

Data File : VV008427.D
Acq On : 26 Oct 2018 12:53
Operator : SY/MD
Sample : J5669-11
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBZ7

Quant Time: Oct 27 04:45:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179135	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53730	54.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.34%
7) Chloroethane-d5	1.62	69	365	0.51	ug/L	0.06
Spiked Amount	50.000	Range	70 - 130	Recovery	=	1.02%#
11) 1,1-Dichloroethene-d2	2.13	63	73321	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
21) 2-Butanone-d5	3.93	46	108957	101.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.41	84	124954	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	5.09	65	87347	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.82%
32) Benzene-d6	5.10	84	259064	56.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.12%
36) 1,2-Dichloropropane-d6	6.12	67	88629	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.48%
41) Toluene-d8	7.36	98	235536	56.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.26%
43) trans-1,3-Dichloropropene-	7.67	79	41745	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.08%
47) 2-Hexanone-d5	8.14	63	83817	100.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113393	52.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	76155	56.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.62%

Target Compounds

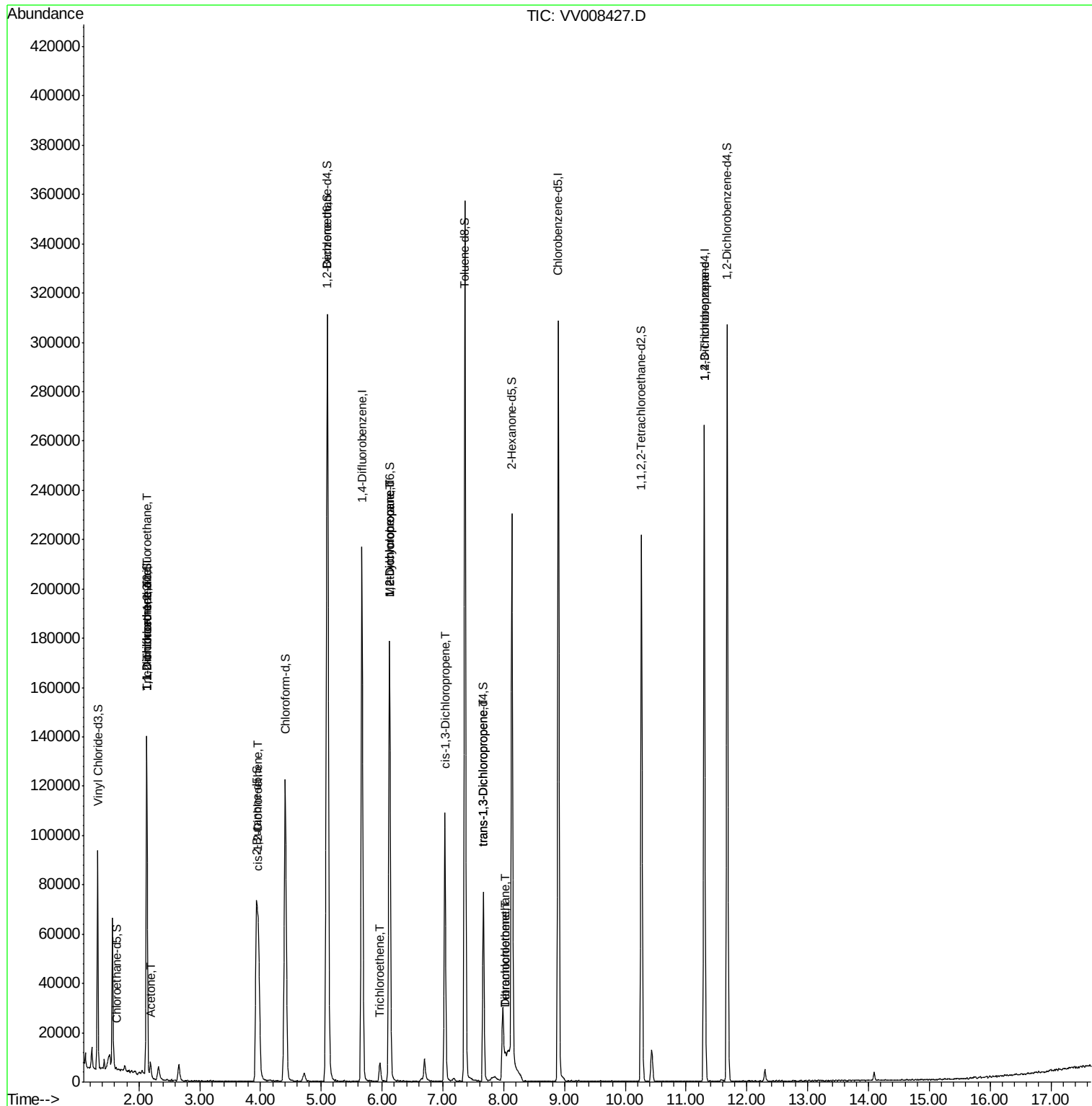
						Qvalue
9) Trichlorofluoromethane	2.13	101	628	0.384	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	628	0.736	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	659	0.820	ug/L #	1
13) Acetone	2.19	43	3435	4.106	ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	25905	18.559	ug/L	95
34) Trichloroethene	5.97	95	2928	2.177	ug/L	94
35) Methylcyclohexane	6.12	83	20077	8.779	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9474	6.529	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2430	1.065	ug/L #	54
44) trans-1,3-Dichloropropene	7.67	75	1711	0.802	ug/L #	82
46) Tetrachloroethene	8.03	164	943	1.075	ug/L	98
49) Dibromochloromethane	8.02	129	1083	0.786	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	8427	4.634	ug/L	89

