

Data File : VV009433.D
Acq On : 28 Feb 2019 19:31
Operator : SY/MD
Sample : K1599-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJZ6

Quant Time: Mar 01 03:55:33 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	96594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23550	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	20817	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	45120	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.96	46	49746	51.99	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	4.40	84	47819	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	24935	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	101892	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	30664	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	101679	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.67	79	11901	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	46667	54.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22066	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	35752	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

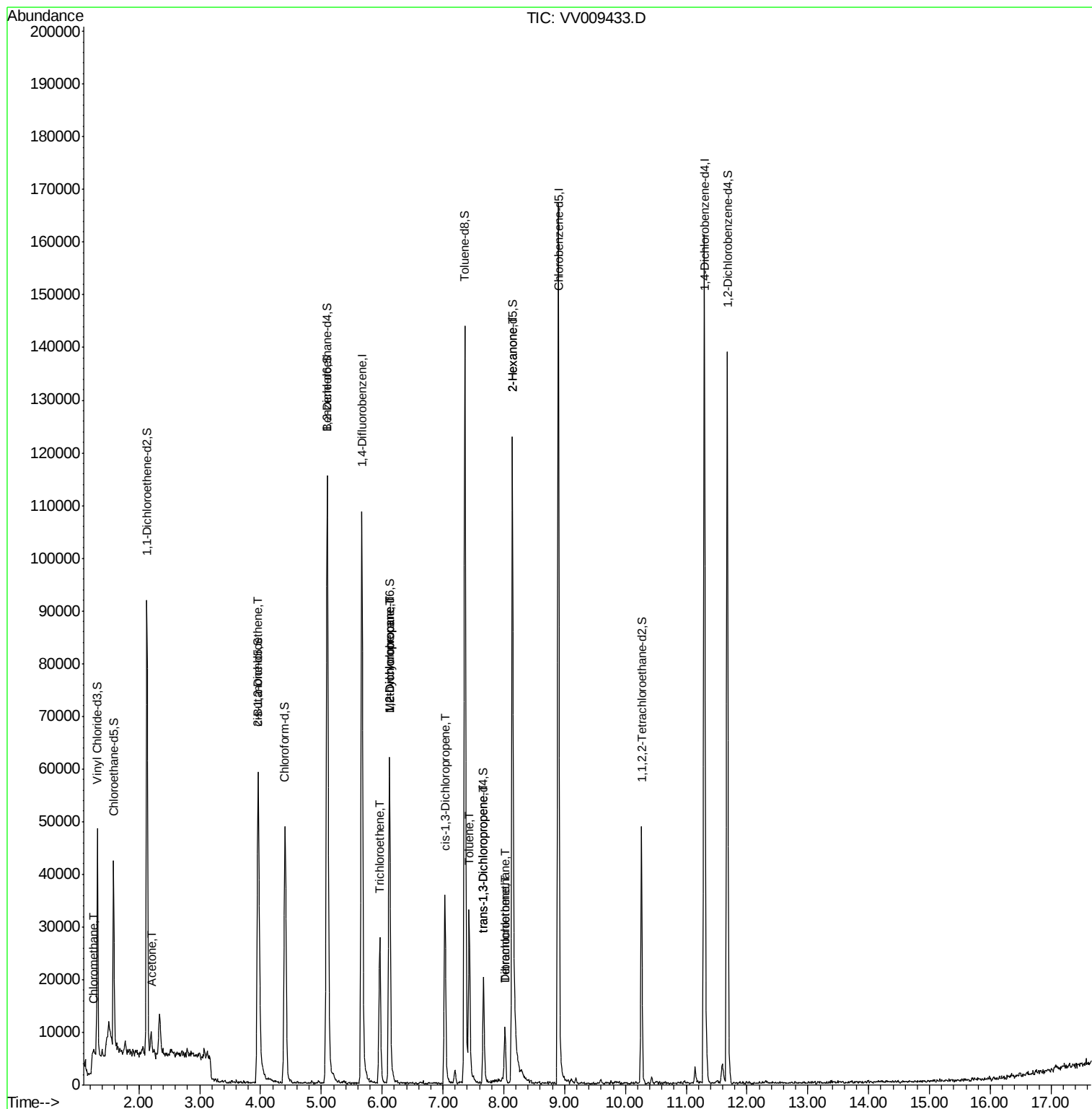
					Qvalue
3) Chloromethane	1.25	50	565	0.090 ug/L #	41
13) Acetone	2.20	43	3414	3.756 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	16525	2.581 ug/L	96
34) Trichloroethene	5.96	95	9677	1.424 ug/L	98
35) Methylcyclohexane	6.12	83	6943	0.622 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3595	0.611 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	980	0.105 ug/L #	53
42) Toluene	7.43	91	23645	0.862 ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	604	0.083 ug/L #	45
47) Tetrachloroethene	8.02	164	2129	0.399 ug/L	91
48) 2-Hexanone	8.14	43	5990	2.832 ug/L #	77
49) Dibromochloromethane	8.02	129	2098	0.382 ug/L #	9

