

Data File : VV009427.D
Acq On : 28 Feb 2019 16:56
Operator : SY/MD
Sample : K1599-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJX7

Quant Time: Mar 01 03:54:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25679	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.59	69	21943	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	48777	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	54318	57.34	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.68%
24) Chloroform-d	4.41	84	52273	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.09	65	26984	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	106621	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.12	67	31330	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	107833	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.67	79	13359	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.14	63	50191	58.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23863	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	37648	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1095	0.176 ug/L	99
5) Vinyl chloride	1.32	62	2250	0.330 ug/L #	1
8) Chloroethane	1.32	64	1166	0.257 ug/L	88
12) 1,1-Dichloroethene	2.14	96	2859	0.456 ug/L #	1
13) Acetone	2.20	43	2418	2.687 ug/L	95
18) trans-1,2-Dichloroethene	2.80	96	909	0.134 ug/L #	72
19) 1,1-Dichloroethane	3.23	63	805	0.088 ug/L #	78
22) cis-1,2-Dichloroethene	3.96	96	79056	12.472 ug/L	99
25) Chloroform	4.43	83	1577	0.143 ug/L	93
29) 1,1,1-Trichloroethane	4.66	97	1395	0.135 ug/L	94
34) Trichloroethene	5.96	95	269463	39.852 ug/L	98
35) Methylcyclohexane	6.12	83	7871	0.709 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3893	0.665 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1392	0.151 ug/L #	48
42) Toluene	7.43	91	21976	0.806 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	758	0.105 ug/L #	79
47) Tetrachloroethene	8.02	164	4788	0.902 ug/L	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

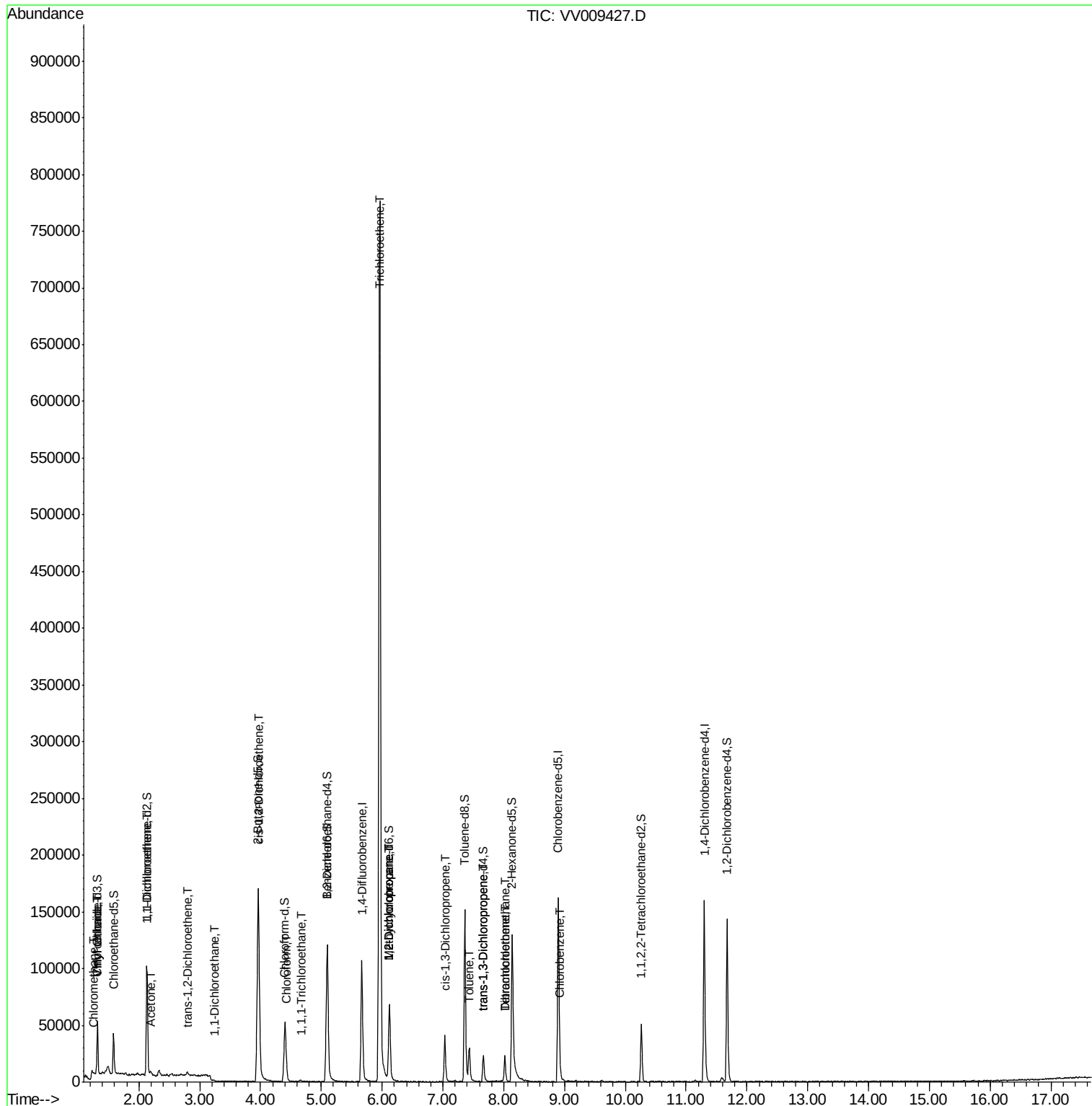
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.02	129	3759	0.689	ug/L #	9
51) Chlorobenzene	8.93	112	3025	0.170	ug/L	94

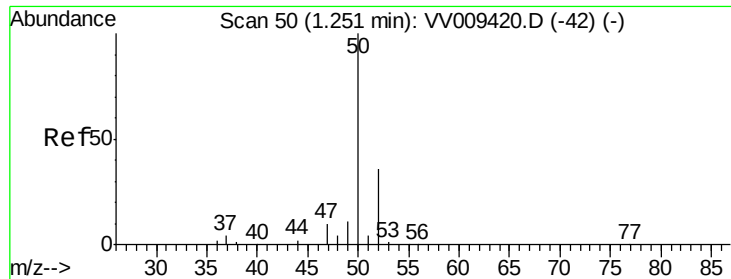
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.176 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