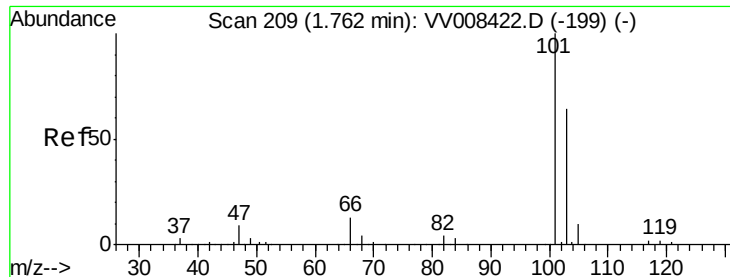
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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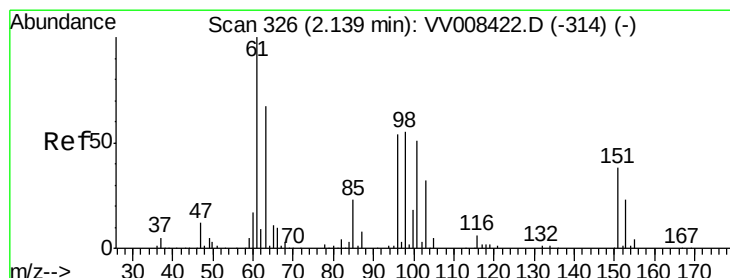
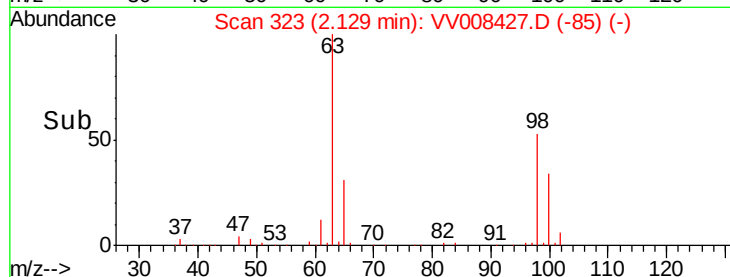
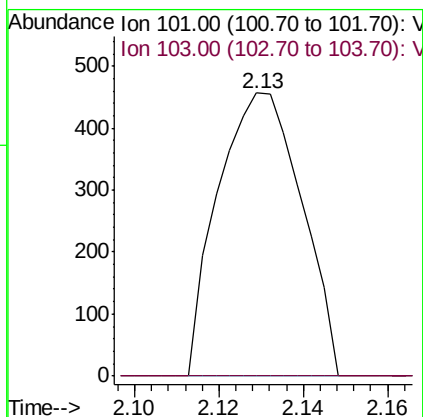
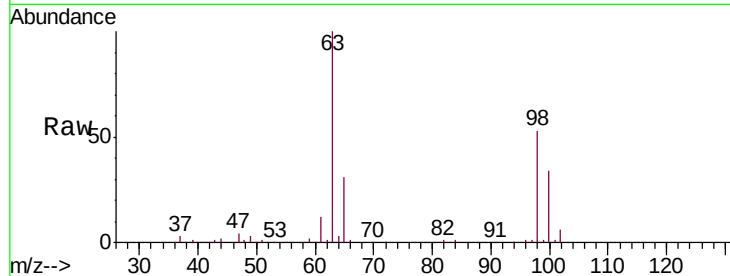


#9

Trichlorofluoromethane
 Concen: 0.384 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBZ7

