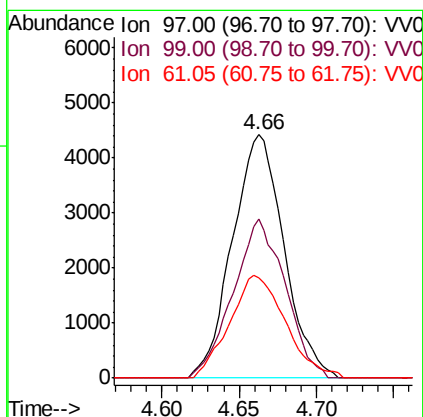
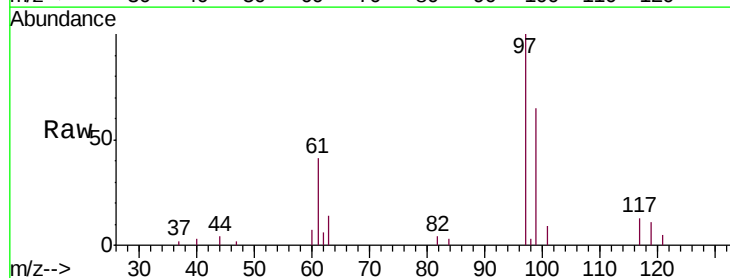
Instrument :
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 ClientSampleId :
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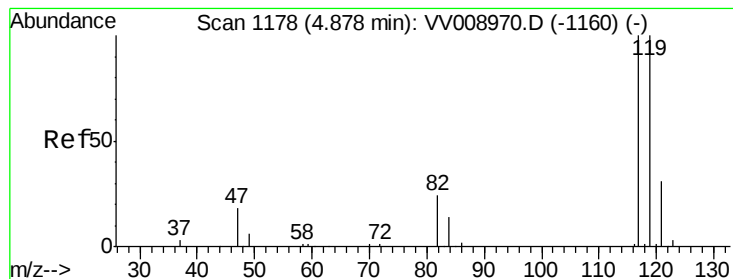
Tgt Ion: 96 Resp: 8062
 Ion Ratio Lower Upper
 96 100
 61 125.8 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 4.234 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

Tgt Ion: 97 Resp: 10274
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.7 77.5
 61 45.1 32.5 48.7





#31

Carbon tetrachloride

Concen: 0.646 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.21 min

Lab File: VV008978.D

Acq: 17 Dec 2018 14:29

Instrument :

MSVOA_V

ClientSampleId :

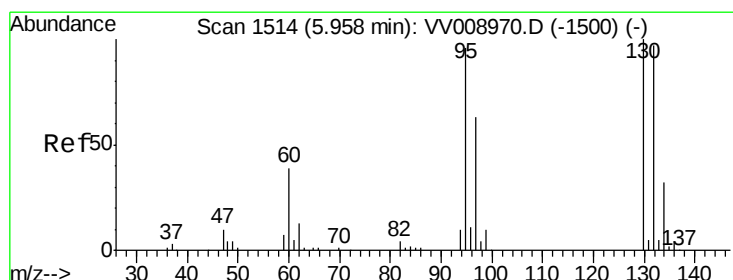
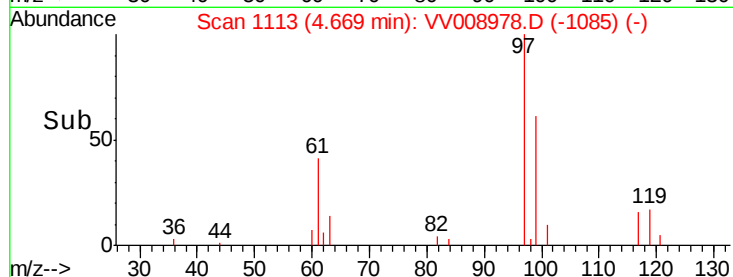
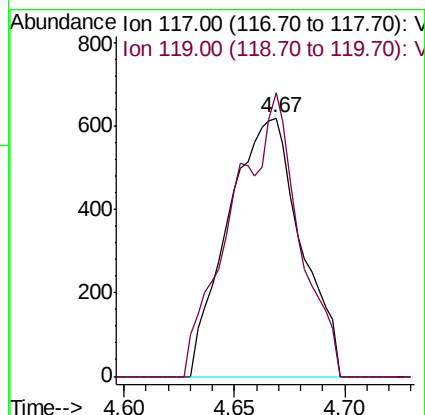
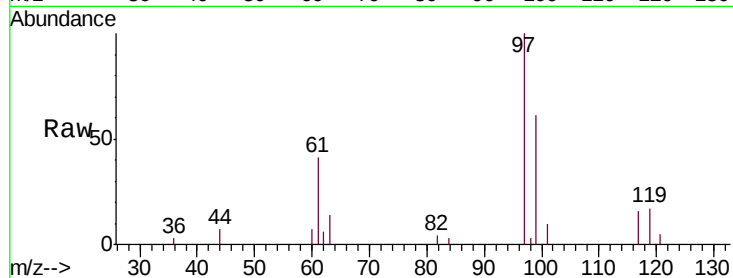
COL61DL

