

Data File : VV009997.D
Acq On : 29 Mar 2019 12:59
Operator : SY/MD
Sample : VV0329SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Quant Time: Mar 30 04:15:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193377	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78487	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
7) Chloroethane-d5	1.57	69	89180	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
10) 1,1-Dichloroethene-d2	2.13	63	185301	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	3.93	46	32752	42.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.16%
24) Chloroform-d	4.40	84	110945	21.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.08	65	71931	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	5.10	84	244496	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	6.12	67	72295	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.32%
37) Toluene-d8	7.36	98	225135	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	7.66	79	26285	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	8.13	63	23247	41.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60320	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	74352	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

Target Compounds

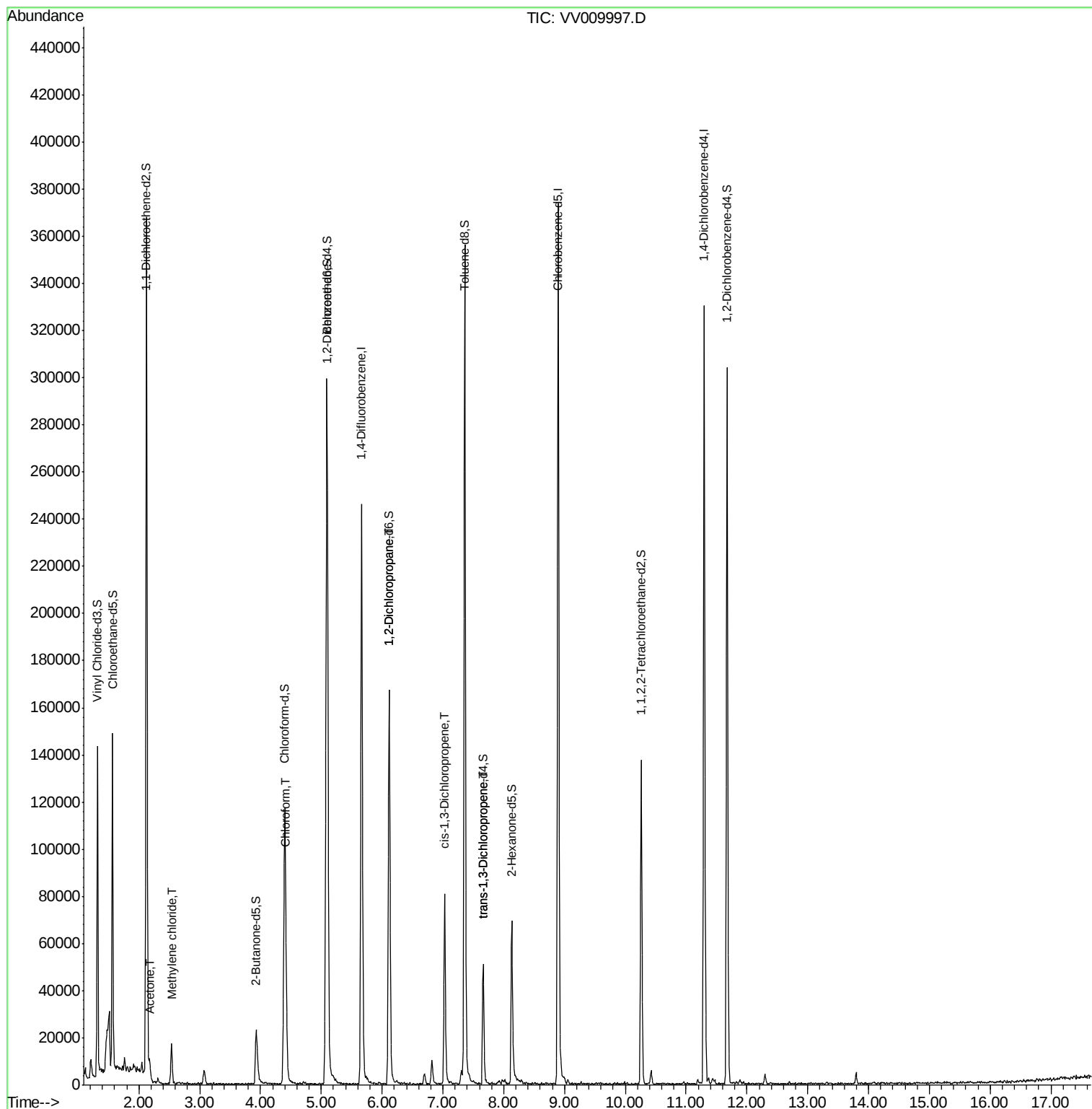
					Qvalue
13) Acetone	2.18	43	959	0.823 ug/L	92
16) Methylene chloride	2.54	84	6527	1.948 ug/L	94
25) Chloroform	4.42	83	11053	2.051 ug/L	84
40) 1,2-Dichloropropane	6.12	63	9222	3.475 ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	1548	0.400 ug/L #	79
45) trans-1,3-Dichloropropene	7.67	75	1677	0.530 ug/L	100