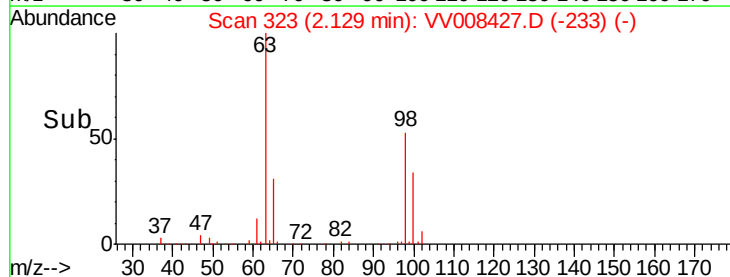
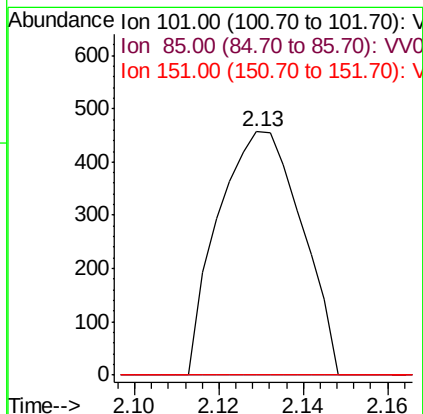
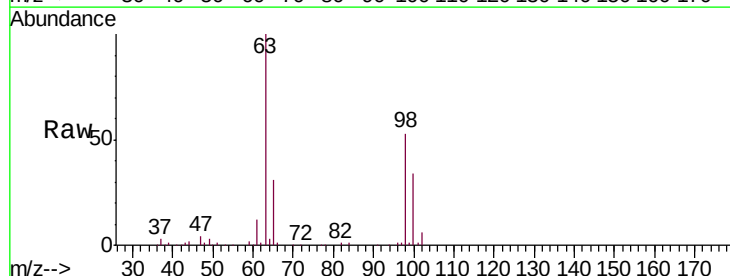
Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.0 76.6#

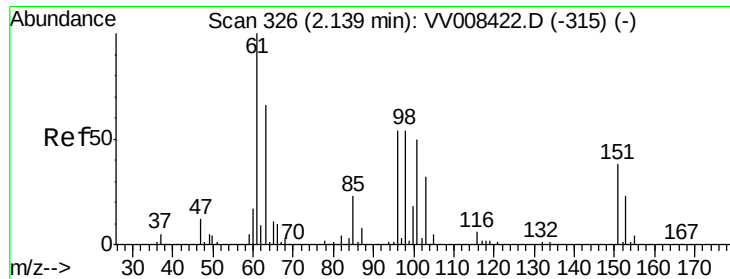


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.736 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#

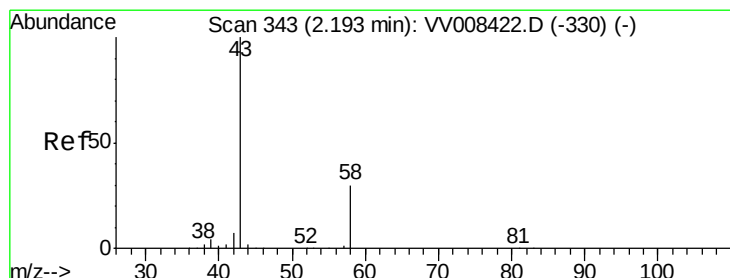
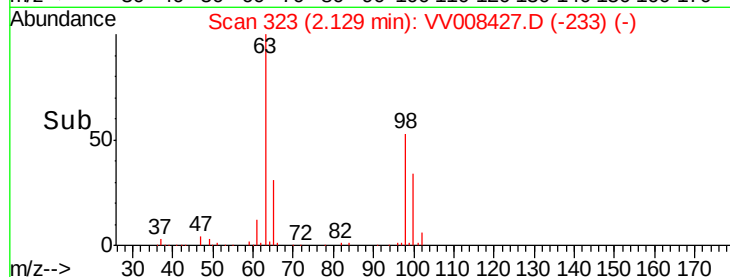
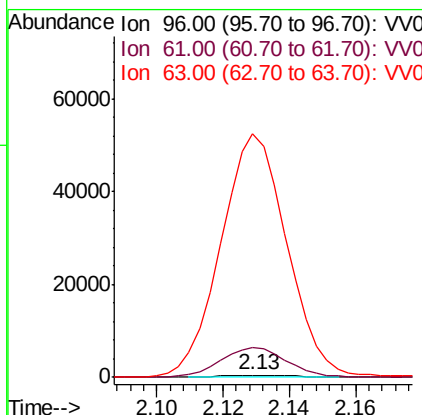
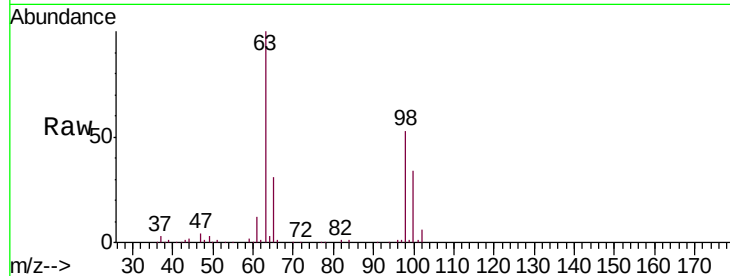




#12
 1,1-Dichloroethene
 Concen: 0.820 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