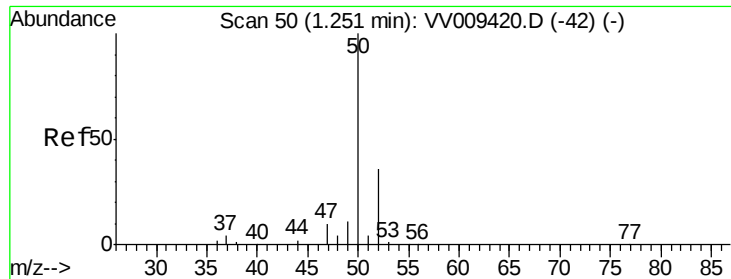
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009433.D

Acq: 28 Feb 2019 19:31

Instrument :

MSVOA_V

ClientSampled :

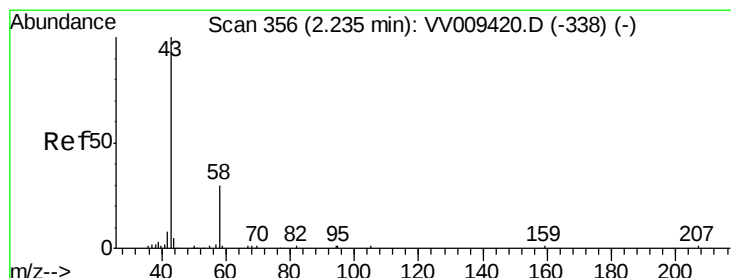
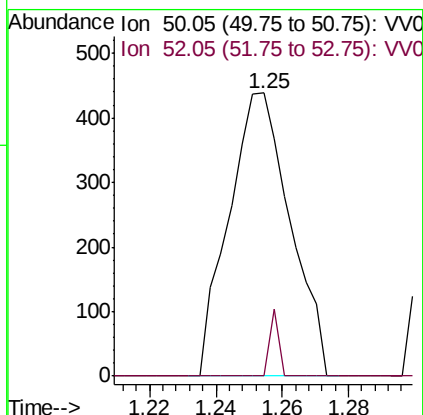
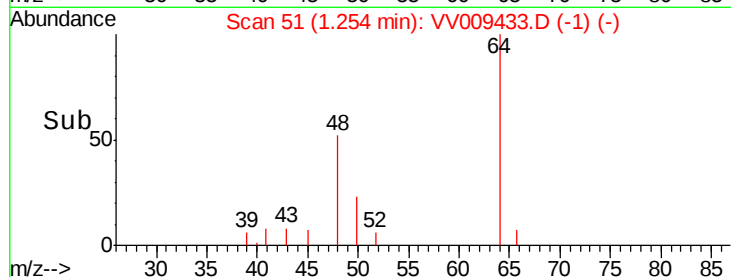
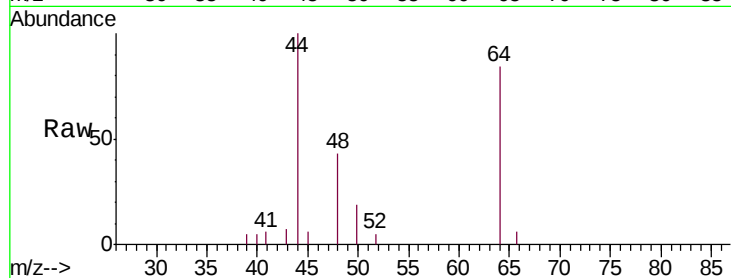
CWJZ6