Tgt Ion: 117 Resp: 1416

Ion Ratio Lower Upper

117 100

119 56.4 77.7 116.5#



#34

Trichloroethene

Concen: 75.364 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008978.D

Acq: 17 Dec 2018 14:29

Tgt Ion: 95 Resp: 118755

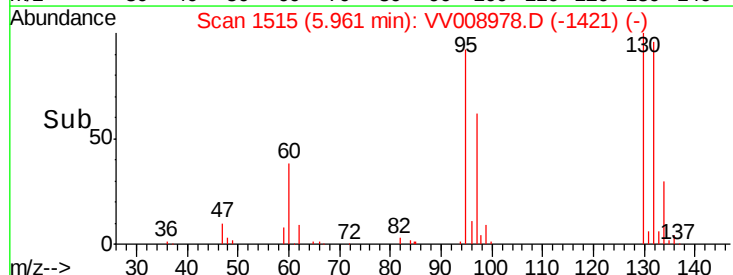
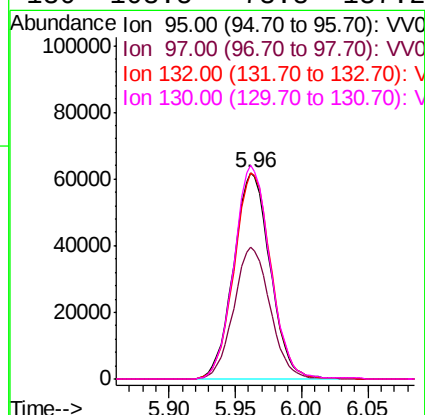
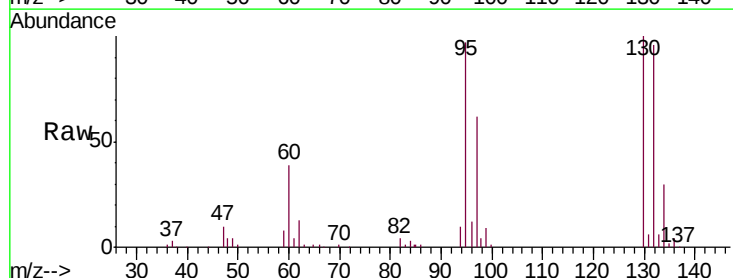
Ion Ratio Lower Upper