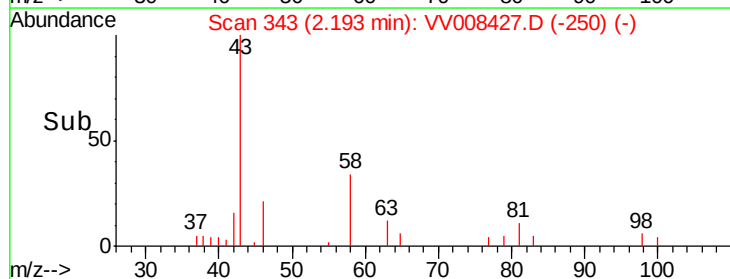
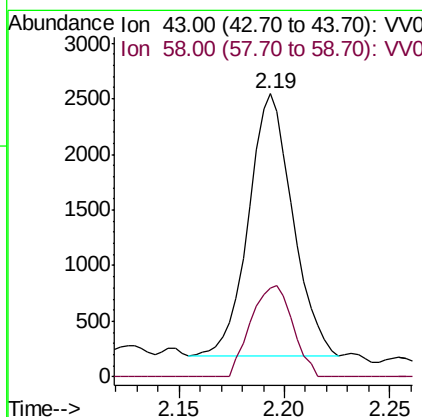
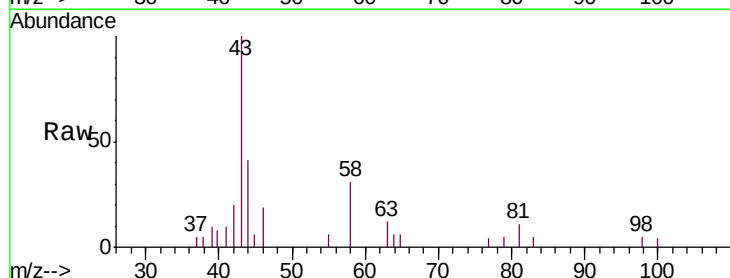
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBZ7

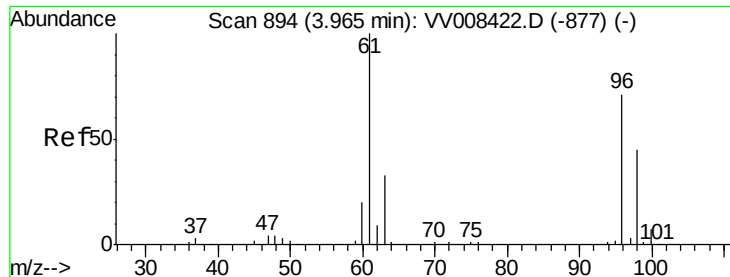
Tgt Ion: 96 Resp: 659
 Ion Ratio Lower Upper
 96 100
 61 1705.8 130.3 242.1#
 63 13920.4 84.4 156.8#



#13
 Acetone
 Concen: 4.106 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

Tgt Ion: 43 Resp: 3435
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 61.4

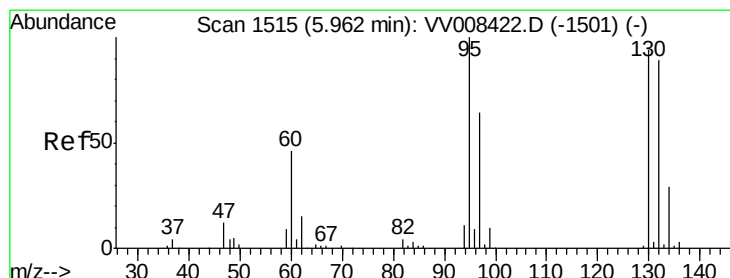
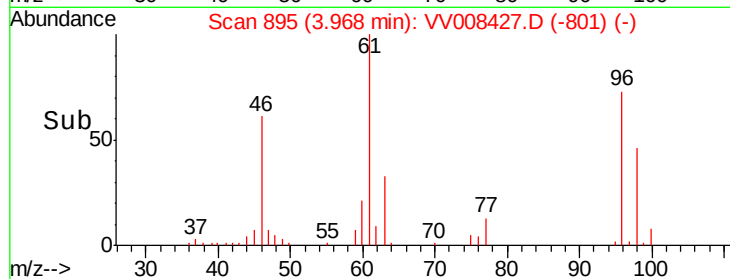
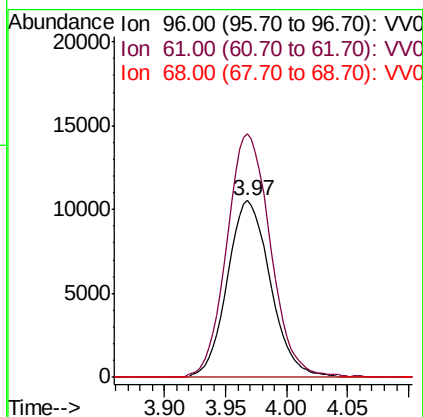
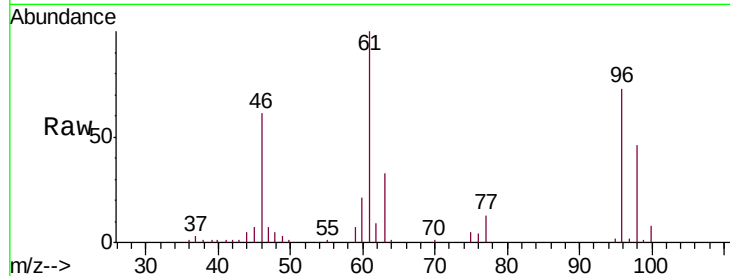