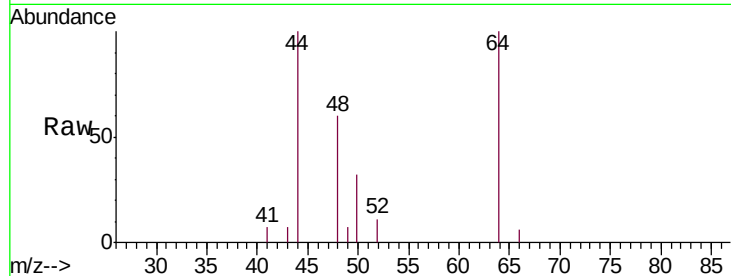
CWJX7

Tgt Ion: 50 Resp: 1095

Ion Ratio Lower Upper

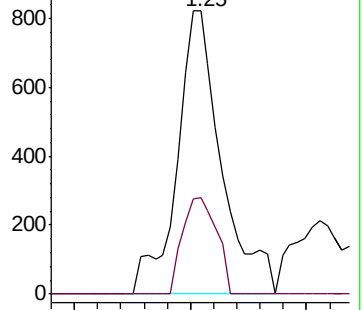
50 100

52 34.1 23.5 43.7

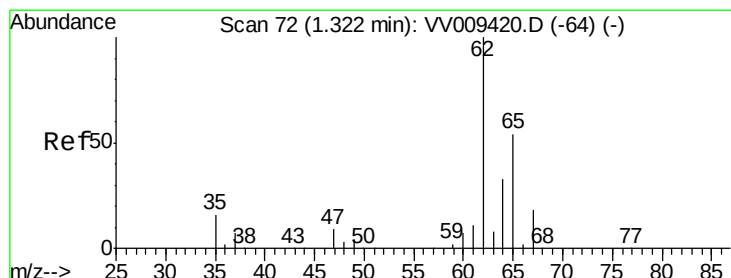
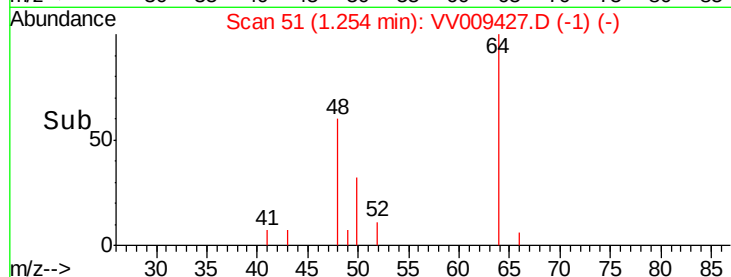


Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



Time-->



#5

Vinyl chloride

Concen: 0.330 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV009427.D

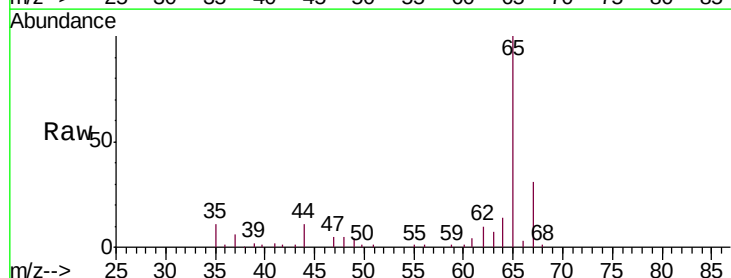
Acq: 28 Feb 2019 16:56

Tgt Ion: 62 Resp: 2250

Ion Ratio Lower Upper

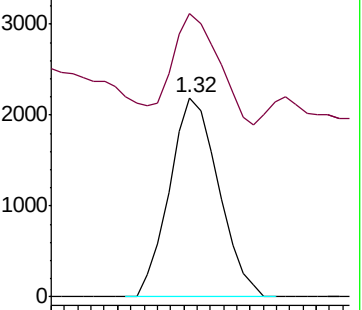
62 100

64 142.3 21.6 40.0#

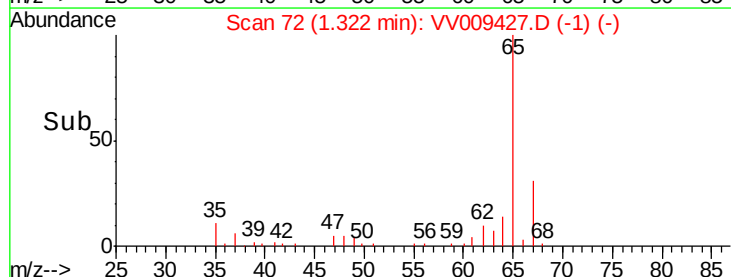


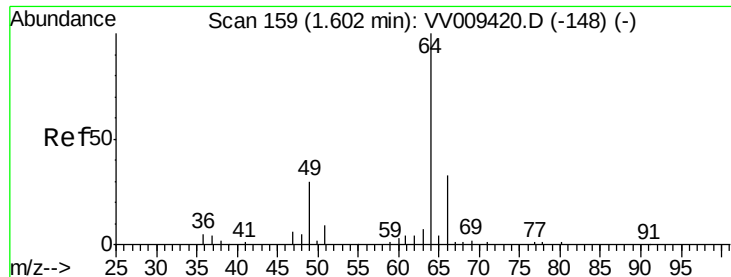
Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



Time-->





#8

Chloroethane

Concen: 0.257 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

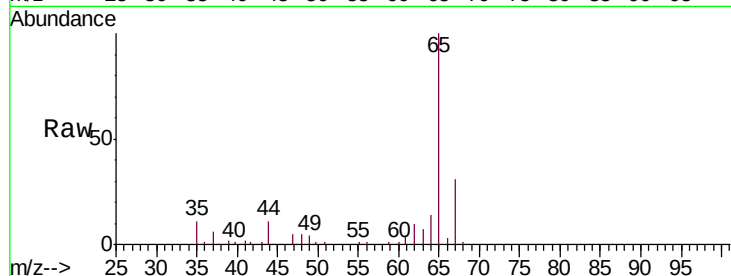
CWJX7

Tgt Ion: 64 Resp: 1166

Ion Ratio Lower Upper

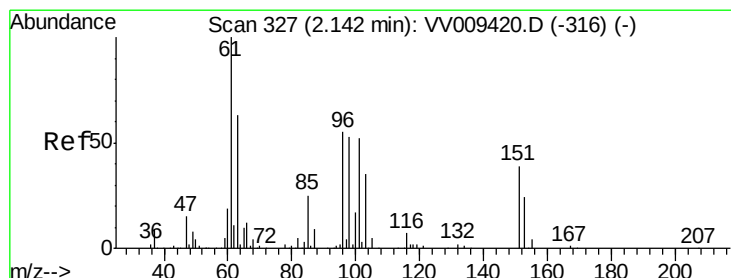
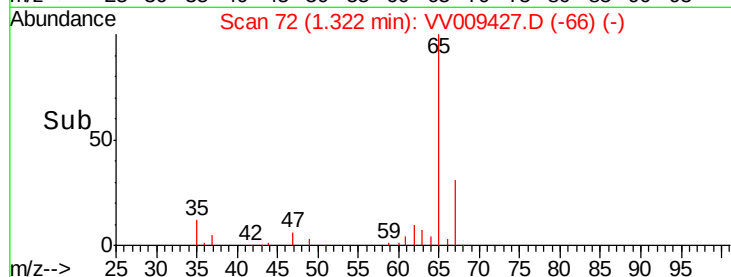
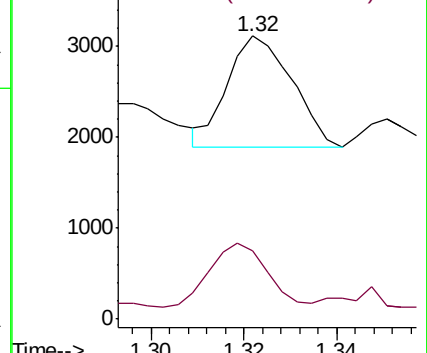
64 100