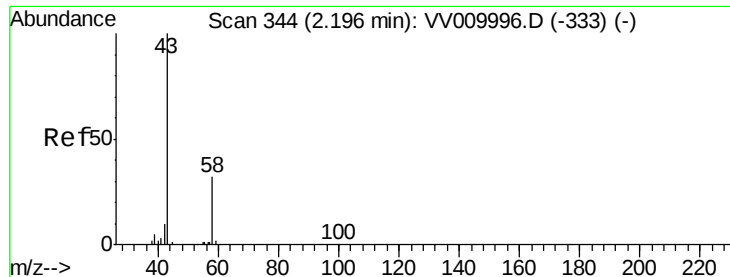
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.823 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.02 min

Lab File: VV009997.D

Acq: 29 Mar 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

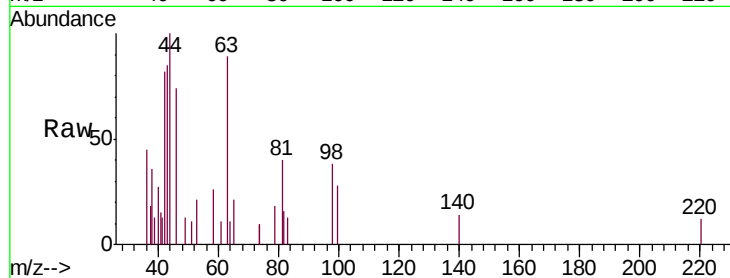
VBLK79

Tgt Ion: 43 Resp: 959

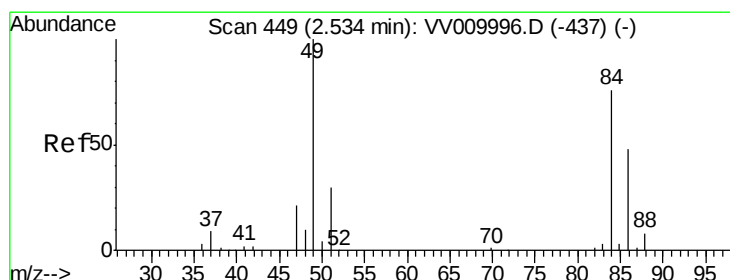
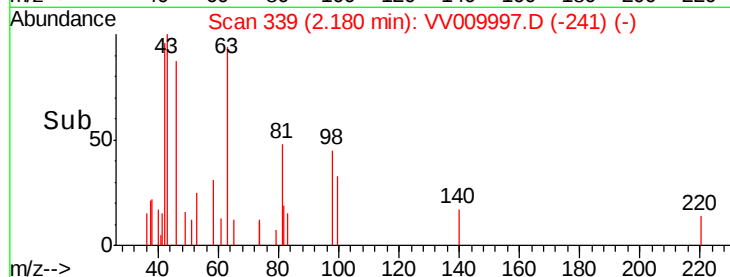
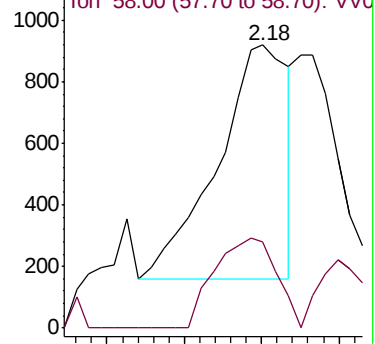
Ion Ratio Lower Upper

43 100

58 34.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009996.D (-333) (-)



#16

Methylene chloride

Concen: 1.948 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009997.D

Acq: 29 Mar 2019 12:59

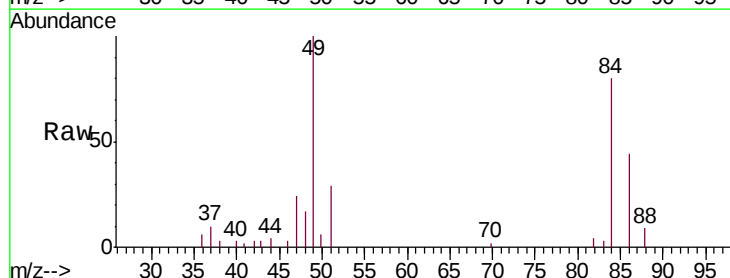
Tgt Ion: 84 Resp: 6527

Ion Ratio Lower Upper

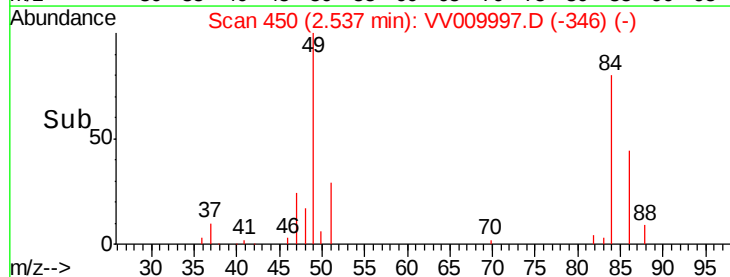
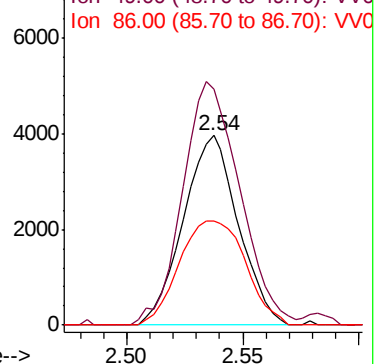
84 100