Tgt Ion: 50 Resp: 565

Ion Ratio Lower Upper

50 100

52 0.0 23.5 43.7#



#13

Acetone

Concen: 3.756 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV009433.D

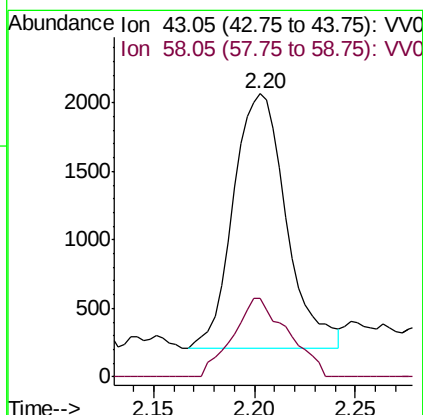
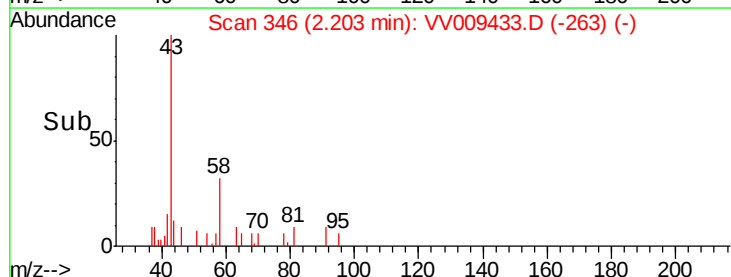
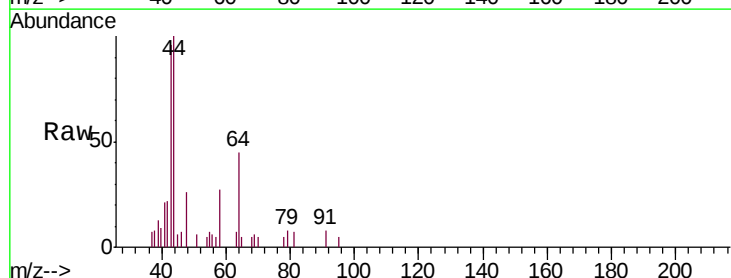
Acq: 28 Feb 2019 19:31

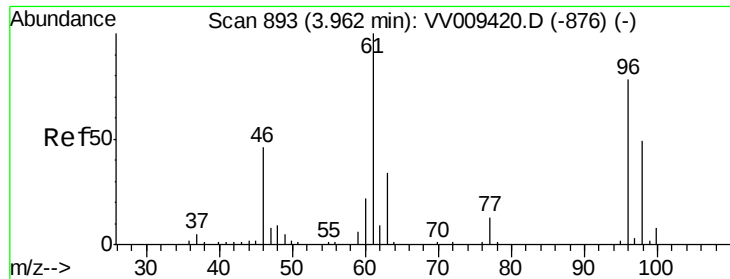
Tgt Ion: 43 Resp: 3414

Ion Ratio Lower Upper

43 100

58 32.0 0.0 62.0



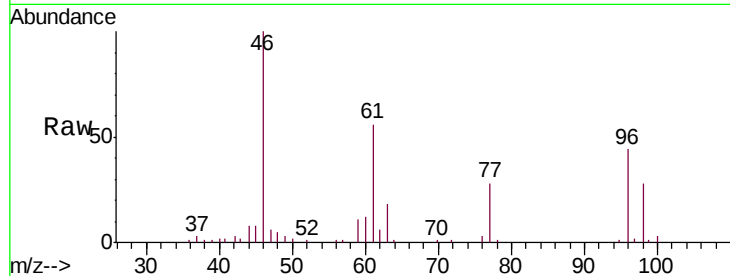


#22

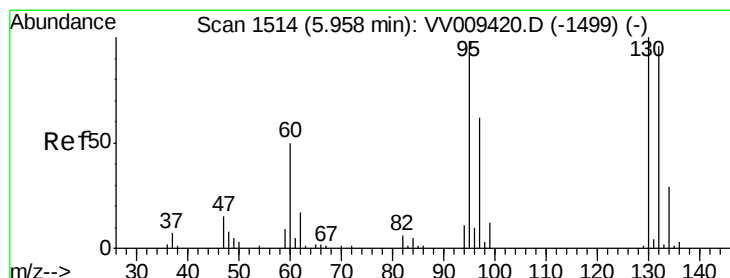
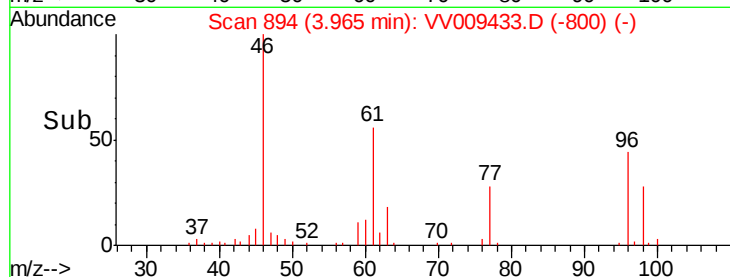
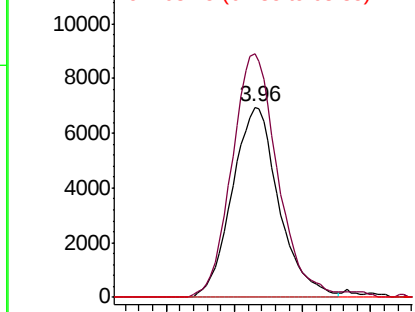
cis-1,2-Dichloroethene
Concen: 2.581 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009433.D
Acq: 28 Feb 2019 19:31