66 24.0 21.3 39.5



Abundance Ion 64.10 (63.80 to 64.80): VV009420.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV009420.D (-148) (-)



#12

1,1-Dichloroethene

Concen: 0.456 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

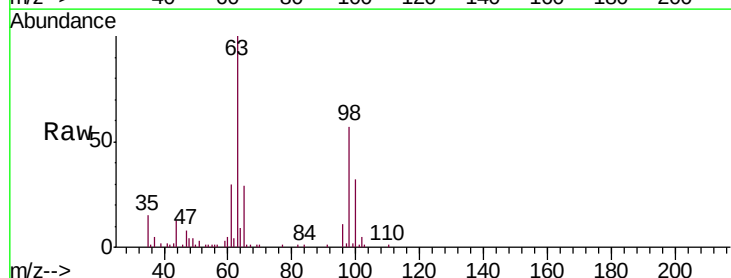
Tgt Ion: 96 Resp: 2859

Ion Ratio Lower Upper

96 100

61 260.1 123.1 228.5#

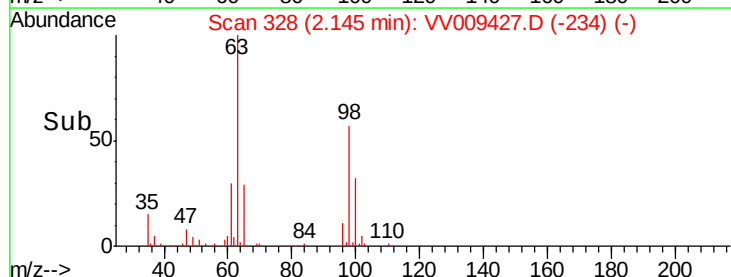
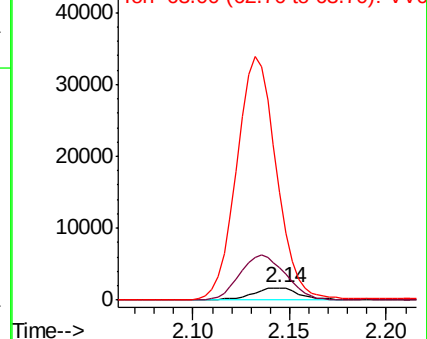
63 869.8 82.9 153.9#

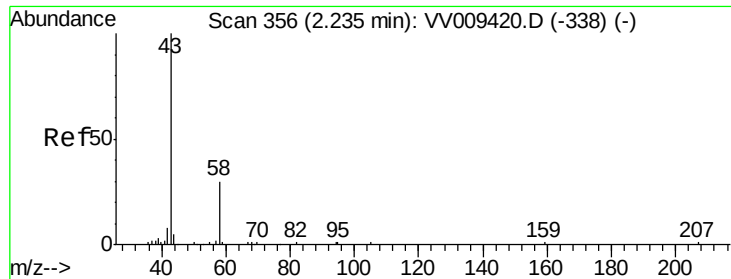


Abundance Ion 96.00 (95.70 to 96.70): VV009420.D (-316) (-)

Ion 61.05 (60.75 to 61.75): VV009420.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV009420.D (-316) (-)





#13

Acetone

Concen: 2.687 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

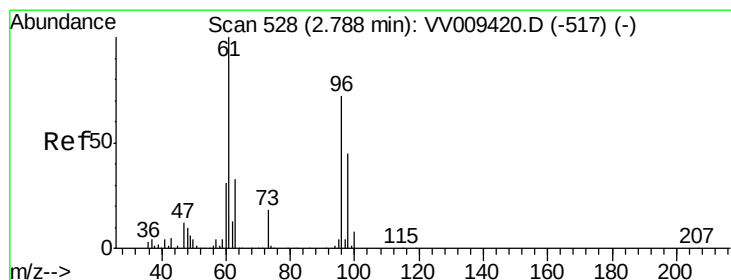
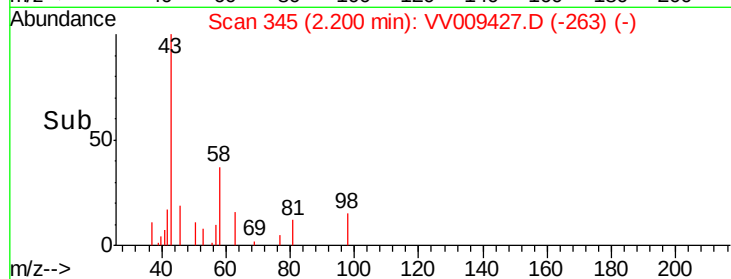
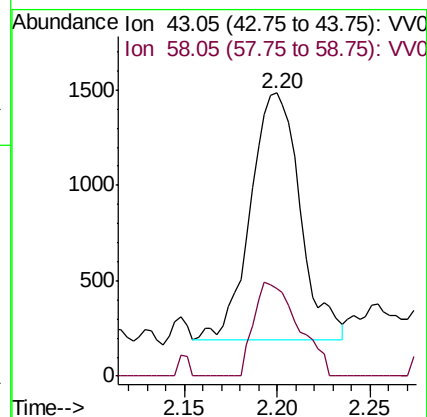
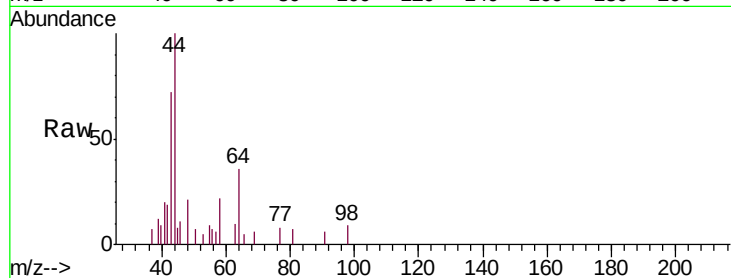
CWJX7

Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

58 34.0 0.0 62.0



#18

trans-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

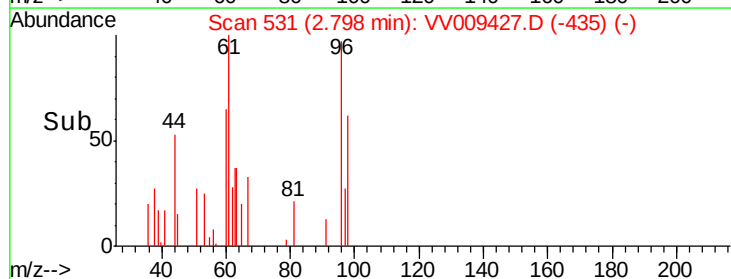
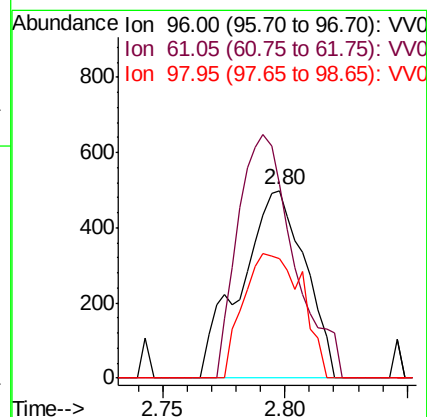
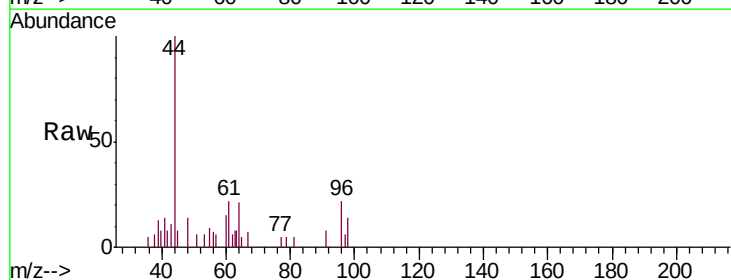
Tgt Ion: 96 Resp: 909