#20
 cis-1,2-Dichloroethene
 Concen: 18.559 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

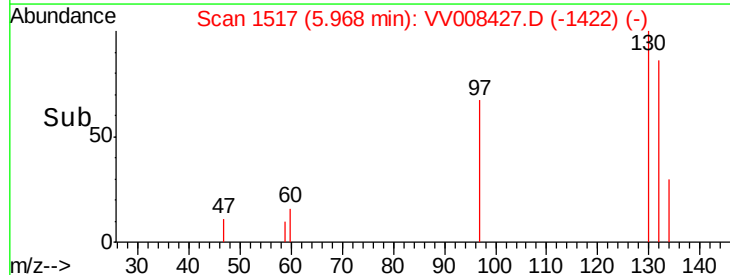
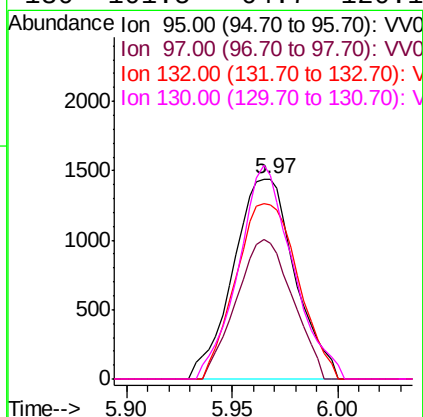
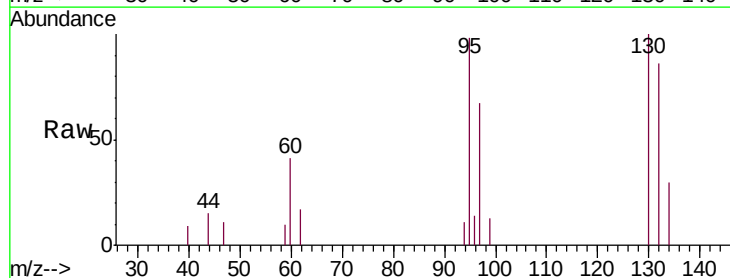
Instrument :
 MSVOA_V
 ClientSampleId :
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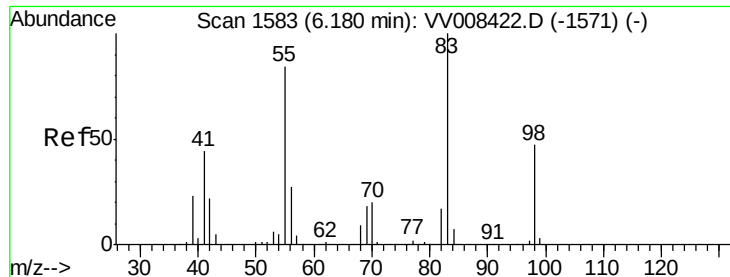
Tgt Ion: 96 Resp: 25905
 Ion Ratio Lower Upper
 96 100
 61 137.8 100.9 187.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.177 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

Tgt Ion: 95 Resp: 2928
 Ion Ratio Lower Upper
 95 100
 97 68.0 45.2 84.0
 132 87.2 63.8 118.6
 130 101.5 64.7 120.1

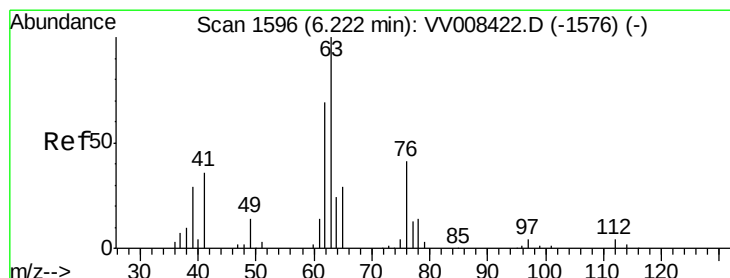
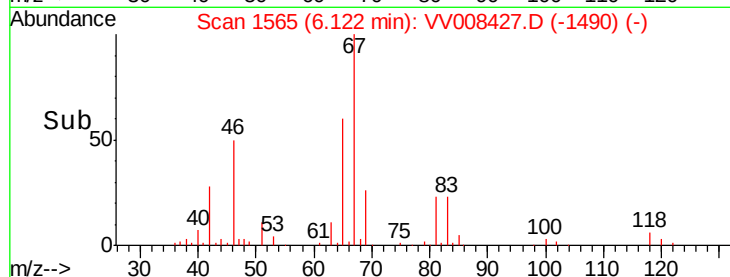
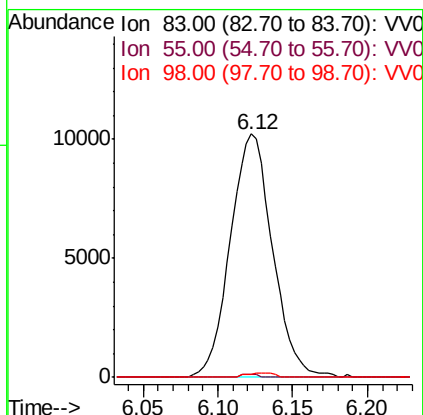
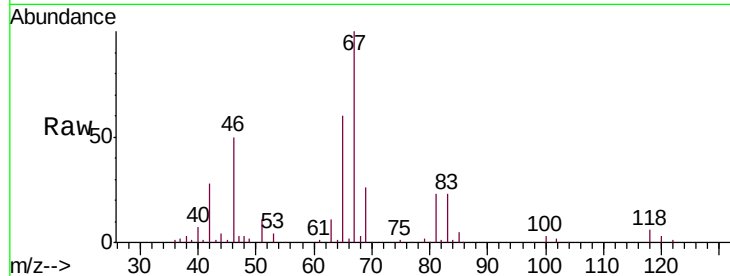