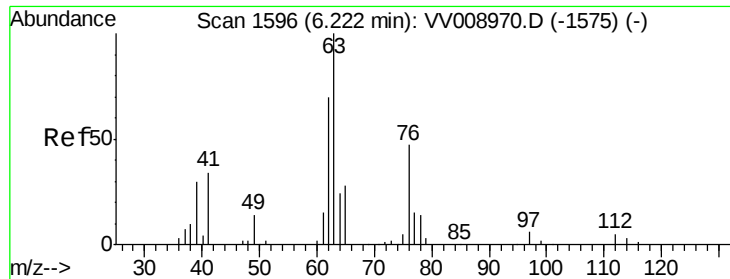
95 100

97 63.7 45.7 84.9

132 99.9 72.2 134.2

130 103.5 73.8 137.2

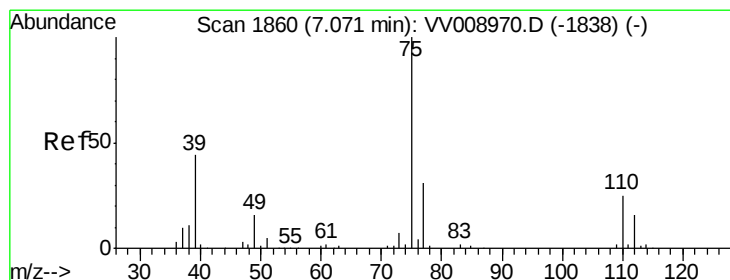
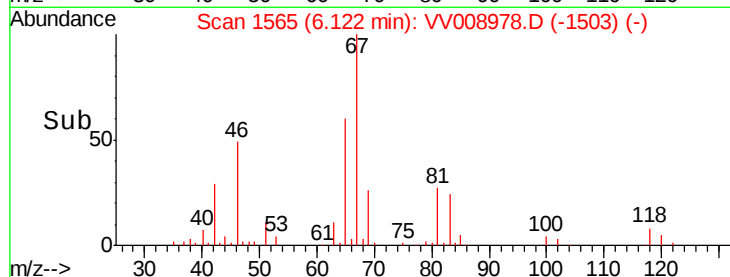
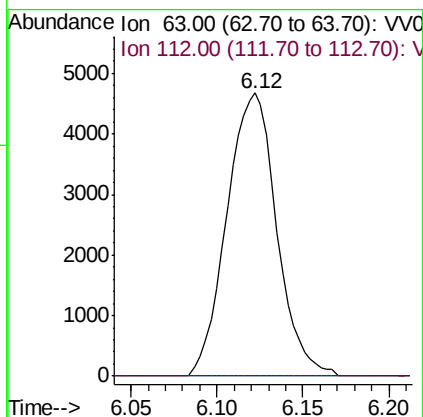
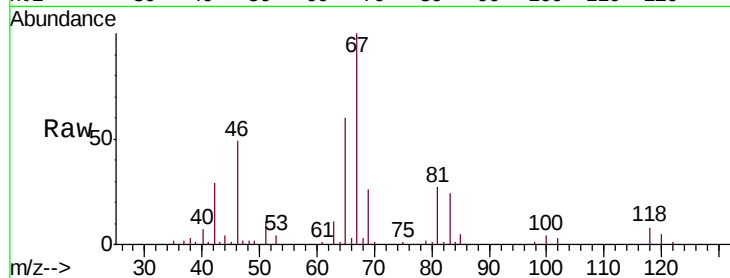




#37
 1,2-Dichloropropane
 Concen: 6.689 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

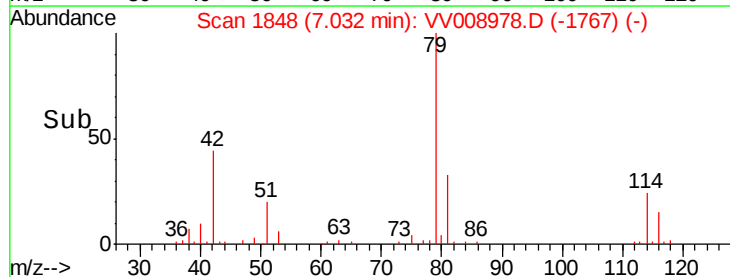
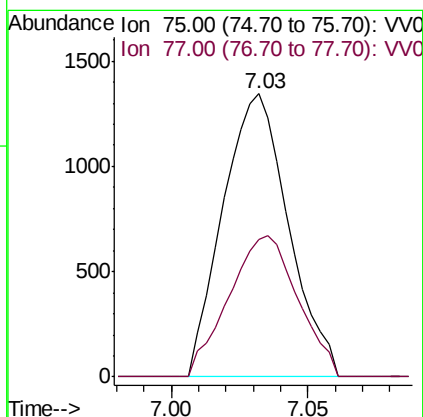
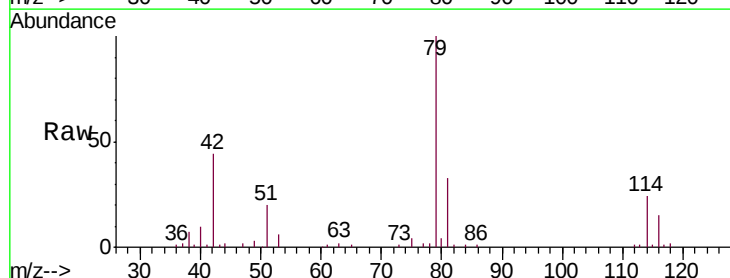
Instrument :
 MSVOA_V
 ClientSampled :
 COL61DL