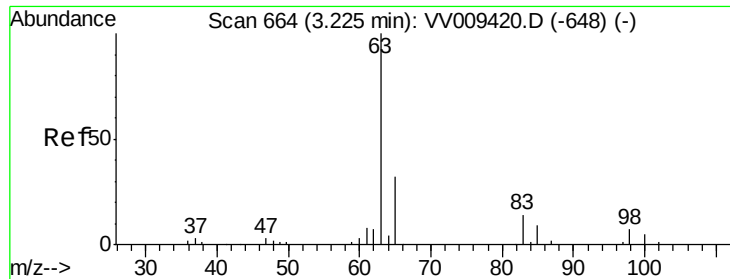
Ion Ratio Lower Upper

96 100

61 103.0 106.0 196.8#

98 63.7 48.2 89.4

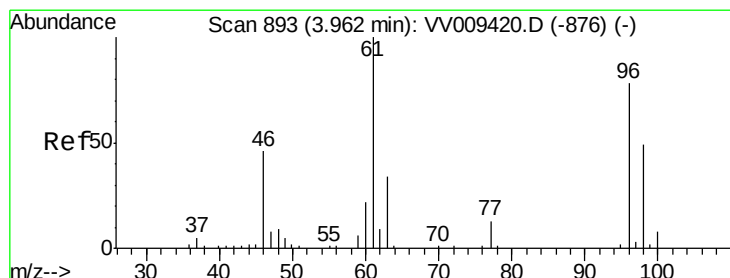
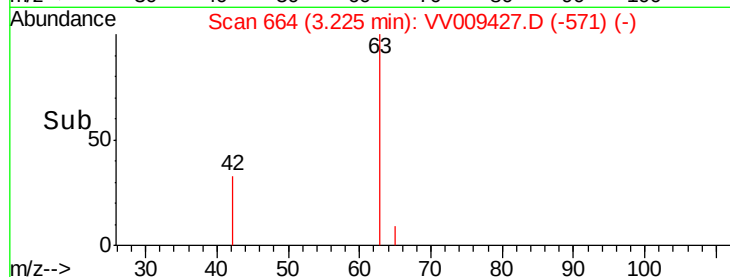
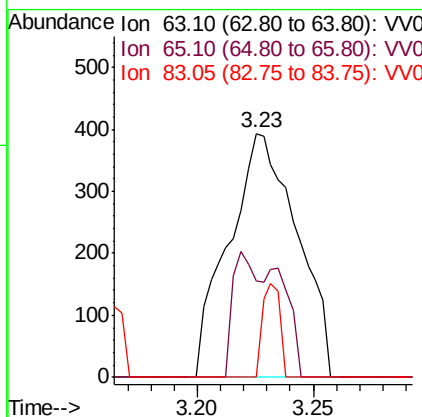
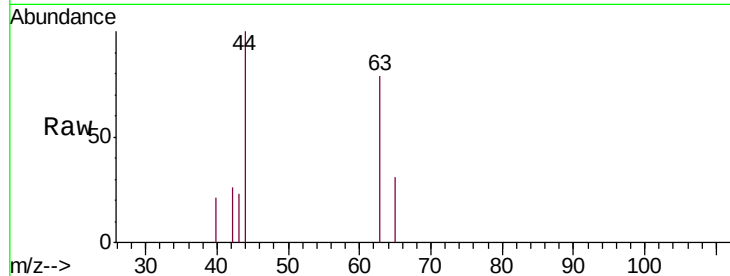




#19
 1,1-Dichloroethane
 Concen: 0.088 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV009427.D
 Acq: 28 Feb 2019 16:56

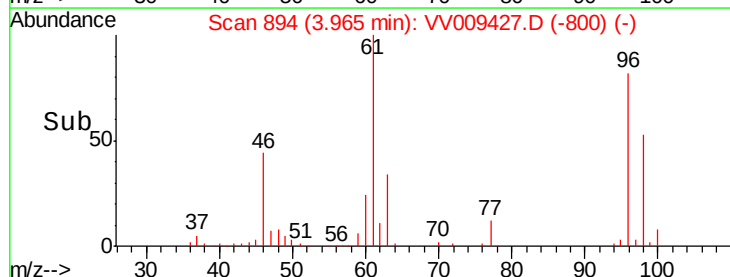
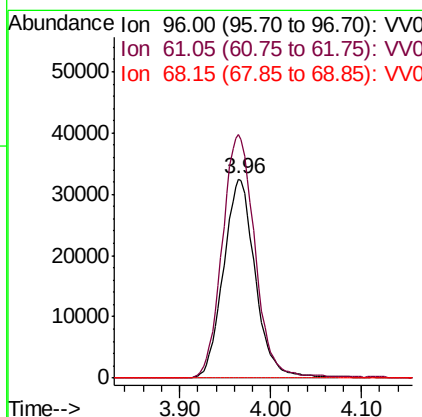
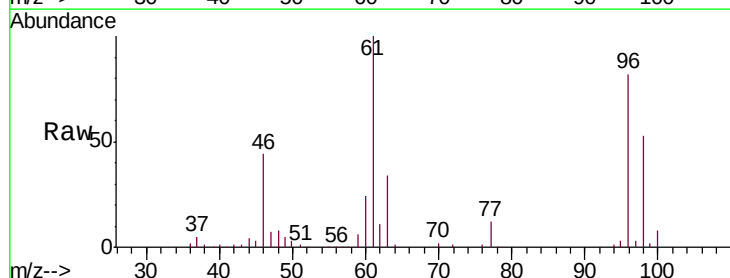
Instrument :
 MSVOA_V
 ClientSampled :
 CWJX7

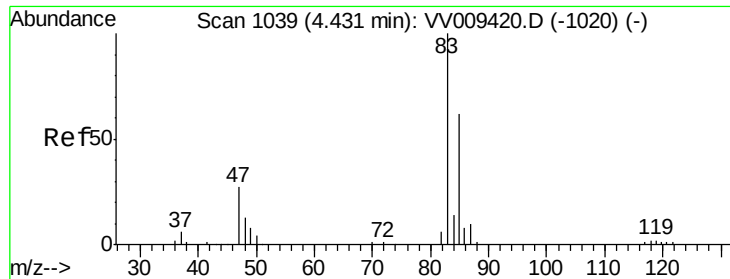
Tgt Ion: 63 Resp: 805
 Ion Ratio Lower Upper
 63 100
 65 39.7 21.6 40.2
 83 0.0 10.4 19.4#



