

Data File : VV011264.D
Acq On : 07 Jun 2019 01:34
Operator : SY/MD
Sample : VV0606WBL02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK48

Quant Time: Jun 07 02:54:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47550	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.56	69	41206	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.12	63	72166	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.94	46	157321	62.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.00%
24) Chloroform-d	4.40	84	96850	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	56527	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.09	84	188040	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	60634	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	158499	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	19930	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.13	63	120875	62.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45001	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	54164	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

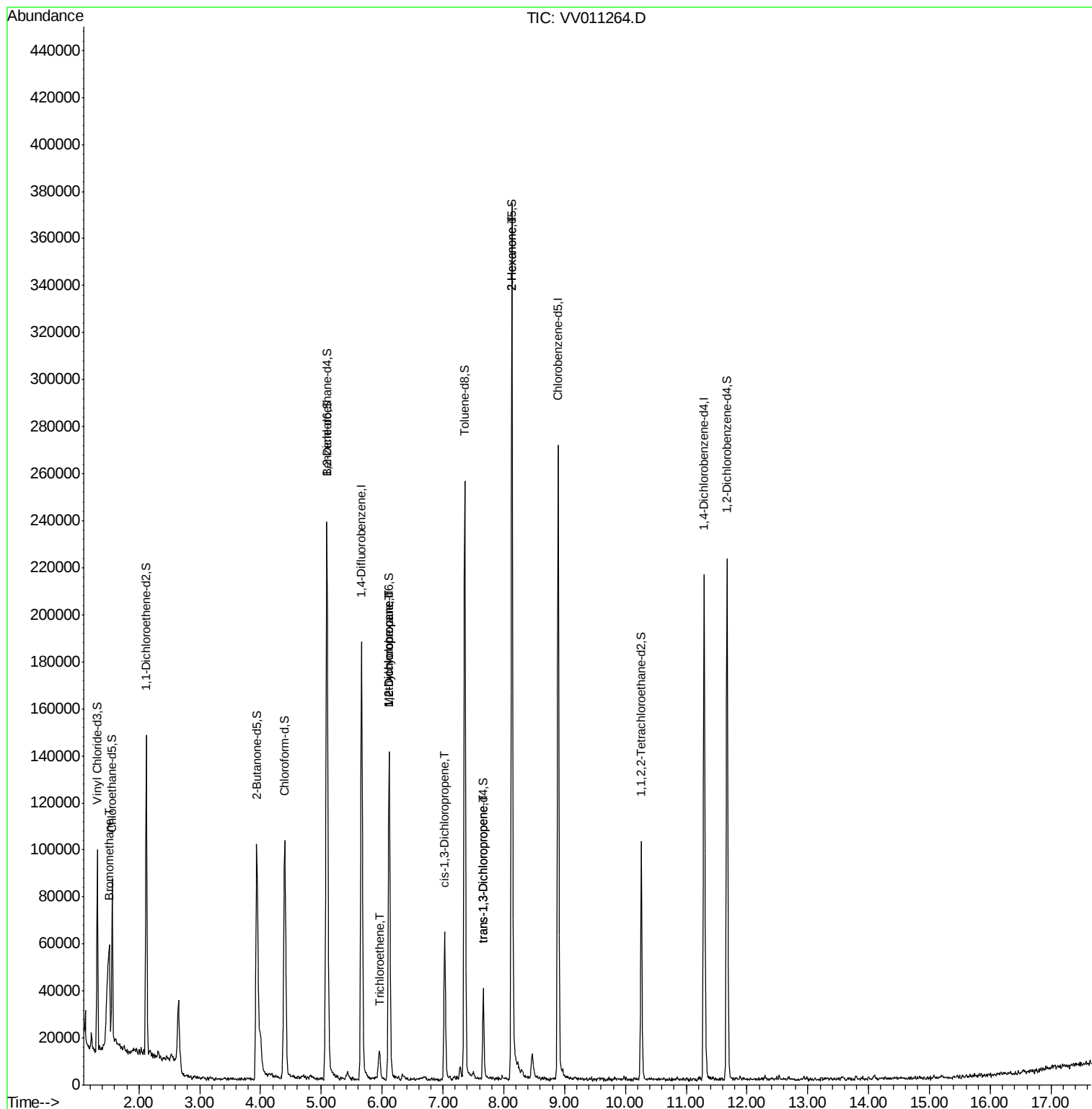
					Qvalue
6) Bromomethane	1.51	94	1021	0.143 ug/L	87
34) Trichloroethene	5.96	95	3176	0.296 ug/L	92
35) Methylcyclohexane	6.12	83	14176	0.798 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7556	0.730 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1729	0.114 ug/L	84
44) trans-1,3-Dichloropropene	7.66	75	1285	0.112 ug/L	86
48) 2-Hexanone	8.13	43	16325	3.553 ug/L #	69

