

Data File : VV011297.D
Acq On : 07 Jun 2019 19:30
Operator : SY/MD
Sample : K3226-10RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCQ7

Quant Time: Jun 08 00:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157220	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57091	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47538	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.56	69	41060	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	76303	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.94	46	126811	47.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.40	84	93837	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	52548	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.09	84	188442	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	58824	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	165987	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.66	79	17947	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.13	63	105103	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40623	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52440	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

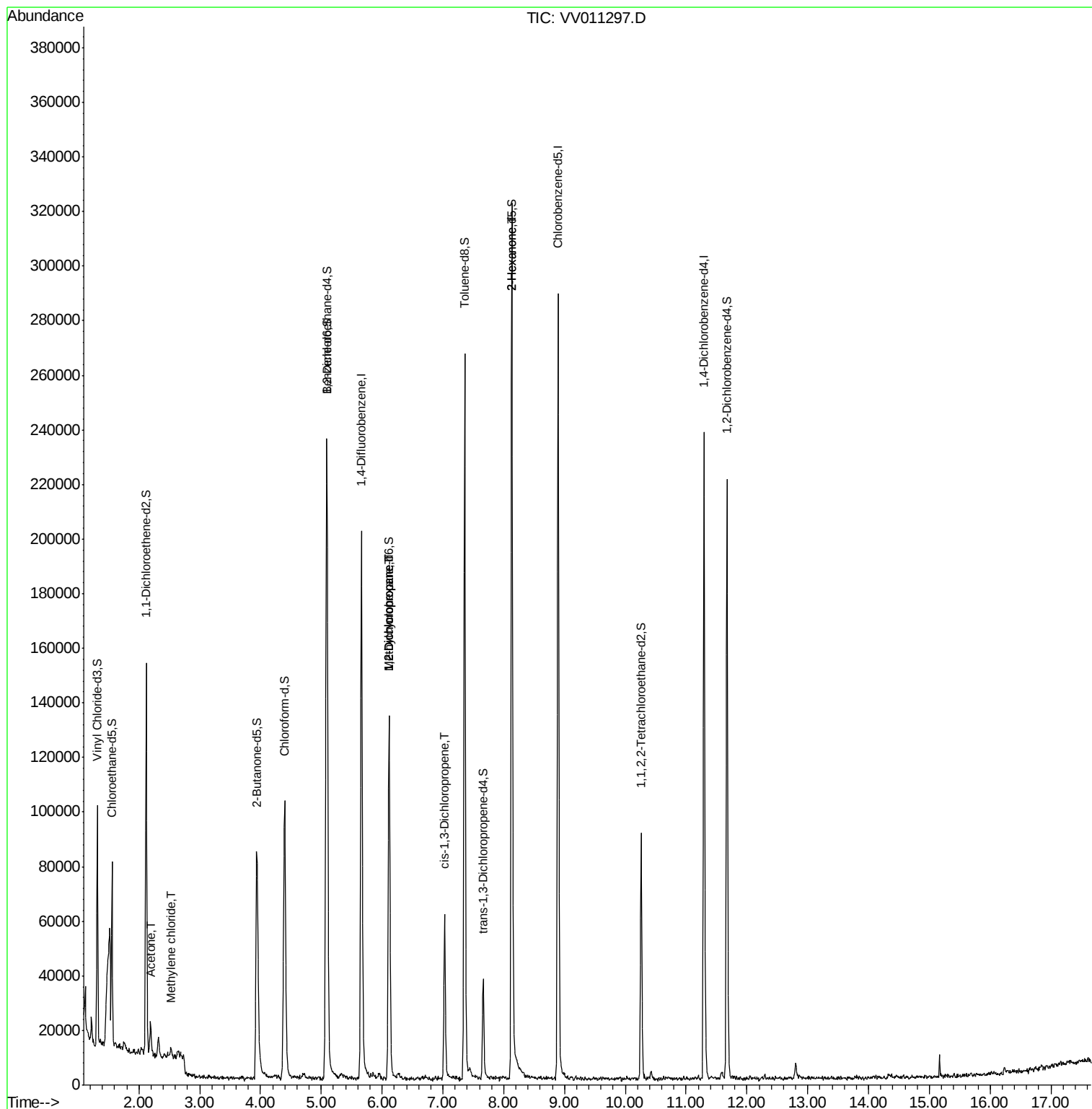
					Qvalue
13) Acetone	2.19	43	4253	2.365	ug/L 94
16) Methylene chloride	2.53	84	1318	0.129	ug/L 72
35) Methylcyclohexane	6.11	83	14858	0.750	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	7223	0.626	ug/L # 86
39) cis-1,3-Dichloropropene	7.03	75	1862	0.110	ug/L # 44
48) 2-Hexanone	8.13	43	14144	2.761	ug/L # 72