Instrument :
MSVOA_V
ClientSampleId :
CWJZ6

Tgt Ion: 96 Resp: 16525
Ion Ratio Lower Upper
96 100
61 127.9 86.0 159.8
68 0.0 0.0 0.0



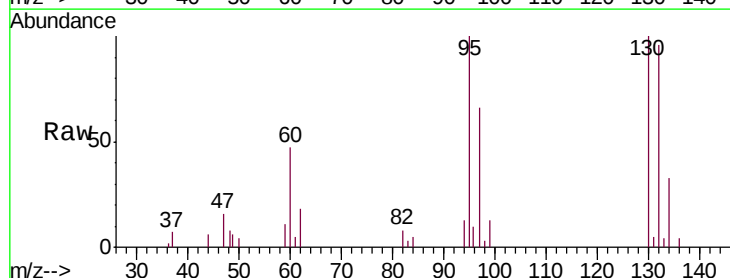
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



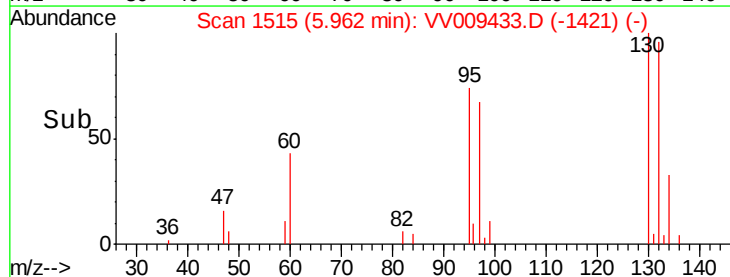
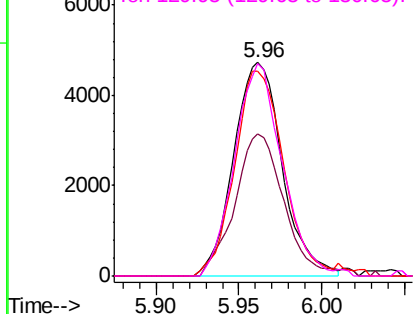
#34

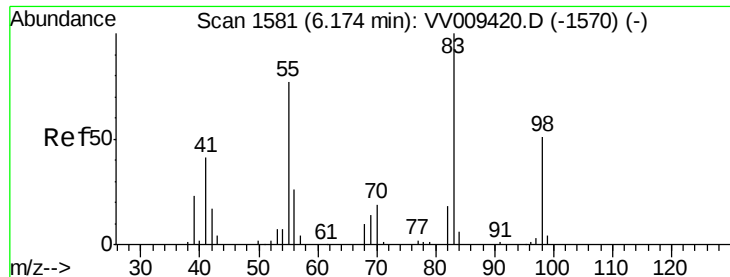
Trichloroethene
Concen: 1.424 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009433.D
Acq: 28 Feb 2019 19:31

Tgt Ion: 95 Resp: 9677
Ion Ratio Lower Upper
95 100
97 66.4 44.2 82.2
132 95.8 67.8 126.0
130 99.6 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): VV0
Ion 129.95 (129.65 to 130.65): VV0