#35
Methylcyclohexane
Concen: 8.779 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008427.D
Acq: 26 Oct 2018 12:53

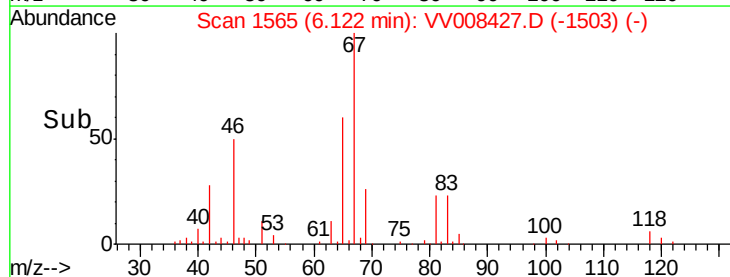
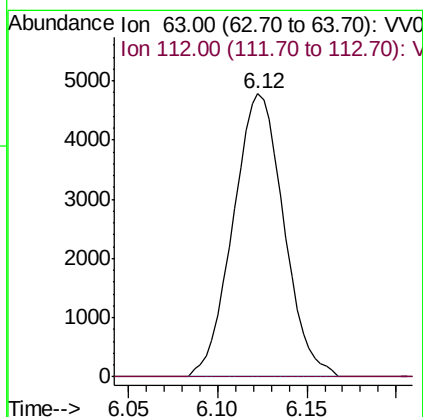
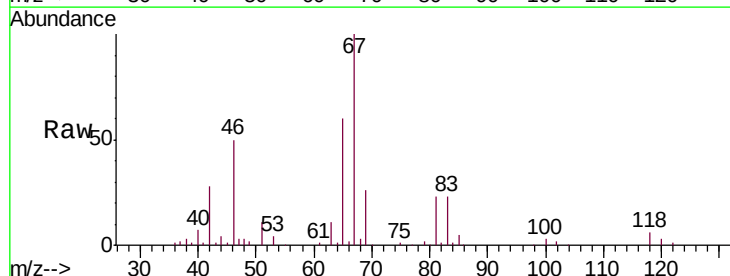
Instrument :
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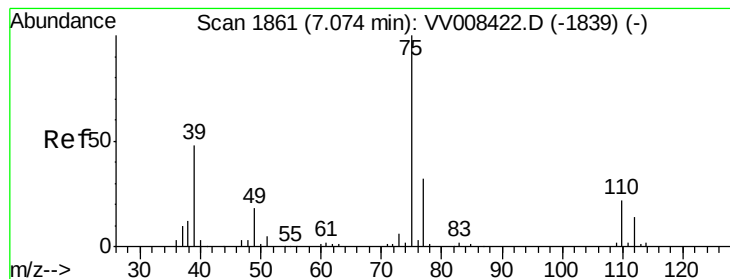
Tgt Ion: 83 Resp: 20077
Ion Ratio Lower Upper
83 100
55 0.4 65.0 97.4#
98 1.1 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 6.529 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008427.D
Acq: 26 Oct 2018 12:53

Tgt Ion: 63 Resp: 9474
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 1.065 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008427.D

