

Data File : VV009426.D
Acq On : 28 Feb 2019 16:31
Operator : SY/MD
Sample : K1599-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJW9

Quant Time: Mar 01 03:54:13 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	97451	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24798	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	21964	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	47614	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	53645	55.58	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	4.40	84	49804	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	25720	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	105648	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	31952	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	101712	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	12656	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	47037	55.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23525	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	37359	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

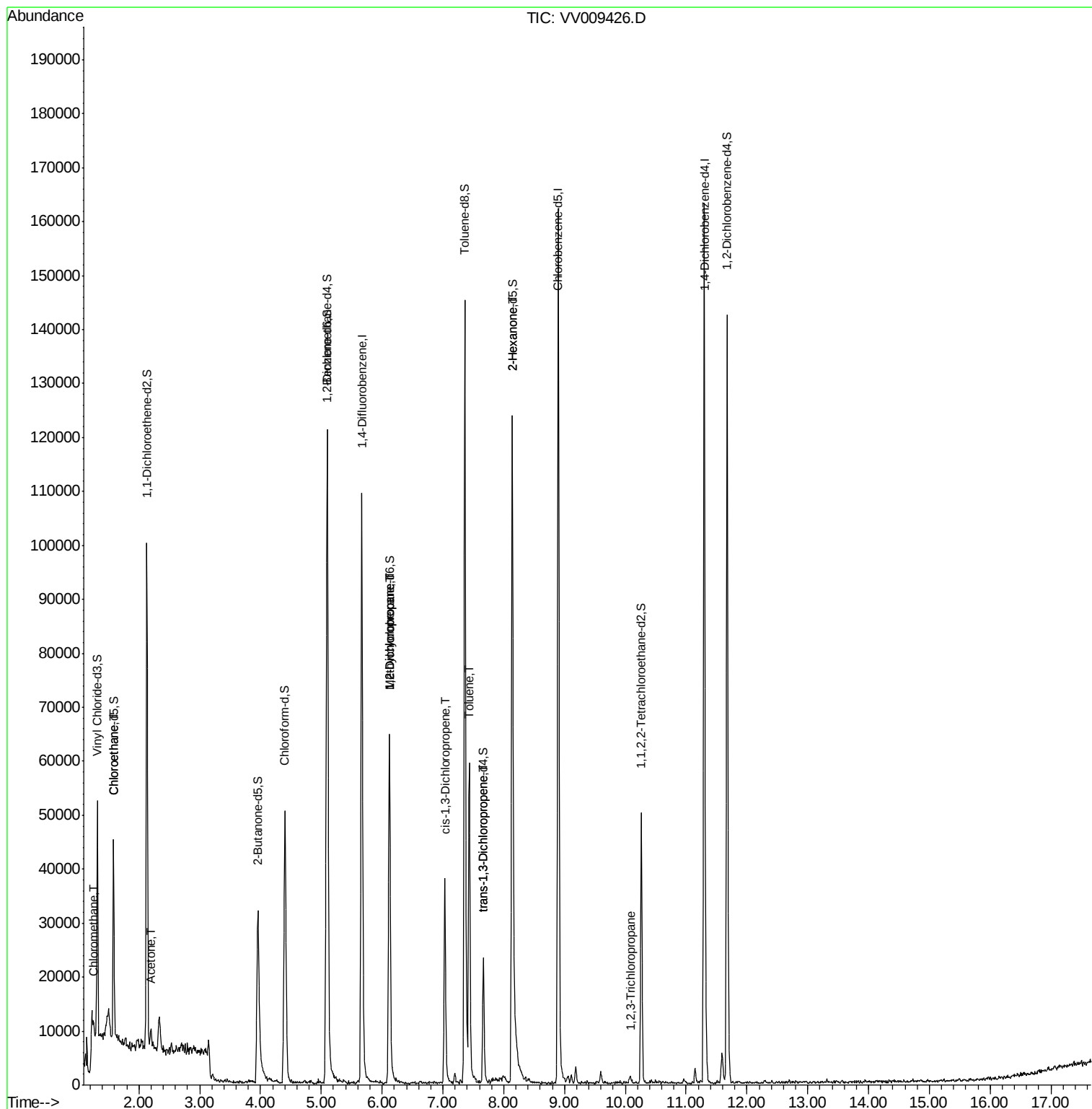
					Qvalue	
3) Chloromethane	1.25	50	1809	0.285	ug/L	86
8) Chloroethane	1.59	64	1029	0.223	ug/L #	57
13) Acetone	2.20	43	2657	2.898	ug/L	95
35) Methylcyclohexane	6.12	83	7768	0.705	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3737	0.643	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1091	0.119	ug/L #	51
42) Toluene	7.43	91	42953	1.587	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	641	0.090	ug/L #	42
48) 2-Hexanone	8.14	43	5903	2.827	ug/L #	72
59) 1,2,3-Trichloropropane	10.08	75	1198	0.354	ug/L #	43