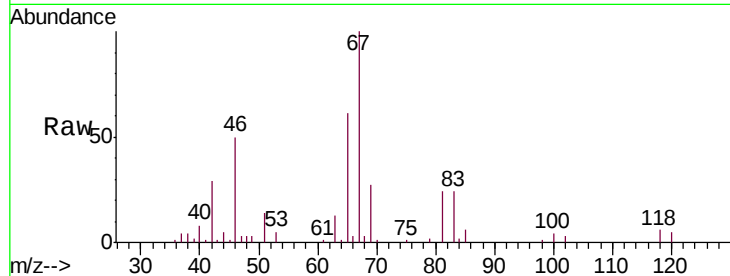




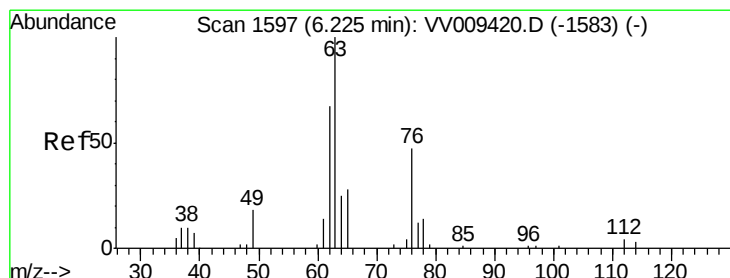
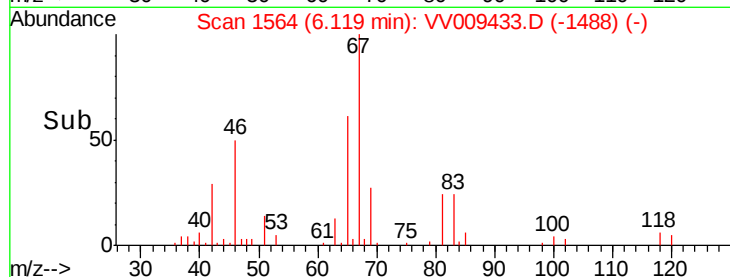
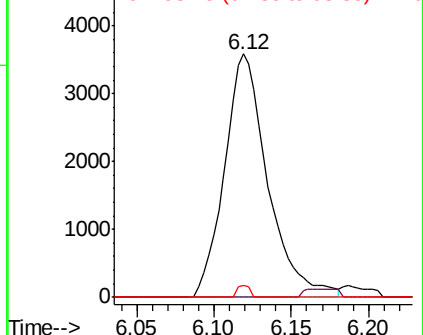
#35
Methylcyclohexane
Concen: 0.622 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009433.D
Acq: 28 Feb 2019 19:31

Instrument :
MSVOA_V
ClientSampleId :
CWJZ6

Tgt Ion: 83 Resp: 6943
Ion Ratio Lower Upper
83 100
55 1.3 59.8 89.8#
98 1.4 39.9 59.9#

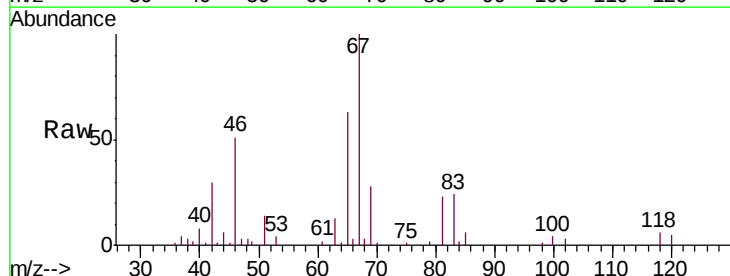


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

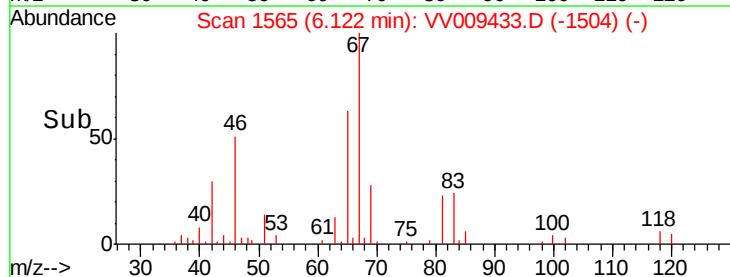
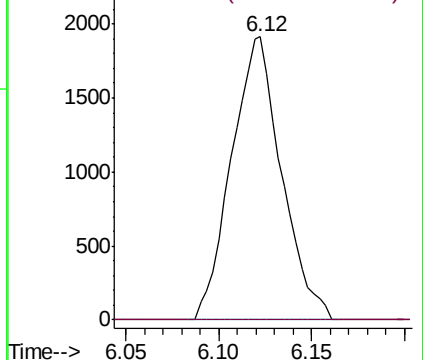


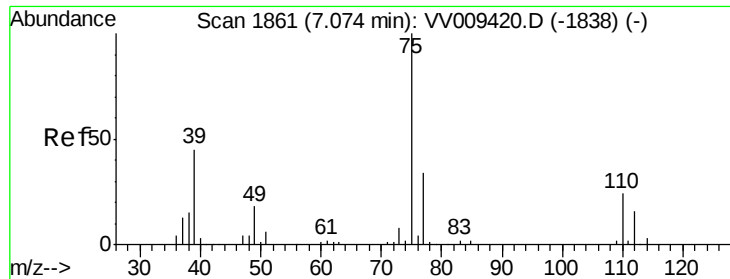
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009433.D
Acq: 28 Feb 2019 19:31