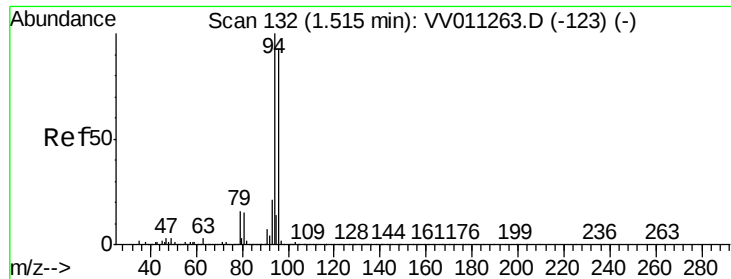
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.143 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

Lab File: VV011264.D

Acq: 07 Jun 2019 01:34

Instrument :

MSVOA_V

ClientSampled :

VBLK48

Tgt Ion: 94 Resp: 1021

Ion Ratio Lower Upper

94 100

96 83.5 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.51

1000

800

600

400

200

0

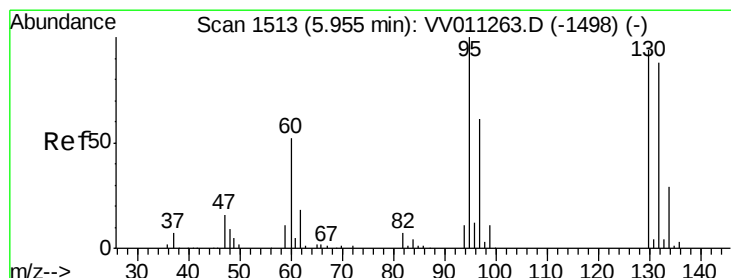
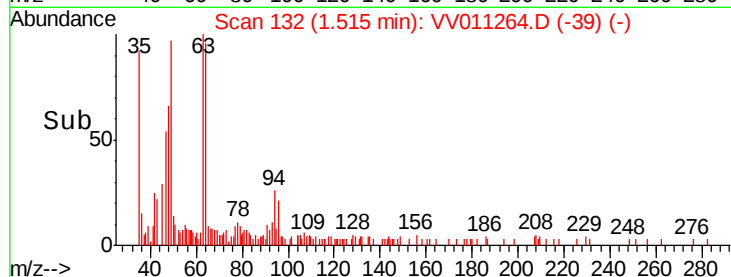
1.48