#22
 cis-1,2-Dichloroethene
 Concen: 12.472 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV009427.D
 Acq: 28 Feb 2019 16:56

Tgt Ion: 96 Resp: 79056
 Ion Ratio Lower Upper
 96 100
 61 122.3 86.0 159.8
 68 0.0 0.0 0.0

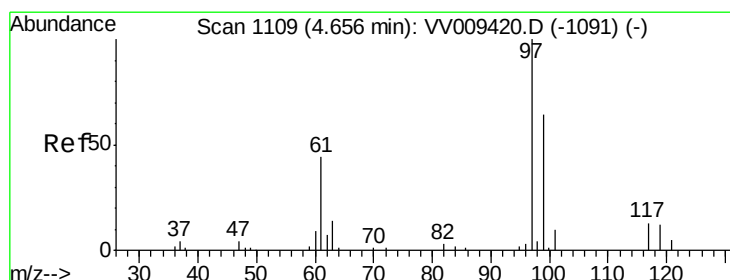
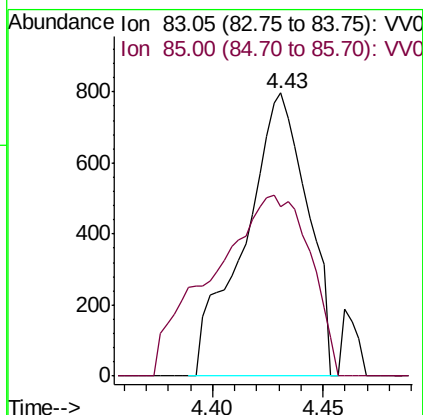
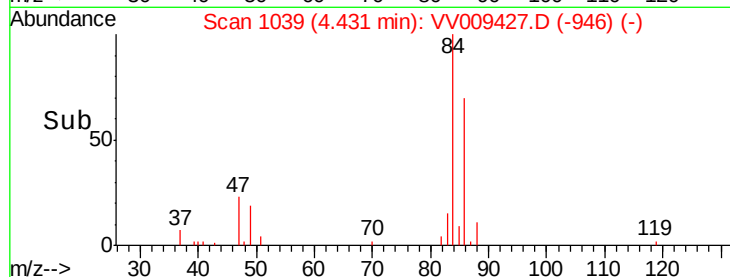
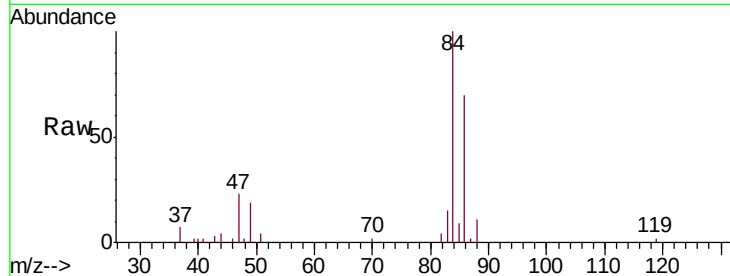




#25
Chloroform
Concen: 0.143 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV009427.D
Acq: 28 Feb 2019 16:56

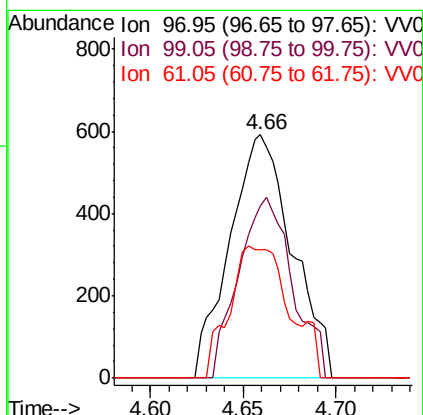
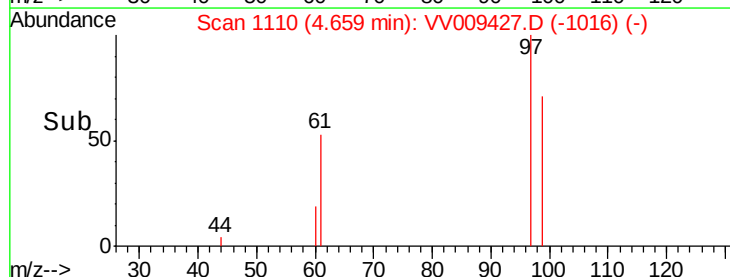
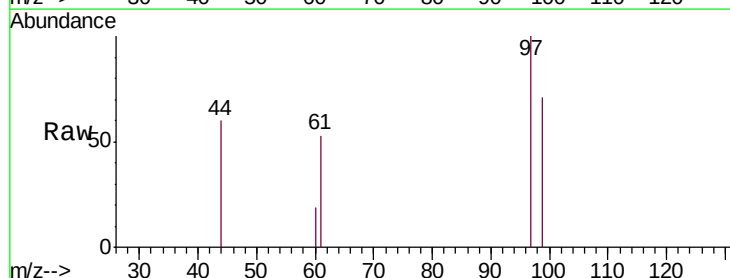
Instrument :
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ClientSampled :
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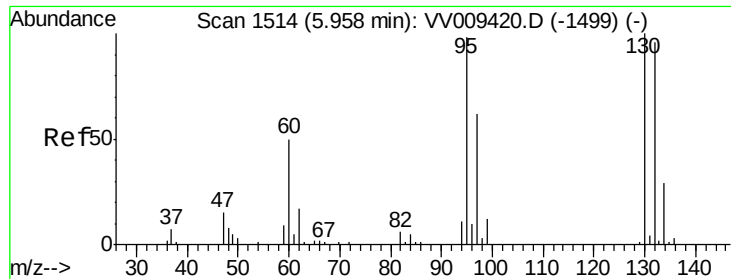
Tgt Ion: 83 Resp: 1577
Ion Ratio Lower Upper
83 100
85 60.0 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.135 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV009427.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 97 Resp: 1395
Ion Ratio Lower Upper
97 100
99 64.0 50.5 75.7
61 51.9 35.1 52.7