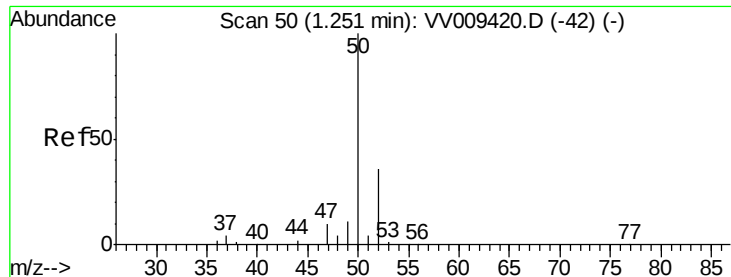
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.285 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009426.D

Acq: 28 Feb 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

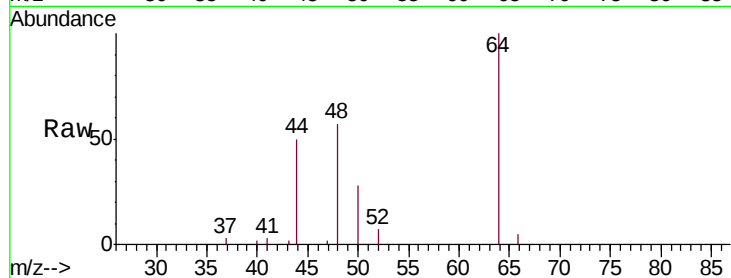
CWJW9

Tgt Ion: 50 Resp: 1809

Ion Ratio Lower Upper

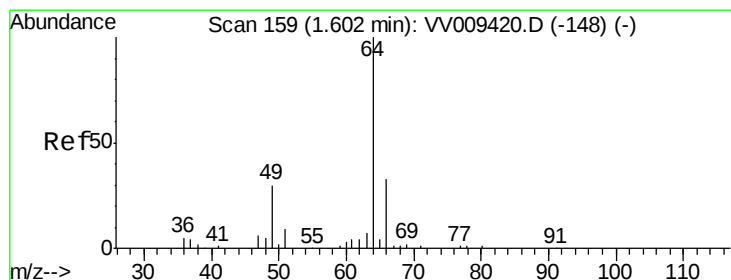
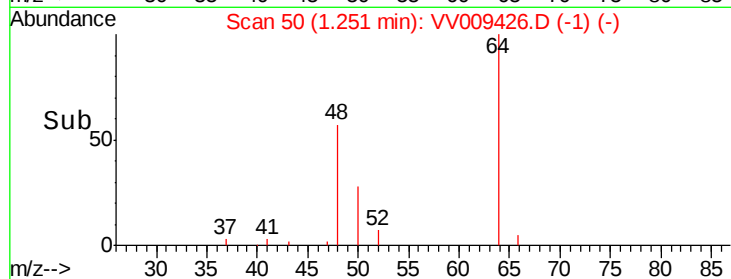
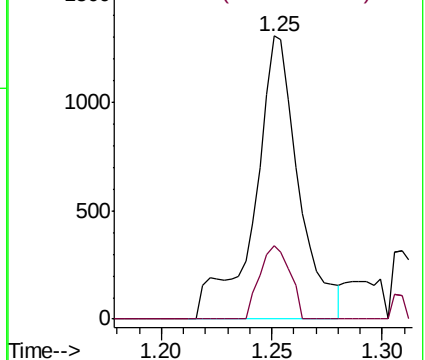
50 100