1.50

1.52

1.54

Time-->



#34

Trichloroethene

Concen: 0.296 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011264.D

Acq: 07 Jun 2019 01:34

Tgt Ion: 95 Resp: 3176

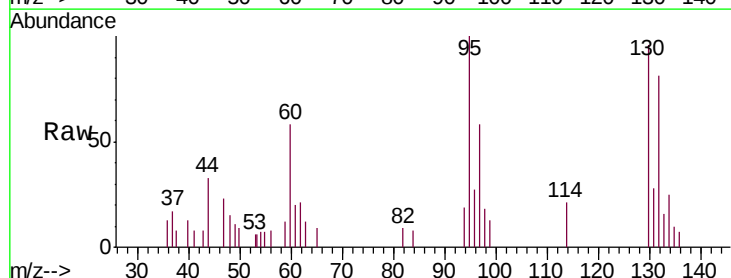
Ion Ratio Lower Upper

95 100

97 57.8 45.8 85.2

132 80.8 66.4 123.2

130 95.9 68.3 126.8



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

2500

2000

1500

1000

500

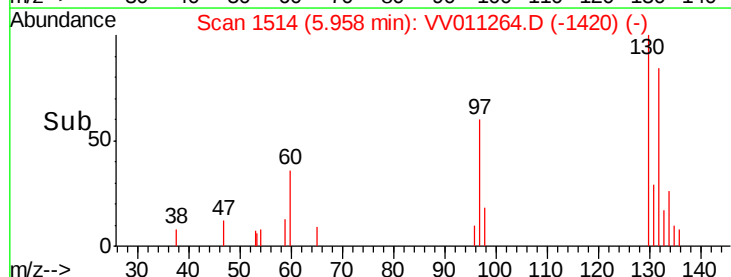
0

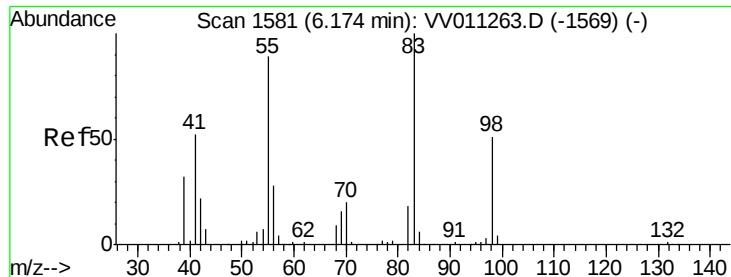
5.90

5.95

6.00

Time-->

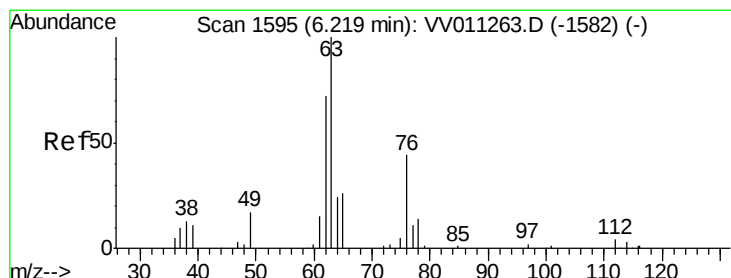
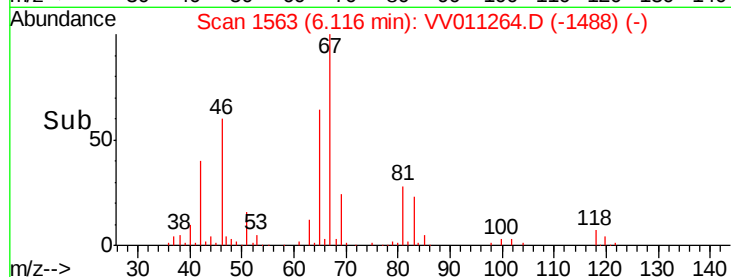
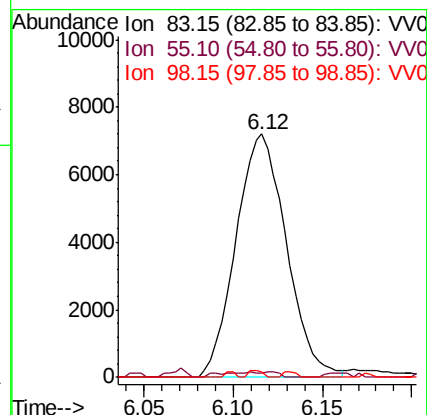
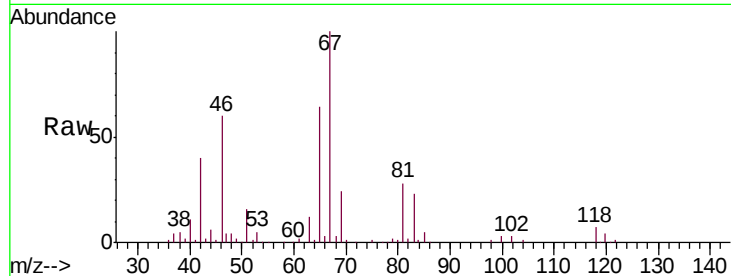




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011264.D
Acq: 07 Jun 2019 01:34