#34

Trichloroethene

Concen: 39.852 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

CWJX7

Tgt Ion: 95 Resp: 269463

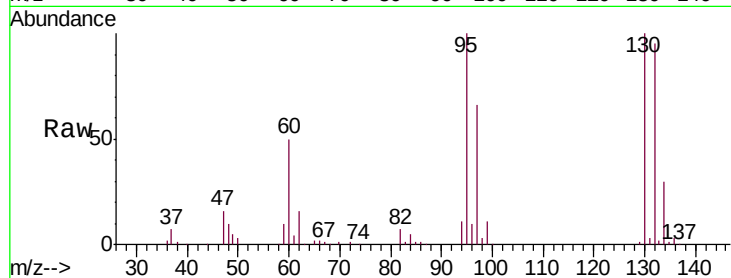
Ion Ratio Lower Upper

95 100

97 66.6 44.2 82.2

132 95.2 67.8 126.0

130 100.5 70.4 130.8

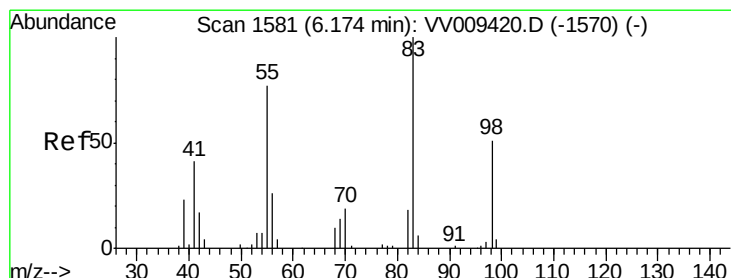
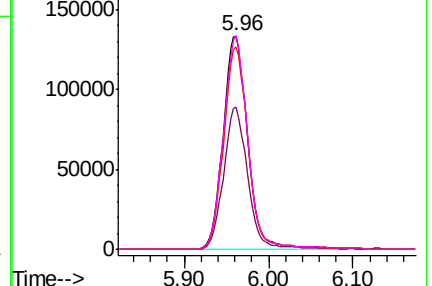
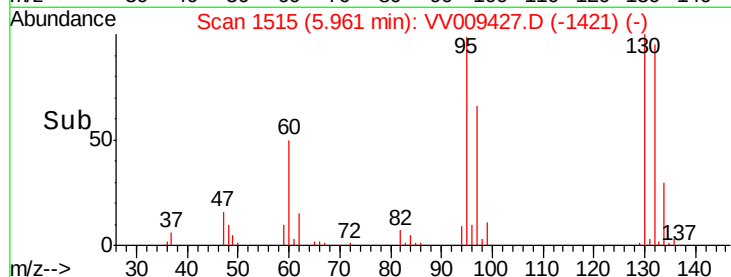


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

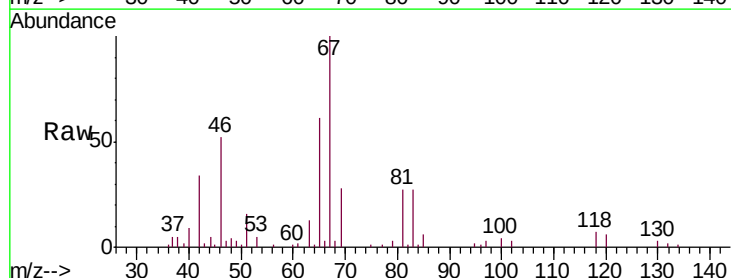
Tgt Ion: 83 Resp: 7871

Ion Ratio Lower Upper

83 100

55 1.2 59.8 89.8#

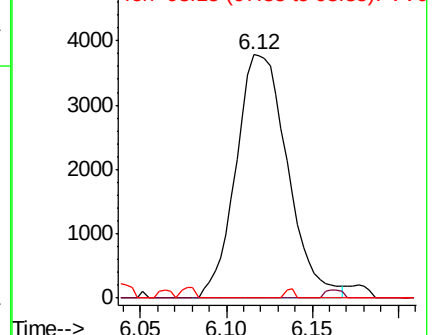
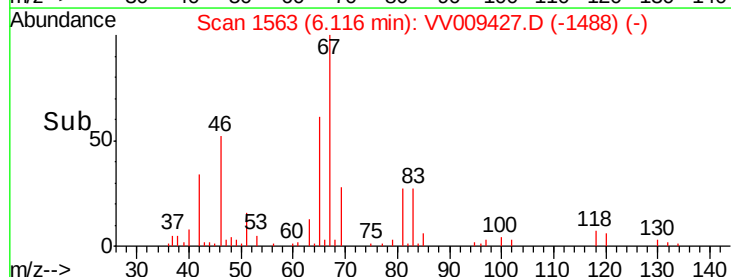
98 0.0 39.9 59.9#

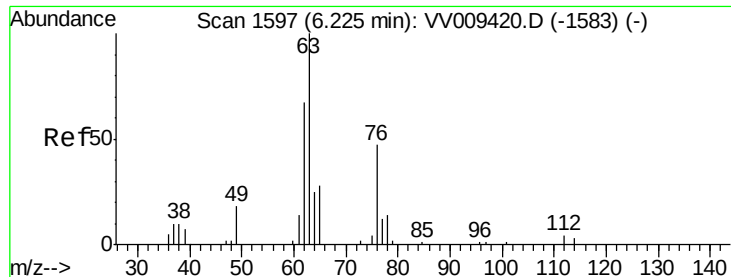


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

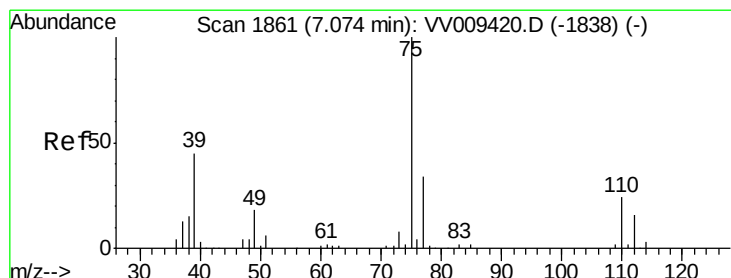
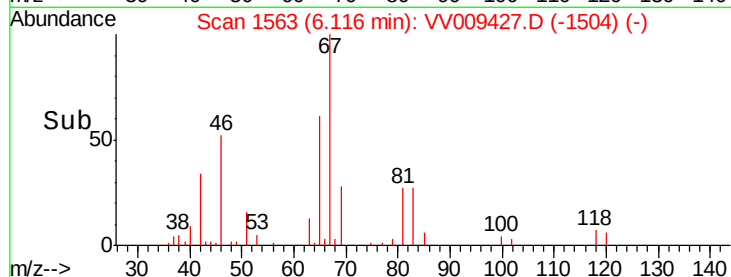
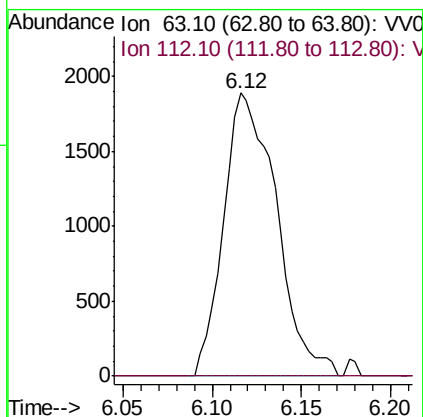
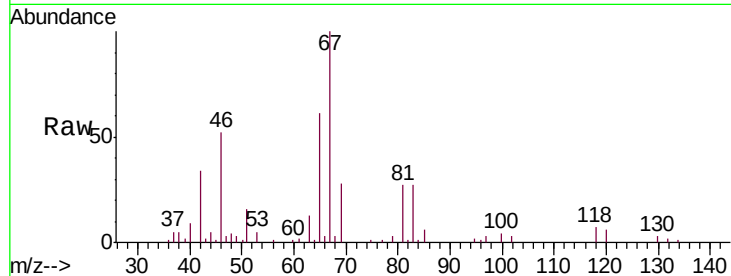