52 25.9 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV009426.D

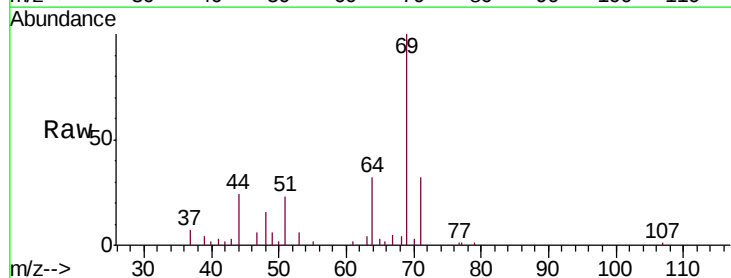
Acq: 28 Feb 2019 16:31

Tgt Ion: 64 Resp: 1029

Ion Ratio Lower Upper

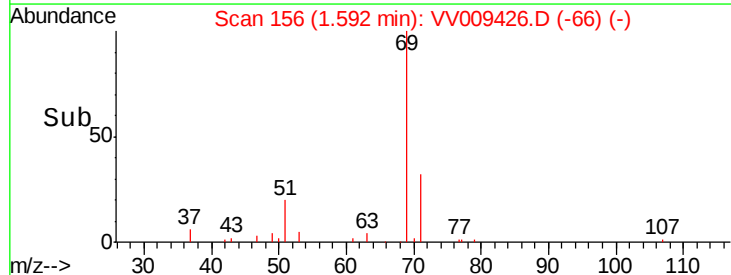
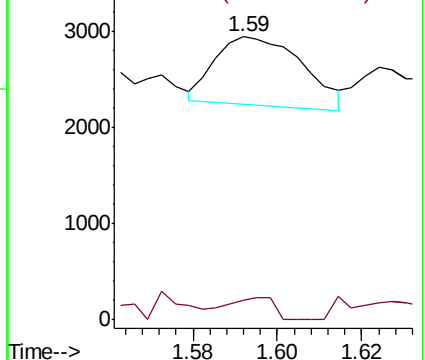
64 100

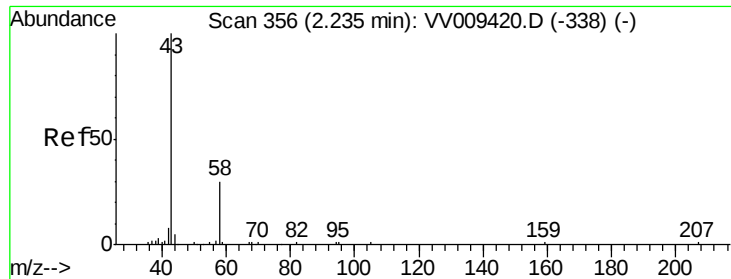
66 7.0 21.3 39.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.898 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV009426.D