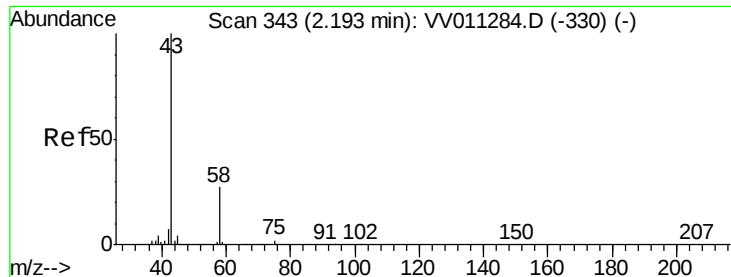
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.365 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 19:30

Instrument :

MSVOA_V

ClientSampleId :

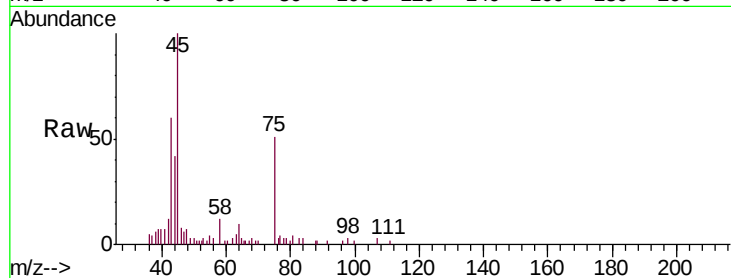
BFCQ7

Tgt Ion: 43 Resp: 4253

Ion Ratio Lower Upper

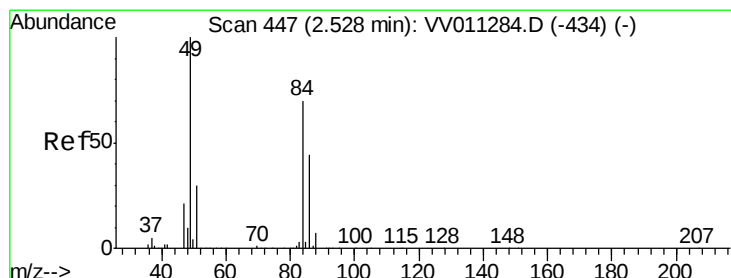
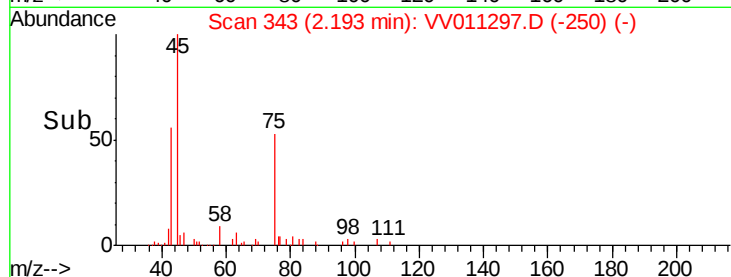
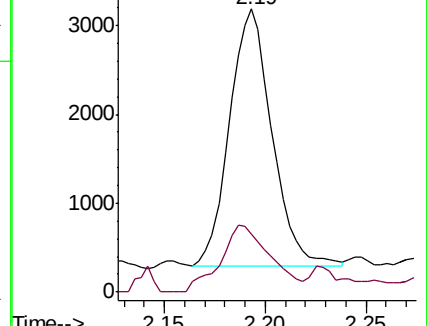
43 100