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009427.D
 Acq: 28 Feb 2019 16:56

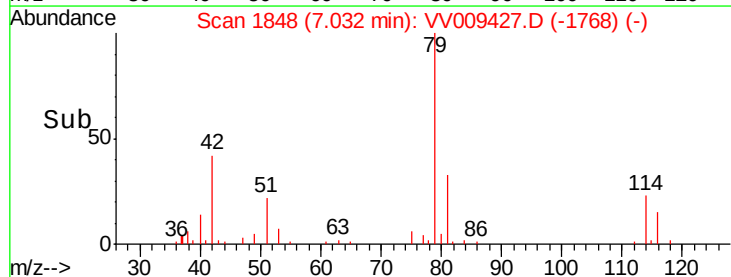
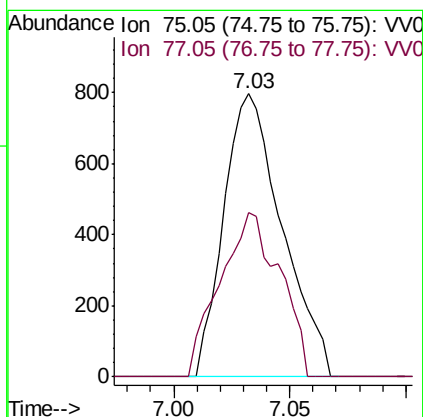
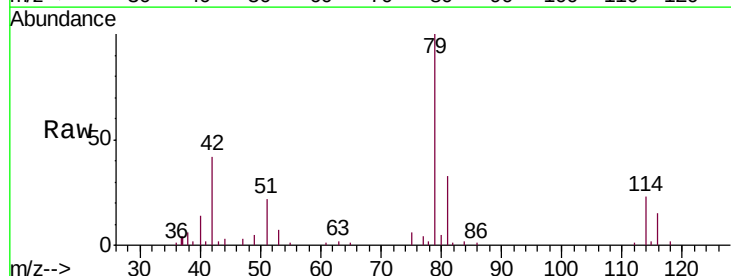
Instrument :
 MSVOA_V
 ClientSampleId :
 CWJX7

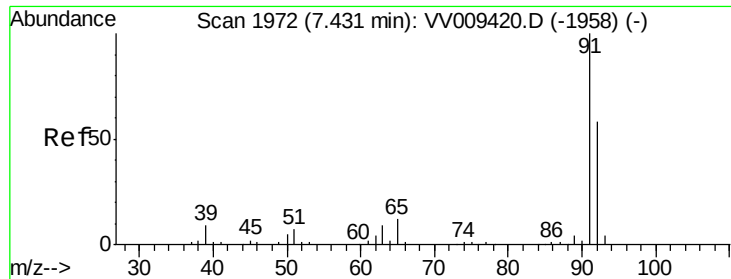
Tgt Ion: 63 Resp: 3893
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.151 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009427.D
 Acq: 28 Feb 2019 16:56

Tgt Ion: 75 Resp: 1392
 Ion Ratio Lower Upper
 75 100
 77 58.2 21.1 39.1#





#42

Toluene

Concen: 0.806 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampled :

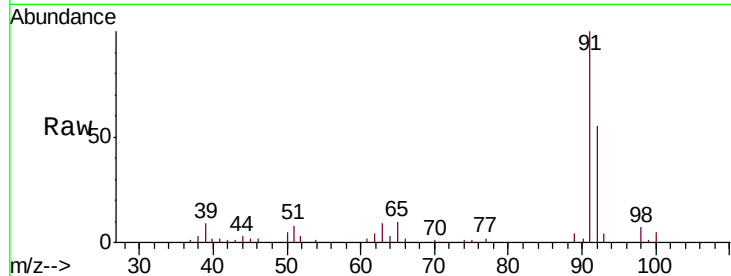
CWJX7

Tgt Ion: 91 Resp: 21976

Ion Ratio Lower Upper

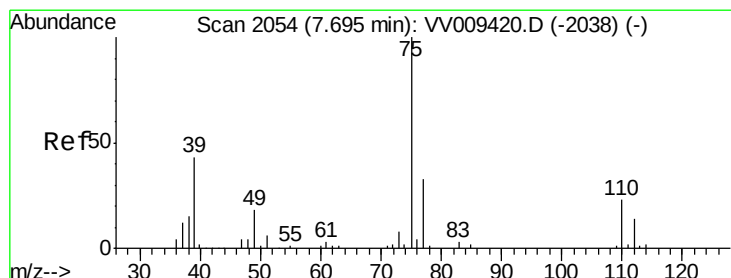
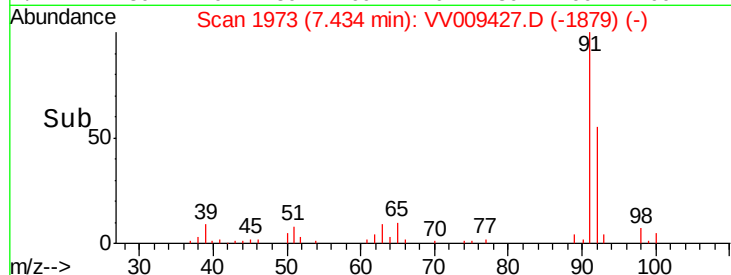
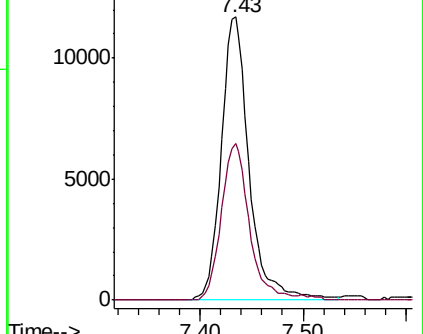
91 100

92 55.4 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009427.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009427.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009427.D

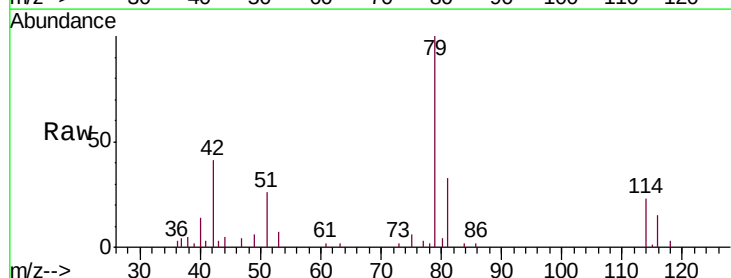
Acq: 28 Feb 2019 16:56

Tgt Ion: 75 Resp: 758

Ion Ratio Lower Upper

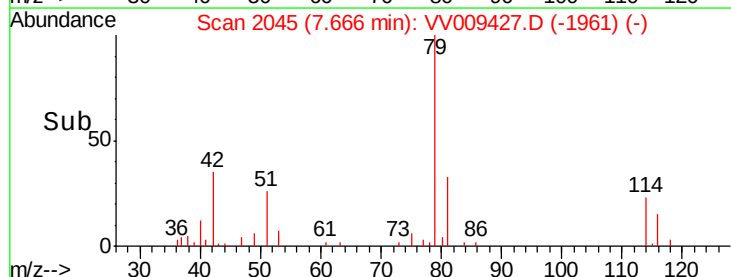
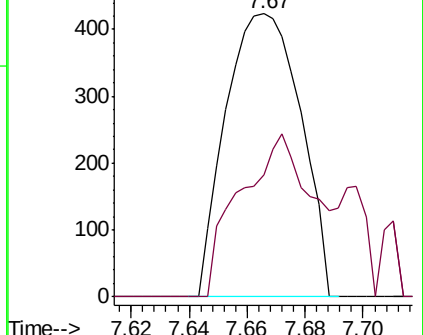
75 100