Acq: 26 Oct 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

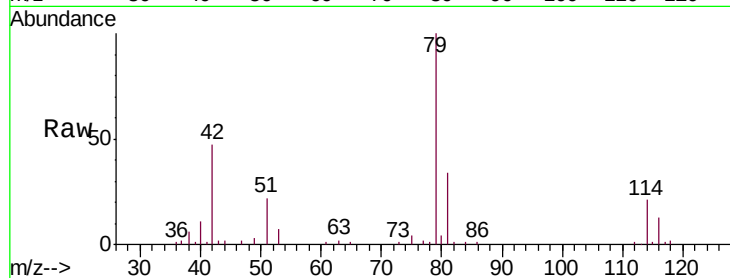
ETBZ7

Tgt Ion: 75 Resp: 2430

Ion Ratio Lower Upper

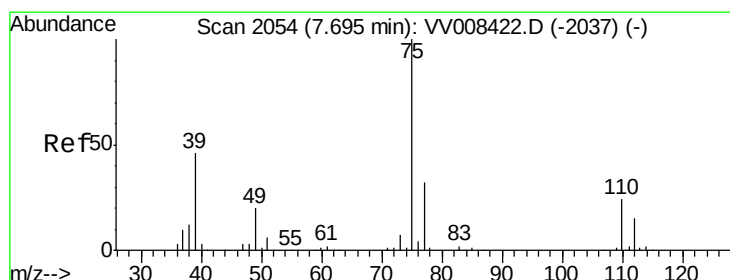
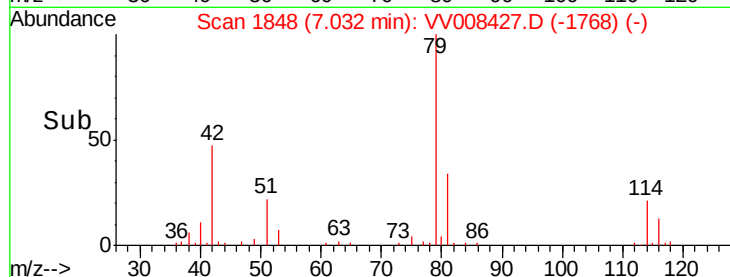
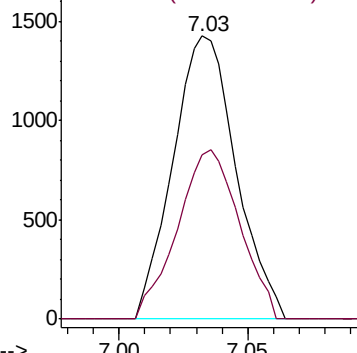
75 100

77 58.2 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008427.D

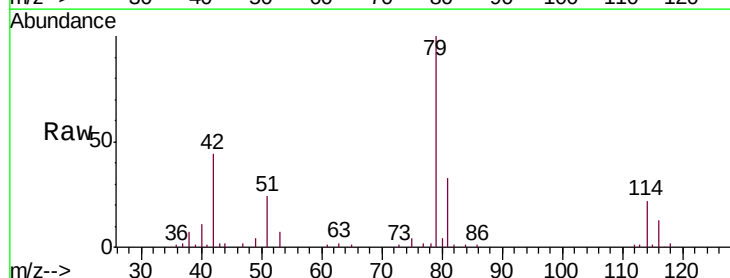
Acq: 26 Oct 2018 12:53

Tgt Ion: 75 Resp: 1711

Ion Ratio Lower Upper

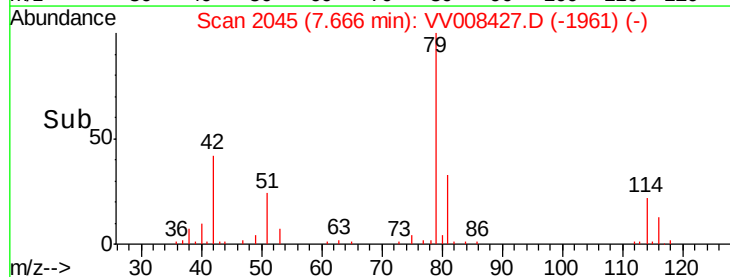
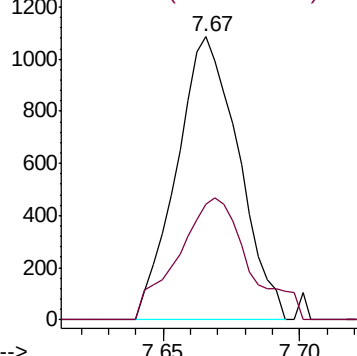
75 100

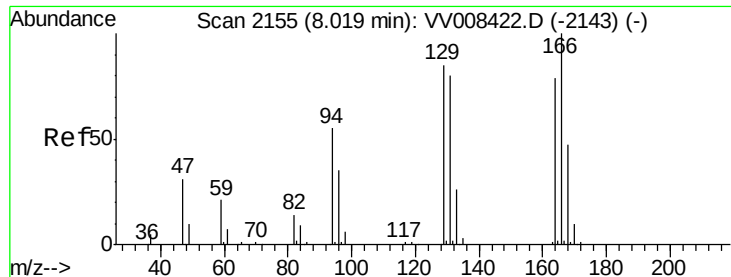
77 41.1 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 1.075 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV008427.D