58 30.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011284.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV011284.D (-330) (-)



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV011297.D

Acq: 07 Jun 2019 19:30

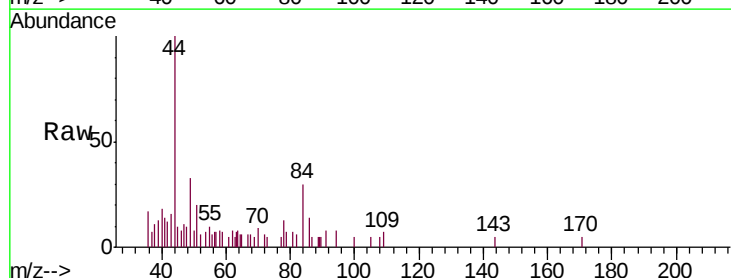
Tgt Ion: 84 Resp: 1318

Ion Ratio Lower Upper

84 100

86 45.1 44.9 83.3

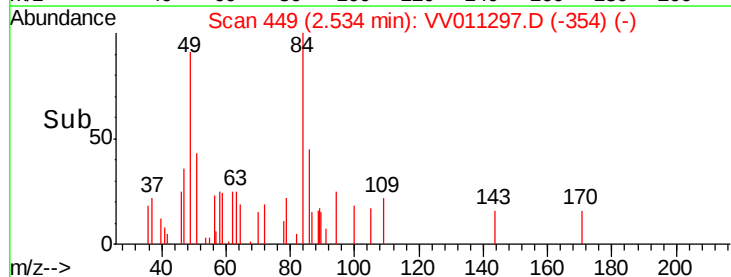
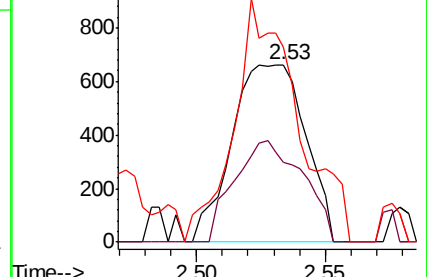
49 109.7 102.1 189.5

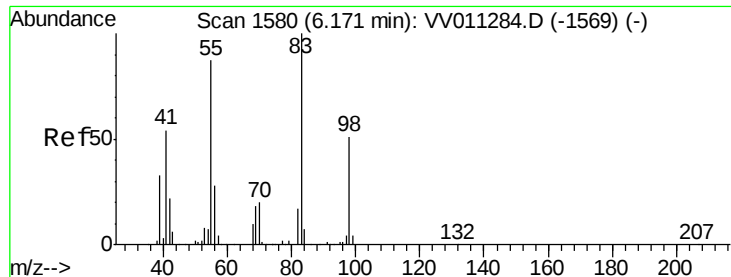


Abundance Ion 84.05 (83.75 to 84.75): VV011284.D (-434) (-)

Ion 86.00 (85.70 to 86.70): VV011284.D (-434) (-)

Ion 49.10 (48.80 to 49.80): VV011284.D (-434) (-)





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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ClientSampleId :