Tgt Ion: 63 Resp: 3595
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

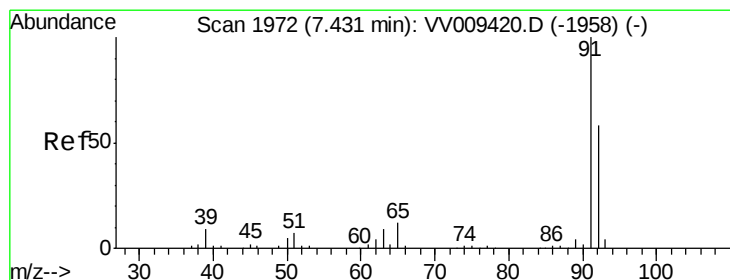
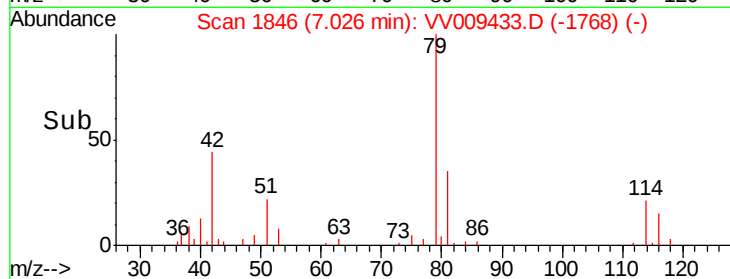
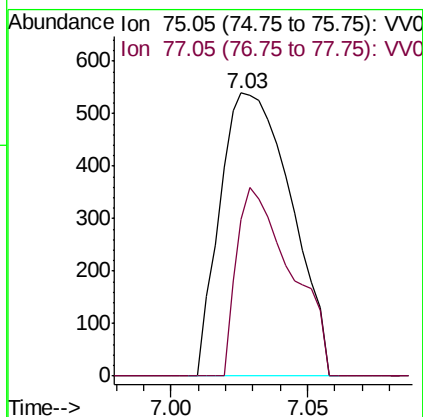
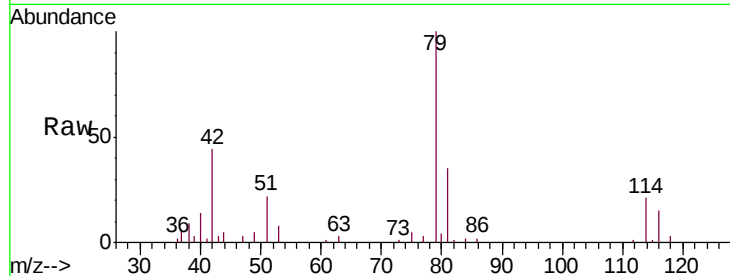




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009433.D
 Acq: 28 Feb 2019 19:31

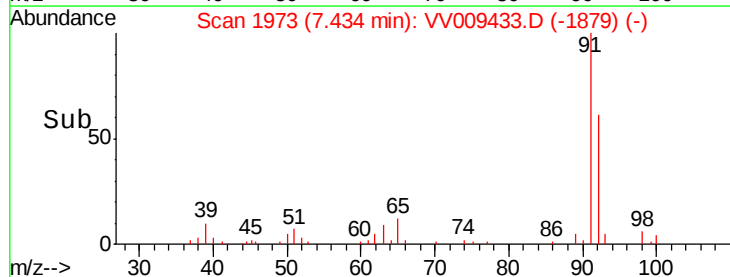
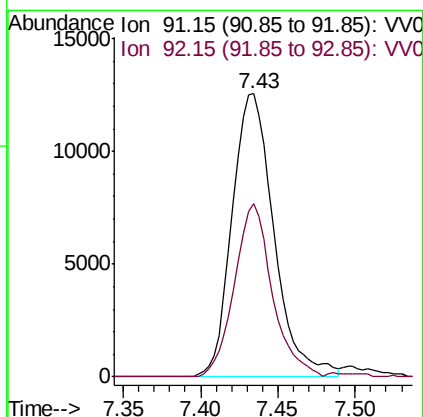
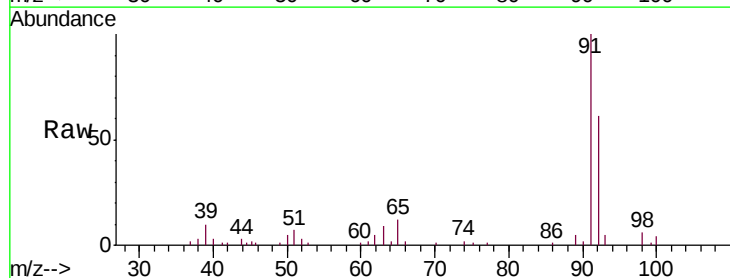
Instrument :
 MSVOA_V
 ClientSampleId :
 CWJZ6