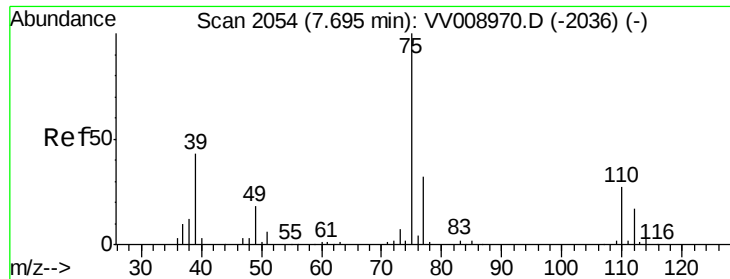
Tgt Ion: 63 Resp: 9440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.997 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008978.D
 Acq: 17 Dec 2018 14:29

Tgt Ion: 75 Resp: 2243
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008978.D

Acq: 17 Dec 2018 14:29

Instrument :

MSVOA_V

ClientSampleId :

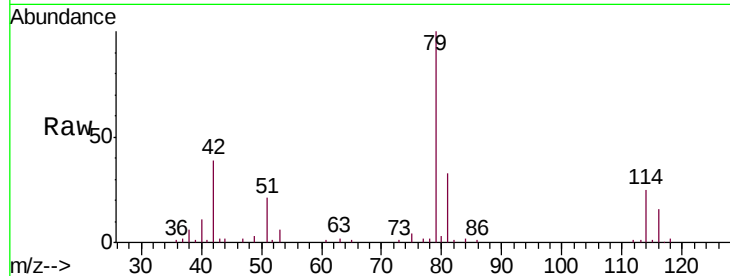
C0L61DL

Tgt Ion: 75 Resp: 1702

Ion Ratio Lower Upper

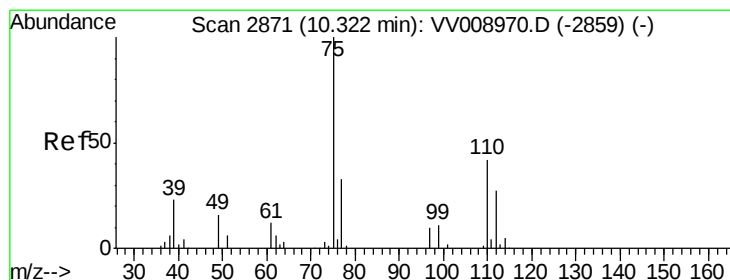
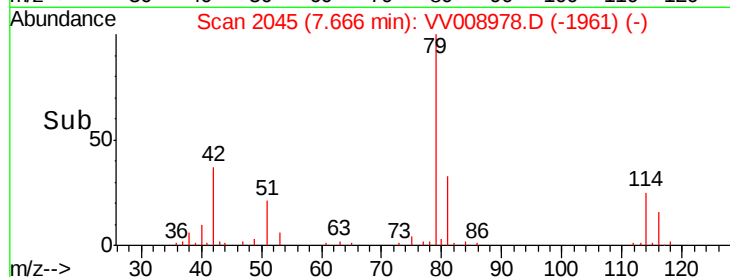
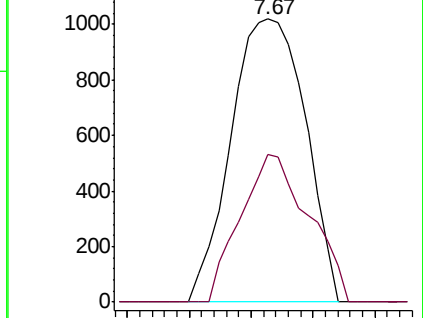
75 100

77 52.2 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008978.D

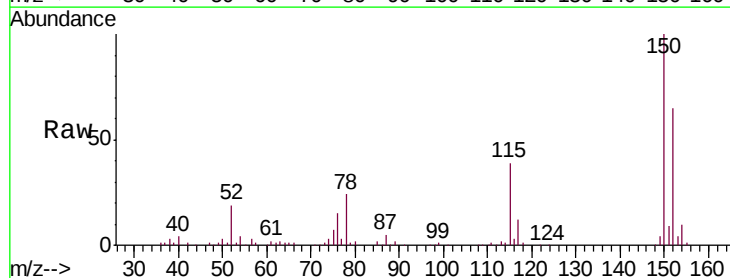
Acq: 17 Dec 2018 14:29

Tgt Ion: 75 Resp: 9278

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