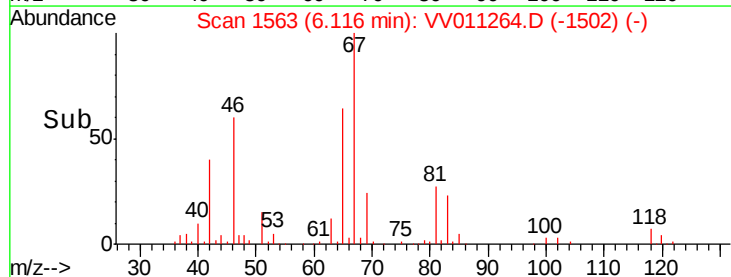
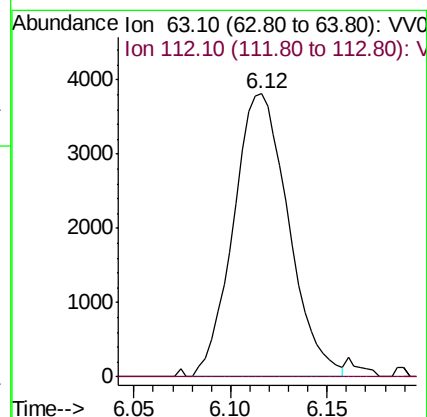
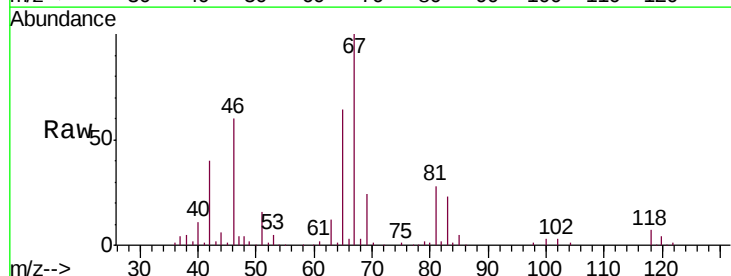
Instrument :
MSVOA_V
ClientSampleId :
VBLK48

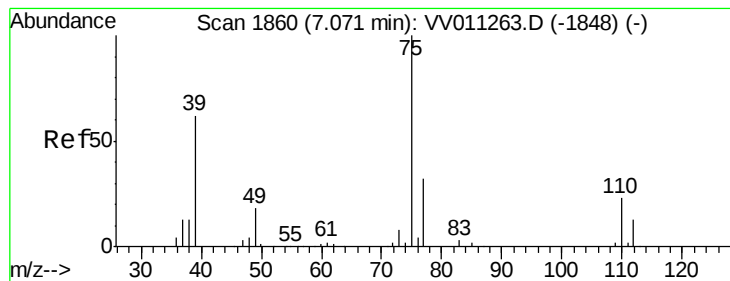
Tgt Ion: 83 Resp: 14176
Ion Ratio Lower Upper
83 100
55 1.7 67.0 100.6#
98 0.8 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011264.D
Acq: 07 Jun 2019 01:34