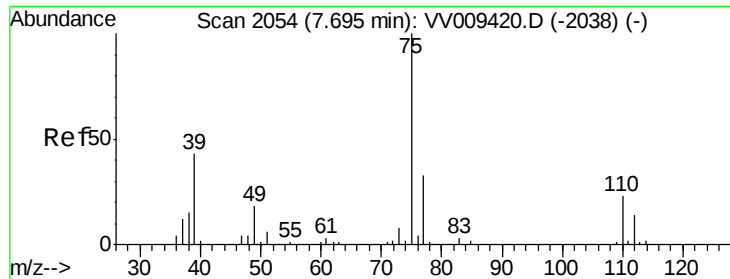
Tgt Ion: 75 Resp: 980
 Ion Ratio Lower Upper
 75 100
 77 55.5 21.1 39.1#



#42
 Toluene
 Concen: 0.862 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009433.D
 Acq: 28 Feb 2019 19:31

Tgt Ion: 91 Resp: 23645
 Ion Ratio Lower Upper
 91 100
 92 61.1 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009433.D

Acq: 28 Feb 2019 19:31

Instrument :

MSVOA_V

ClientSampleId :

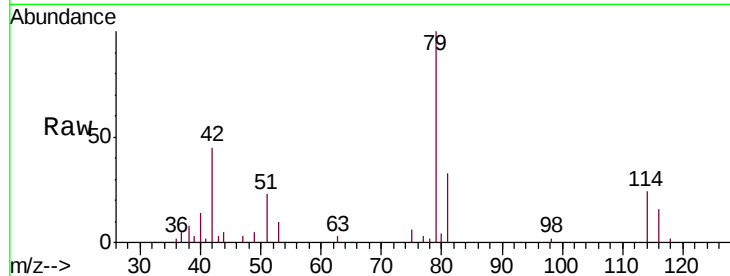
CWJZ6

Tgt Ion: 75 Resp: 604

Ion Ratio Lower Upper

75 100

77 62.2 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009420.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV009420.D (-2038) (-)

7.67

400

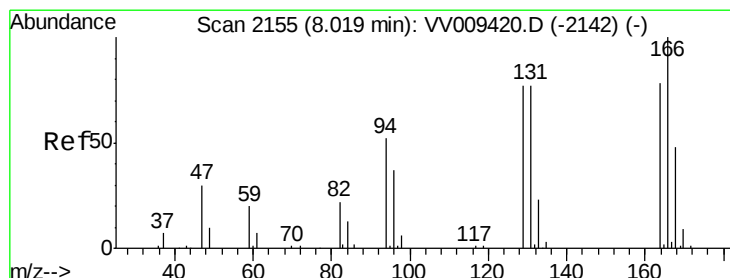
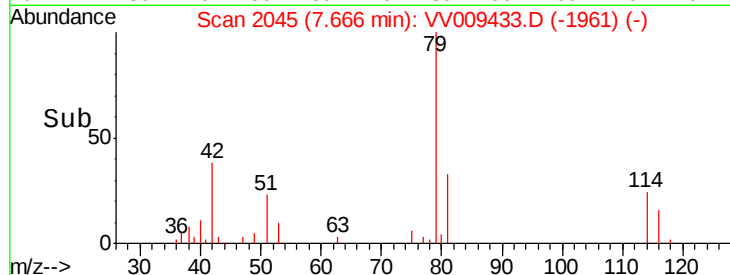
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 0.399 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009433.D

Acq: 28 Feb 2019 19:31

Tgt Ion: 164 Resp: 2129

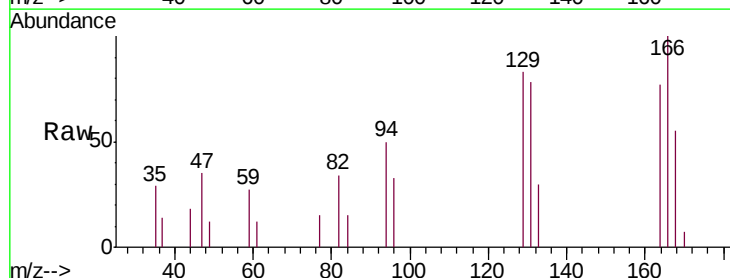
Ion Ratio Lower Upper

164 100

129 108.0 69.3 128.7

131 101.4 64.0 118.8

166 130.6 86.0 159.6



Abundance Ion 163.90 (163.60 to 164.60): VV009420.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV009420.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV009420.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV009420.D (-2142) (-)