BFCQ7

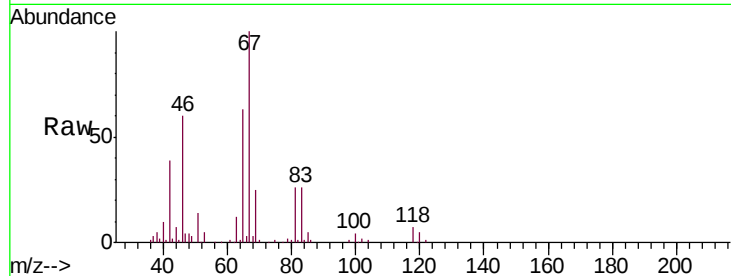
Tgt Ion: 83 Resp: 14858

Ion Ratio Lower Upper

83 100

55 0.8 67.0 100.6#

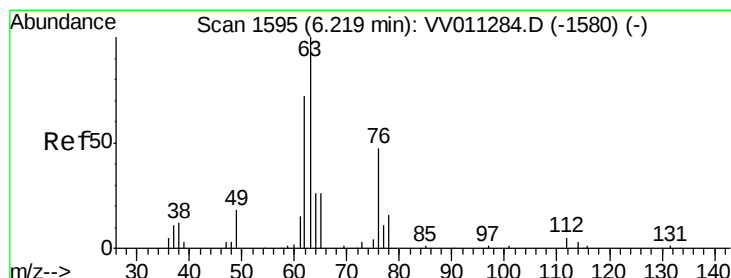
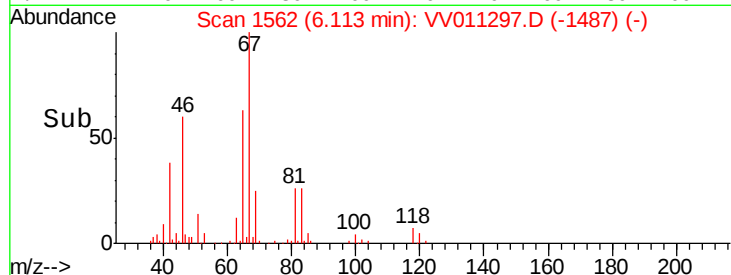
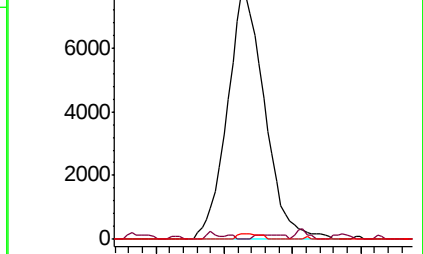
98 1.4 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011297.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011297.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011297.D (-1487) (-)



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011297.D

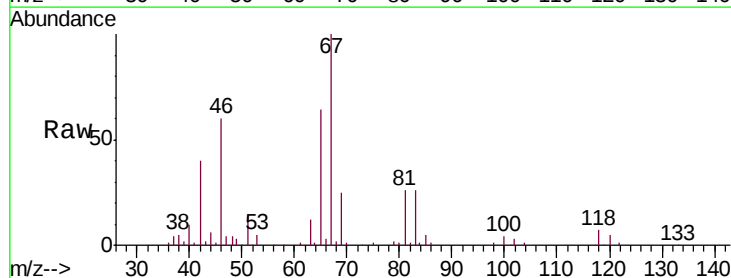
Acq: 07 Jun 2019 19:30

Tgt Ion: 63 Resp: 7223

Ion Ratio Lower Upper

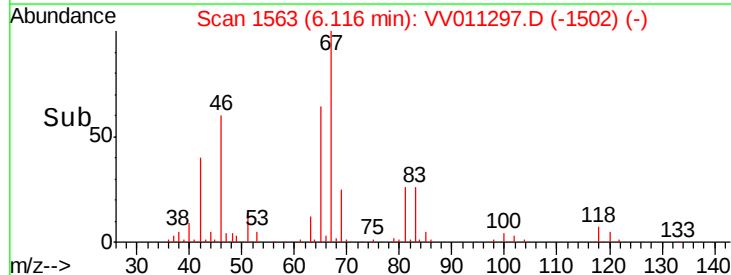
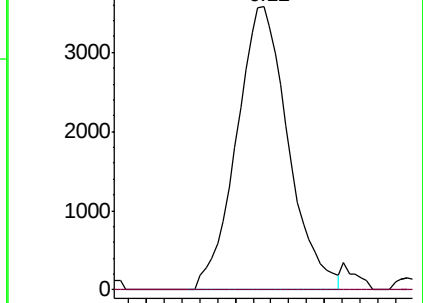
63 100