Acq: 28 Feb 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

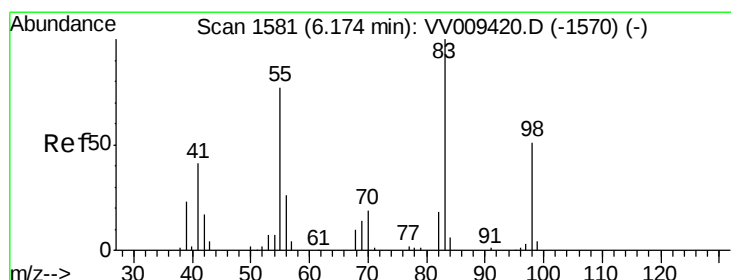
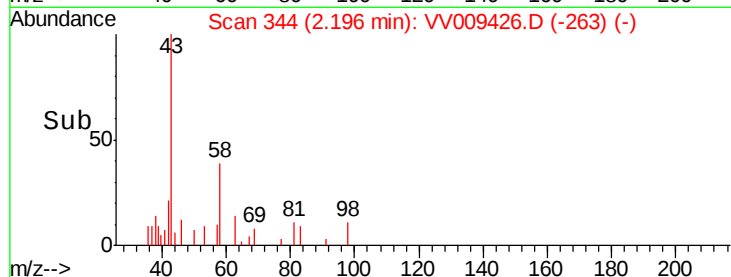
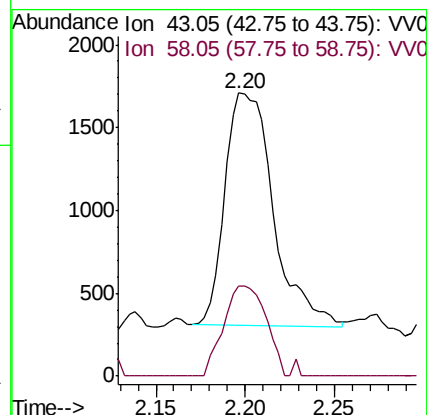
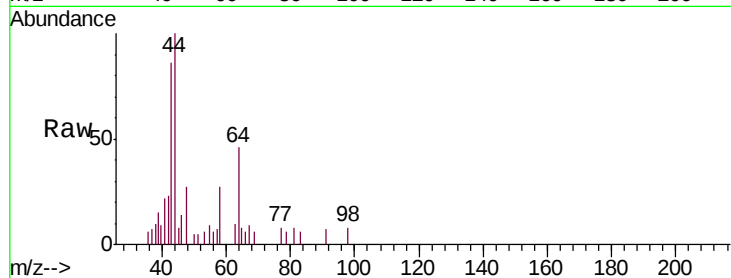
CWJW9

Tgt Ion: 43 Resp: 2657

Ion Ratio Lower Upper

43 100

58 33.9 0.0 62.0



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009426.D

Acq: 28 Feb 2019 16:31

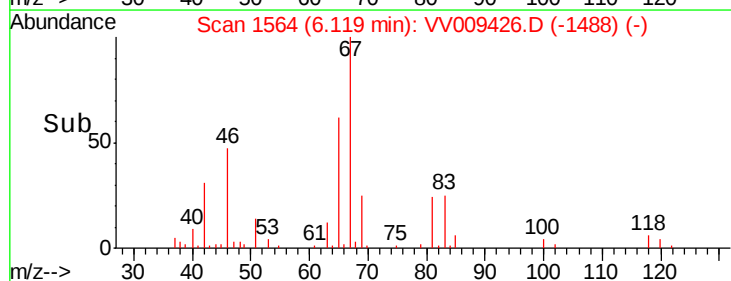
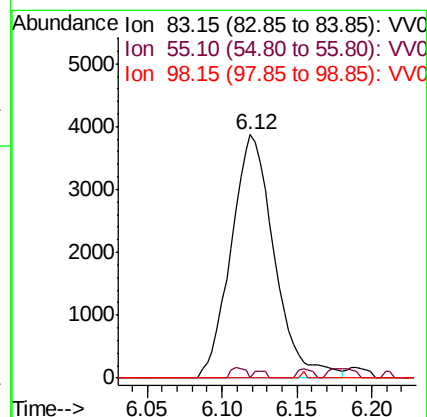
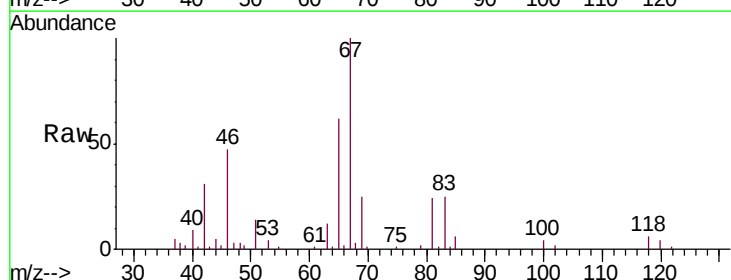
Tgt Ion: 83 Resp: 7768