Acq: 26 Oct 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

ETBZ7

Tgt Ion:164 Resp: 943

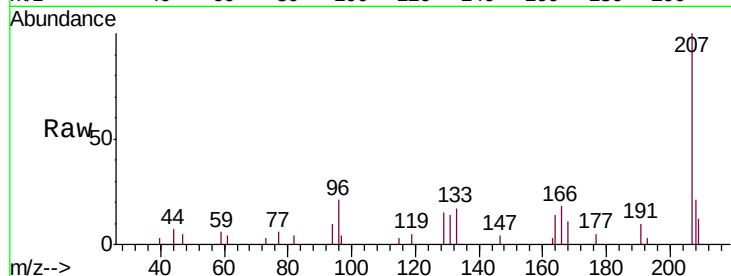
Ion Ratio Lower Upper

164 100

129 109.3 75.0 139.2

131 101.4 71.3 132.3

166 131.7 89.2 165.6

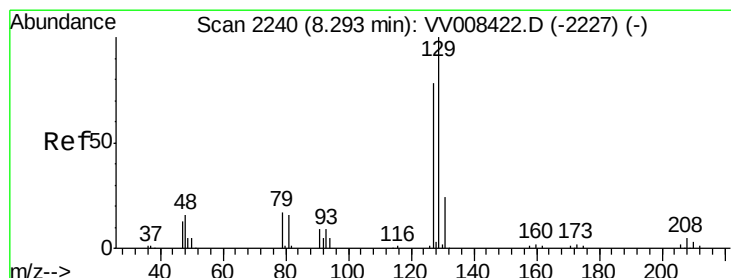
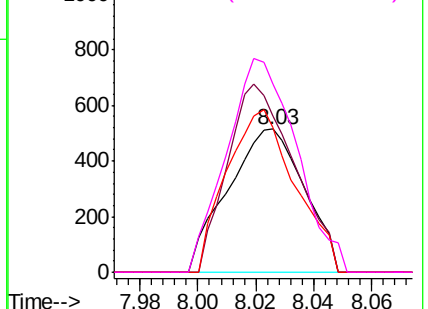
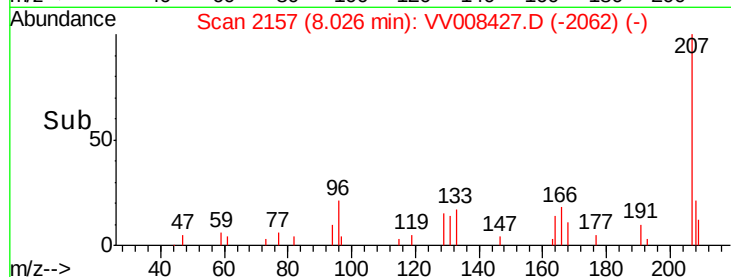


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 0.786 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008427.D

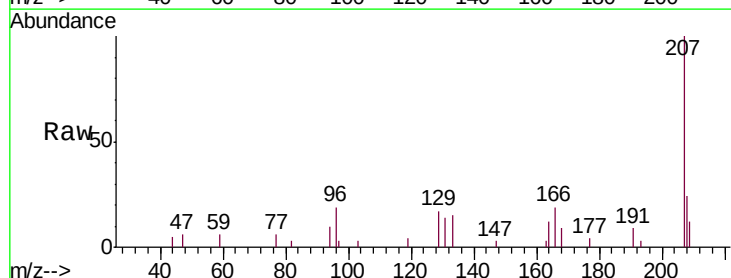
Acq: 26 Oct 2018 12:53

Tgt Ion:129 Resp: 1083

Ion Ratio Lower Upper

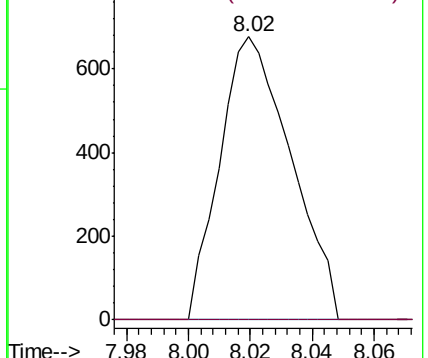
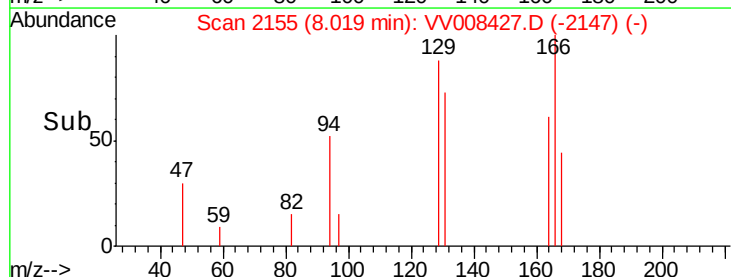
129 100

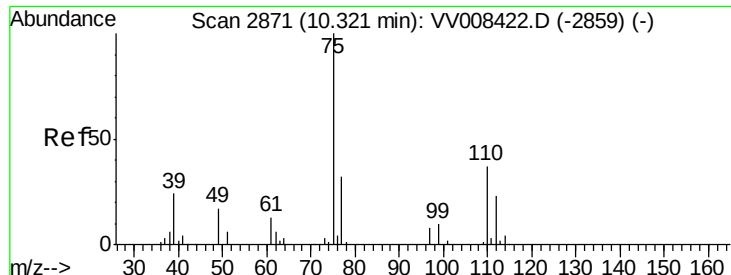
127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59
 1,2,3-Trichloropropane
 Concen: 4.634 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008427.D
 Acq: 26 Oct 2018 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBZ7

Tgt Ion: 75 Resp: 8427
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.8 38.8