Tgt Ion: 63 Resp: 7556
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



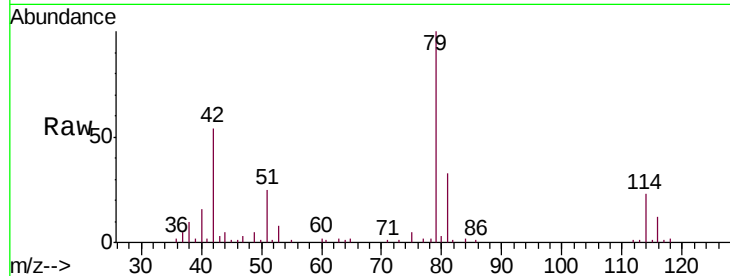


#39

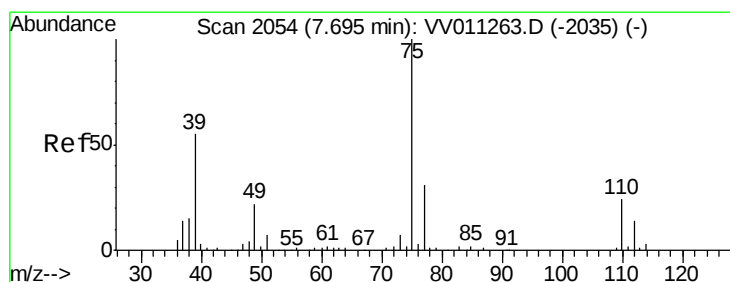
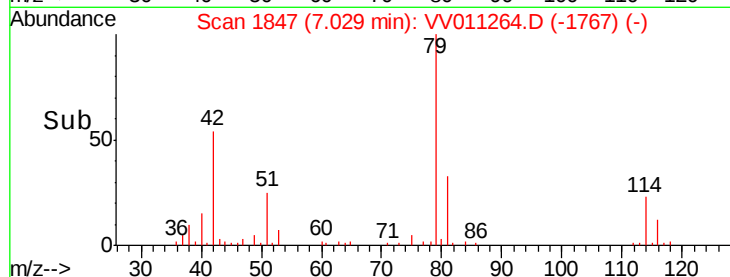
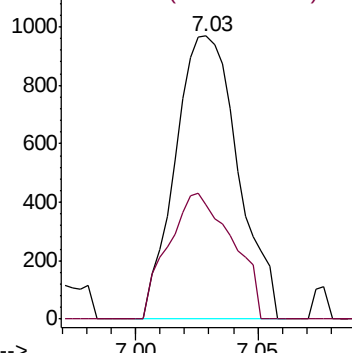
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011264.D
Acq: 07 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
VBLK48

Tgt Ion: 75 Resp: 1729
Ion Ratio Lower Upper
75 100
77 40.4 22.2 41.2



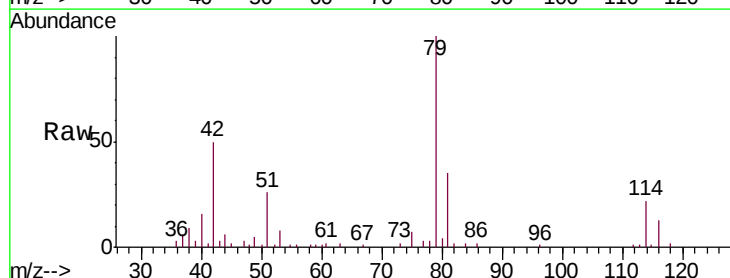
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



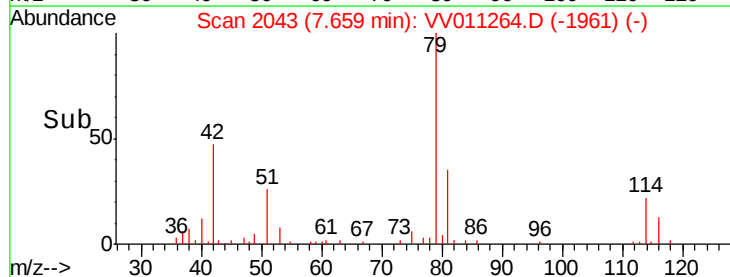
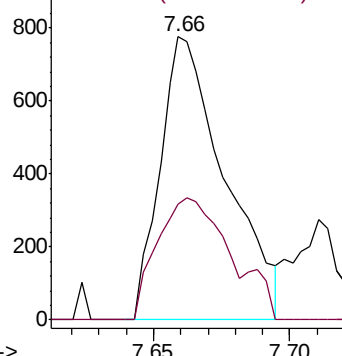
#44

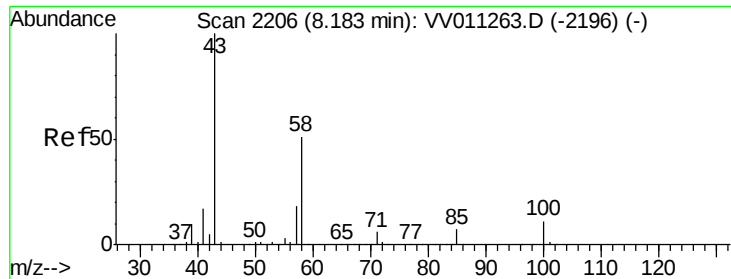
trans-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV011264.D
Acq: 07 Jun 2019 01:34

Tgt Ion: 75 Resp: 1285
Ion Ratio Lower Upper
75 100
77 40.9 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 3.553 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011264.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK48

Tgt Ion:	43	Resp:	16325
Ion	Ratio	Lower	Upper
43	100		
58	25.7	41.4	62.0#
57	25.5	15.0	22.4#
100	0.7	9.0	13.4#