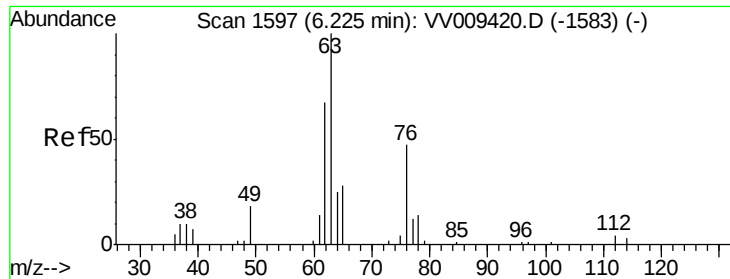
Ion Ratio Lower Upper

83 100

55 0.8 59.8 89.8#

98 0.0 39.9 59.9#

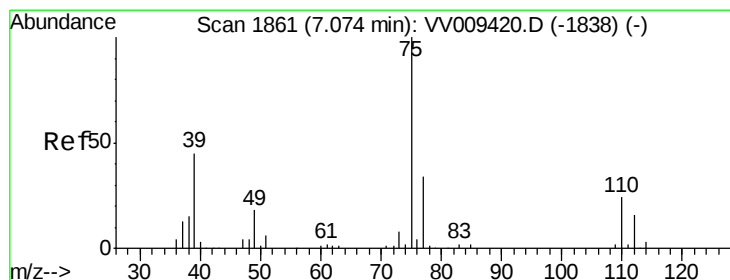
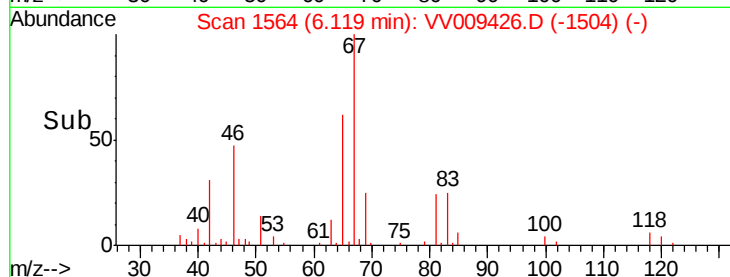
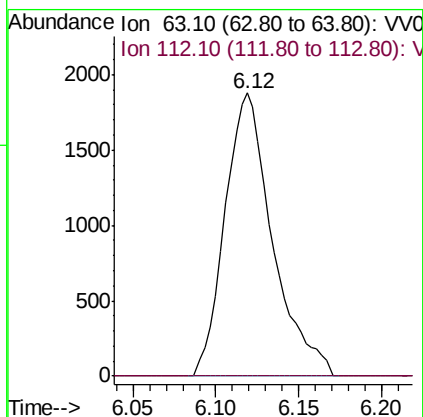
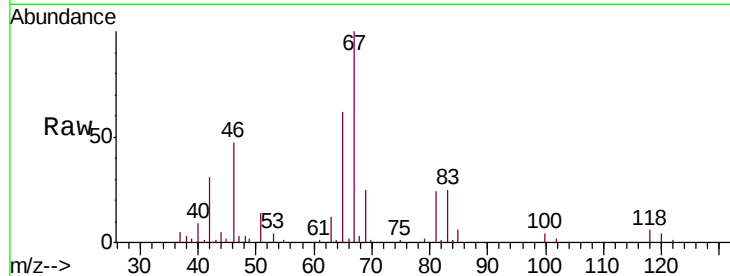




#37
 1,2-Dichloropropane
 Concen: 0.643 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV009426.D
 Acq: 28 Feb 2019 16:31