2500

2000

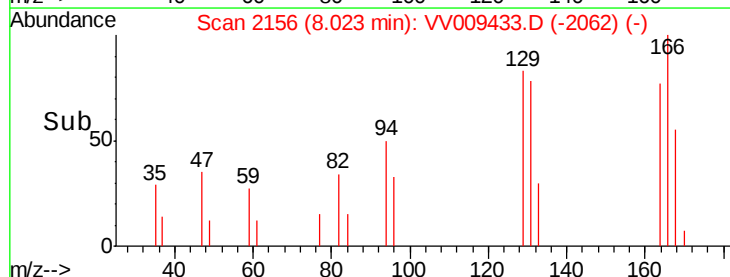
1500

1000

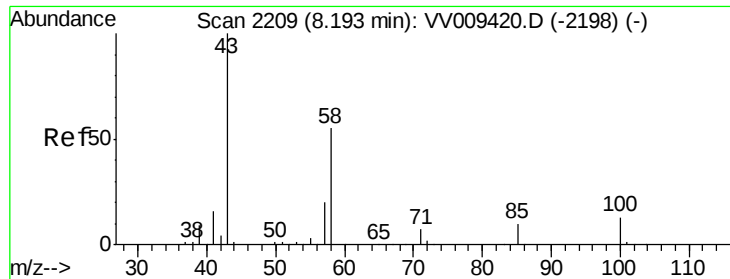
500

0

Time-->



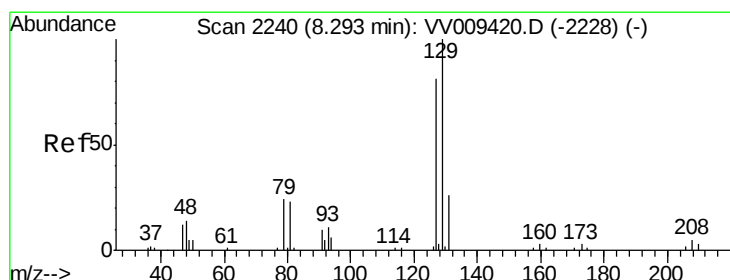
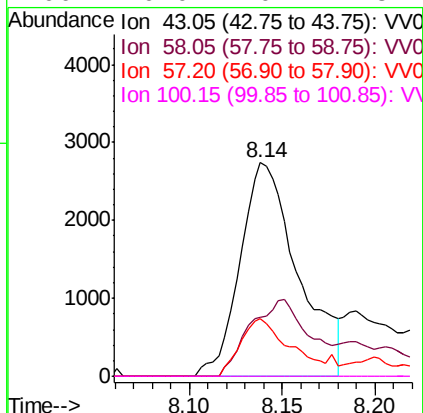
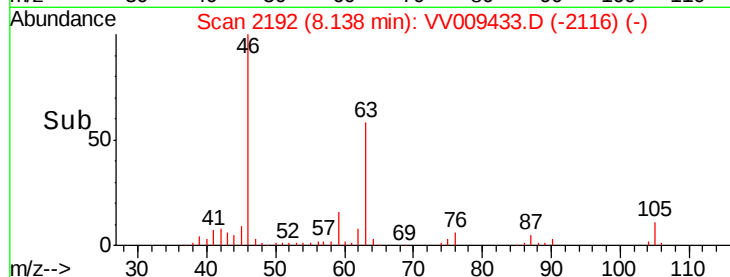
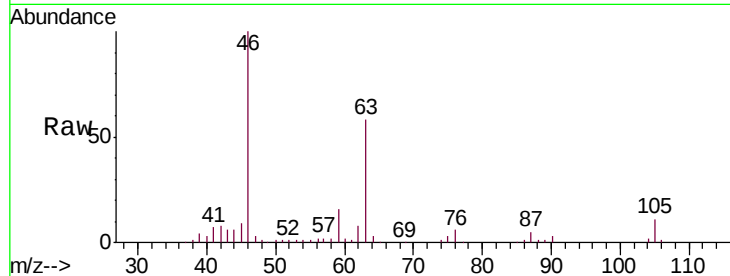
8.02



#48
2-Hexanone
Concen: 2.832 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 5990
Ion Ratio Lower Upper
43 100
58 36.8 45.2 67.8#
57 23.2 16.0 24.0
100 0.0 10.2 15.4#



#49
Dibromochloromethane
Concen: 0.382 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009433.D
Acq: 28 Feb 2019 19:31

Tgt Ion: 129 Resp: 2098
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#