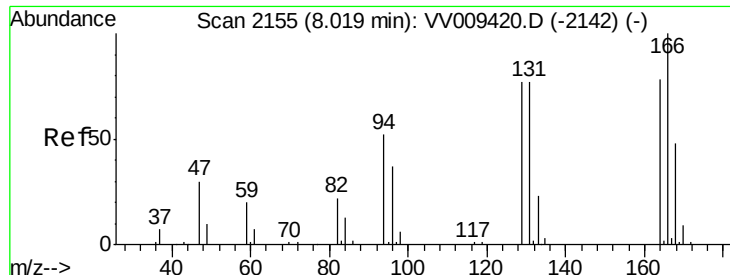
77 43.3 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009427.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV009427.D (-1961) (-)





#47

Tetrachloroethene

Concen: 0.902 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009427.D

Acq: 28 Feb 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

CWJX7

Tgt Ion:164 Resp: 4788

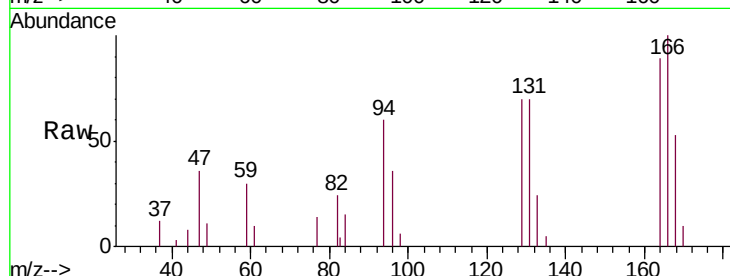
Ion Ratio Lower Upper

164 100

129 79.2 69.3 128.7

131 78.7 64.0 118.8

166 113.0 86.0 159.6

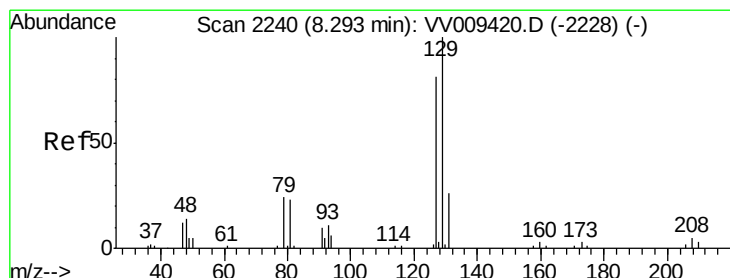
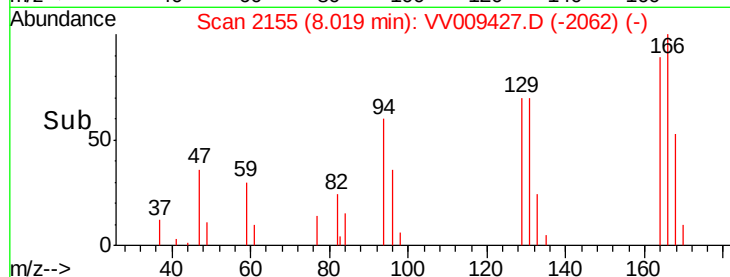
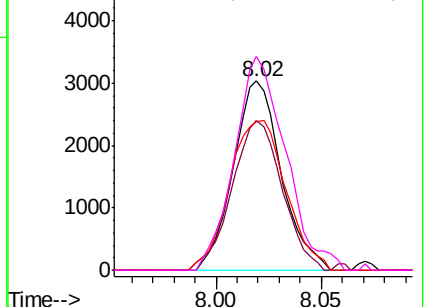


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.689 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009427.D

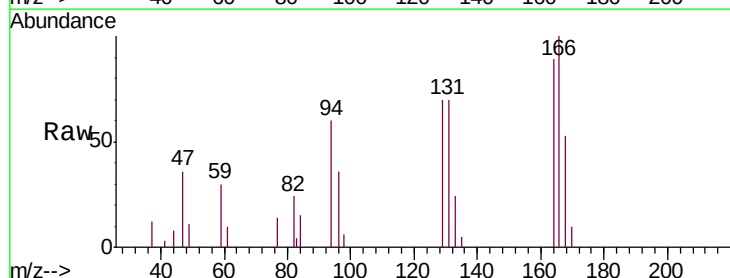
Acq: 28 Feb 2019 16:56

Tgt Ion:129 Resp: 3759

Ion Ratio Lower Upper

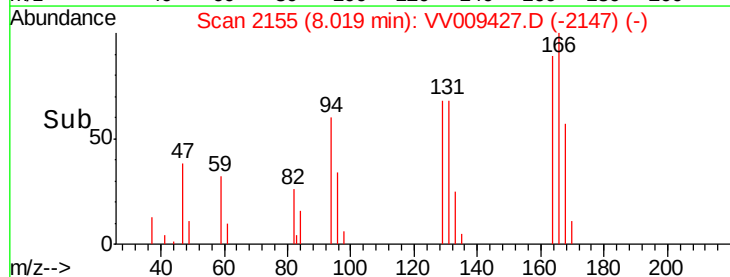
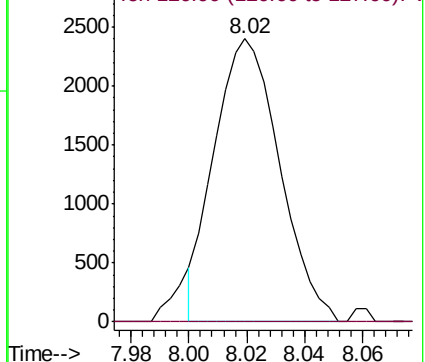
129 100

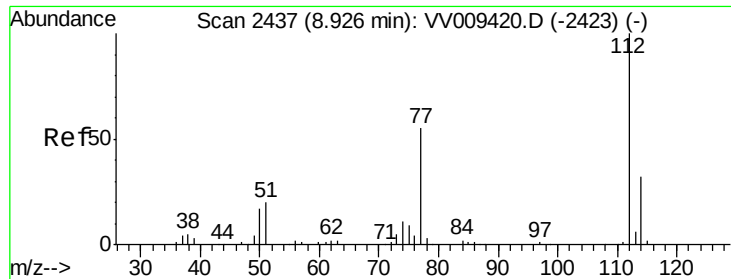
127 0.0 56.6 105.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV009427.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
CWJX7

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.2	43.2
77	63.4	45.7	68.5