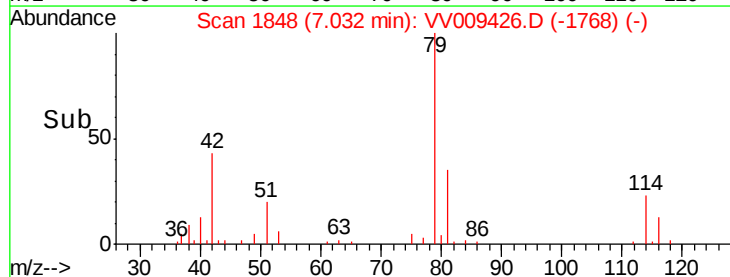
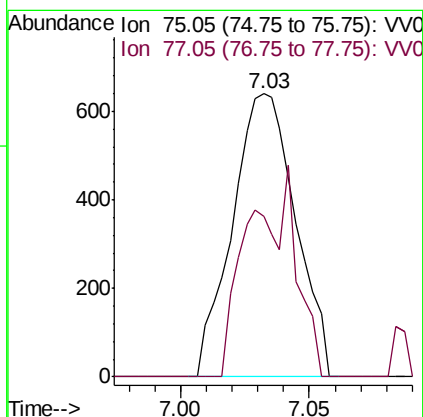
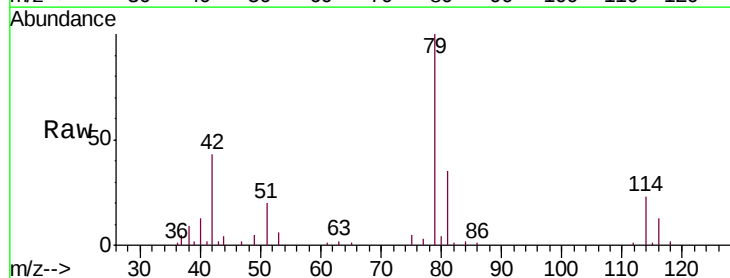
Instrument :
 MSVOA_V
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 CWJW9

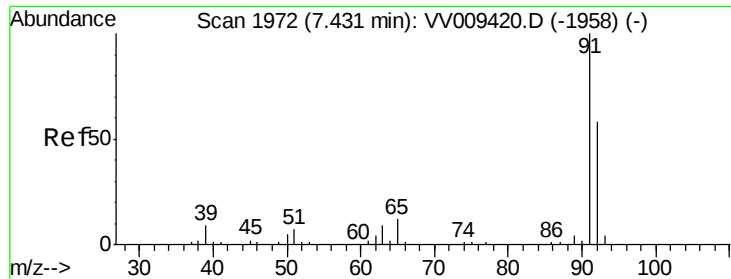
Tgt Ion: 63 Resp: 3737
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009426.D
 Acq: 28 Feb 2019 16:31