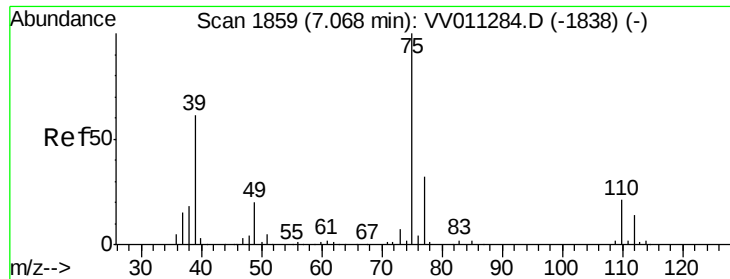
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011297.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV011297.D (-1502) (-)

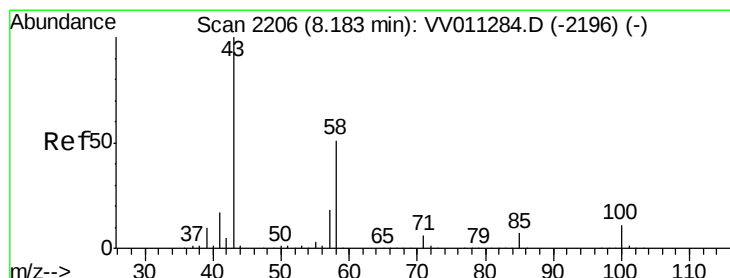
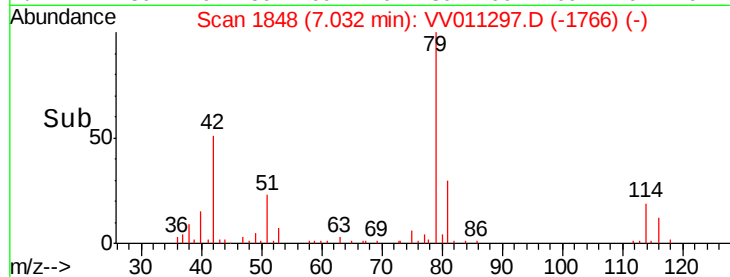
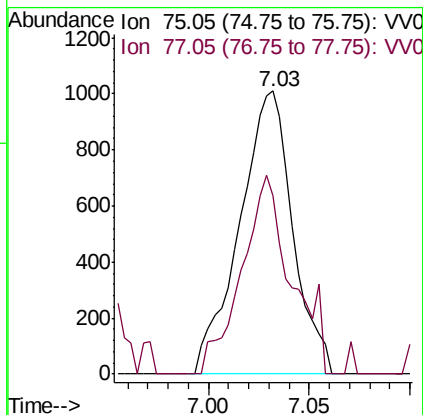
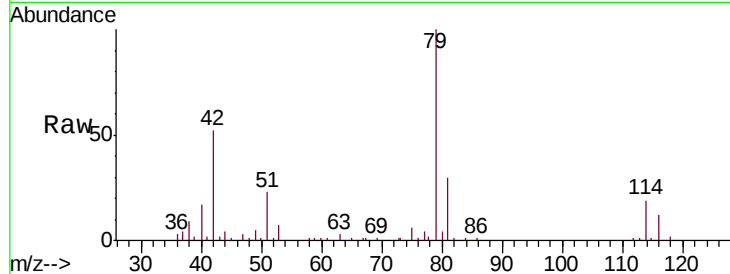




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011297.D
 Acq: 07 Jun 2019 19:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ7

Tgt Ion: 75 Resp: 1862
 Ion Ratio Lower Upper
 75 100
 77 63.0 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.761 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011297.D
 Acq: 07 Jun 2019 19:30

Tgt Ion: 43 Resp: 14144
 Ion Ratio Lower Upper
 43 100
 58 27.3 41.4 62.0#
 57 23.7 15.0 22.4#
 100 1.0 9.0 13.4#