Tgt Ion: 75 Resp: 1091
 Ion Ratio Lower Upper
 75 100
 77 56.7 21.1 39.1#





#42

Toluene

Concen: 1.587 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009426.D

Acq: 28 Feb 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

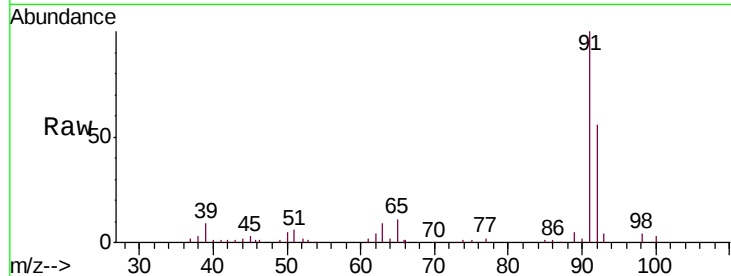
CWJW9

Tgt Ion: 91 Resp: 42953

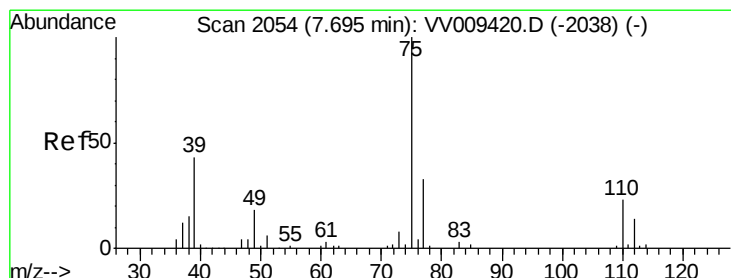
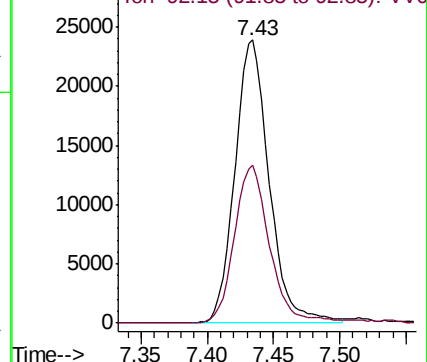
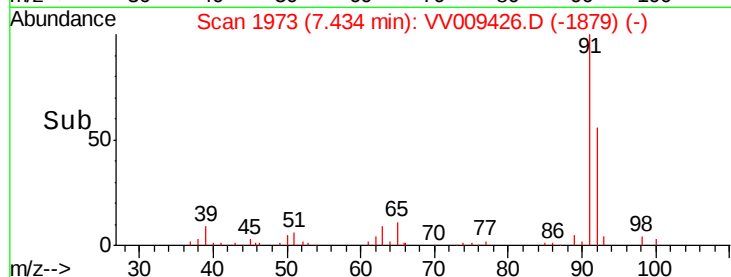
Ion Ratio Lower Upper

91 100

92 55.7 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009426.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV009426.D

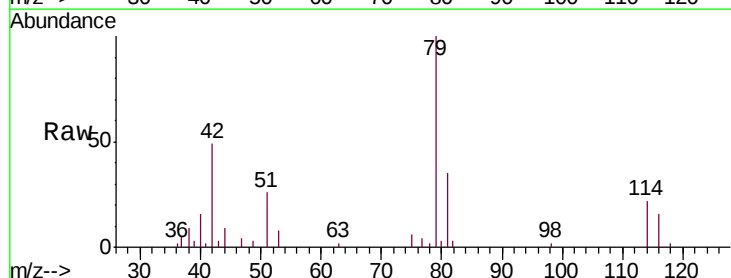
Acq: 28 Feb 2019 16:31

Tgt Ion: 75 Resp: 641

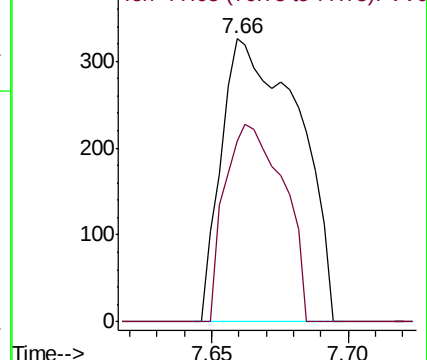
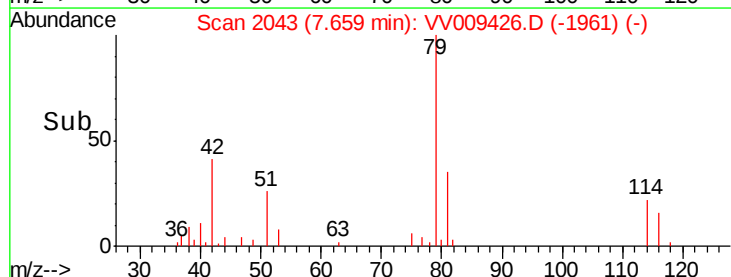
Ion Ratio Lower Upper

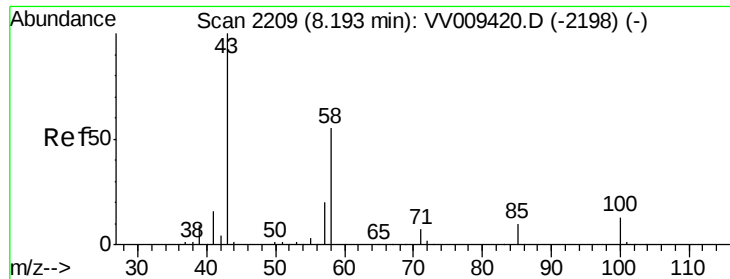
75 100

77 63.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009426.D (-1961) (-)

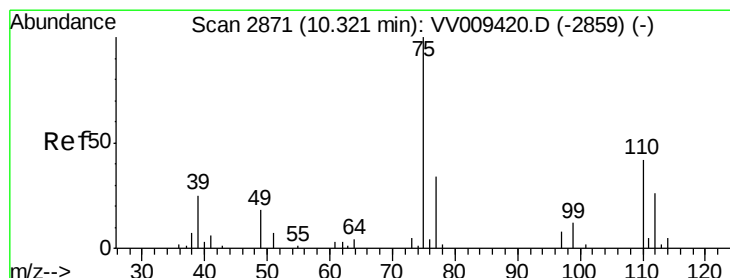
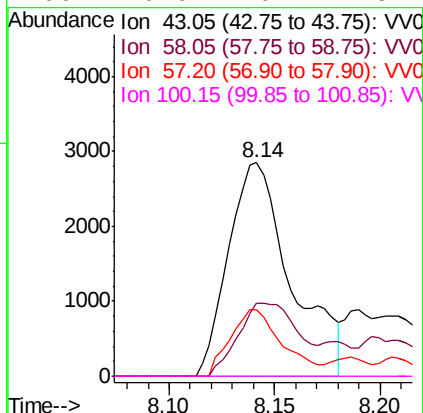
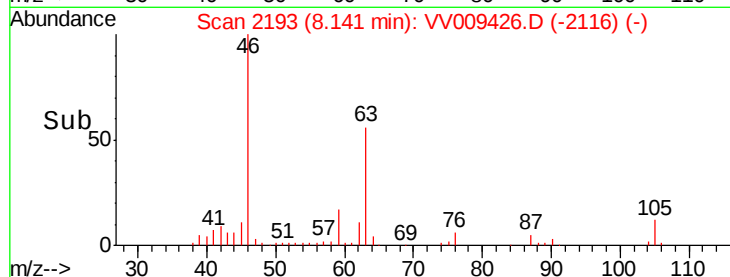
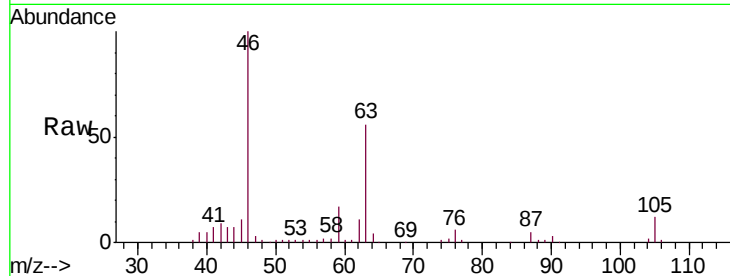




#48
2-Hexanone
Concen: 2.827 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV009426.D
Acq: 28 Feb 2019 16:31

Instrument :
MSVOA_V
ClientSampleId :
CWJW9

Tgt Ion: 43 Resp: 5903
Ion Ratio Lower Upper
43 100
58 33.2 45.2 67.8#
57 25.7 16.0 24.0#
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 0.354 ug/L
RT: 10.08 min Scan# 2795
Delta R.T. -0.24 min
Lab File: VV009426.D
Acq: 28 Feb 2019 16:31

Tgt Ion: 75 Resp: 1198
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