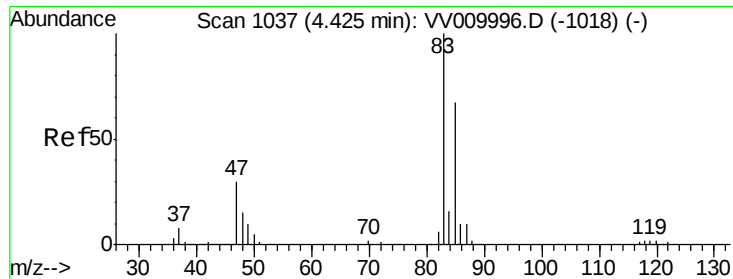
49 124.6 90.4 167.8

86 55.0 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009996.D (-437) (-)

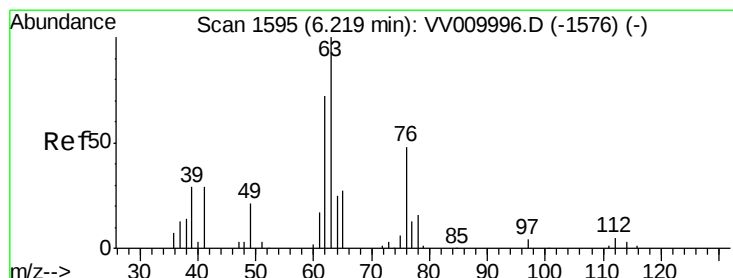
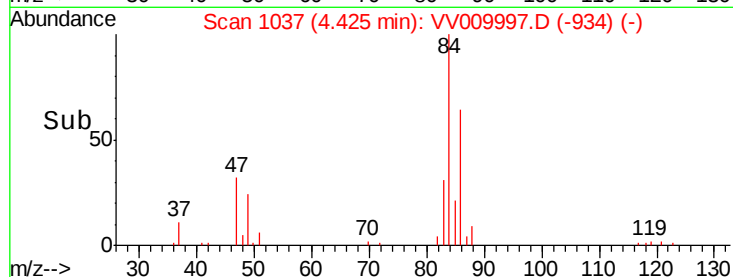
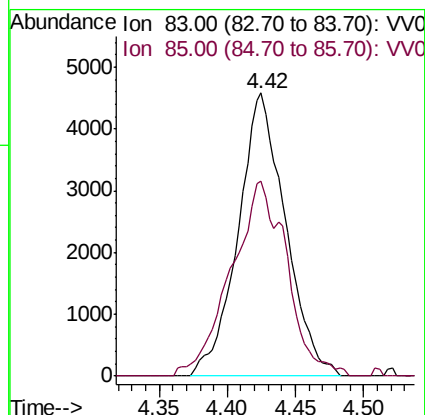
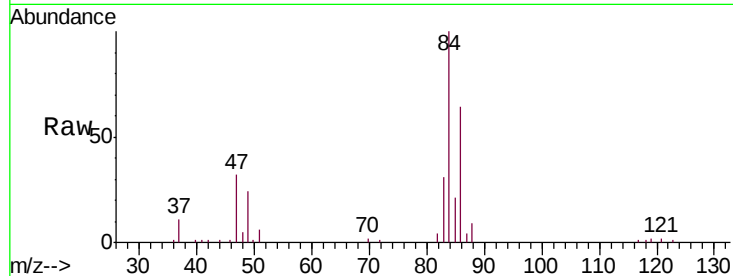




#25
Chloroform
Concen: 2.051 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009997.D
Acq: 29 Mar 2019 12:59

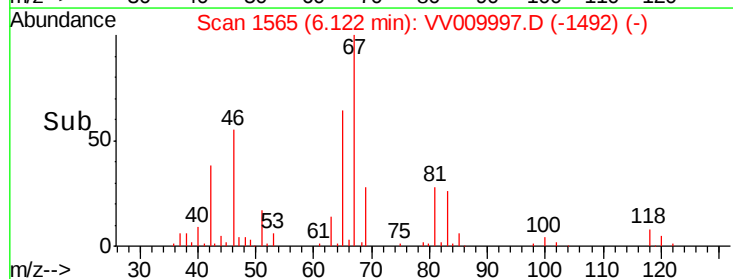
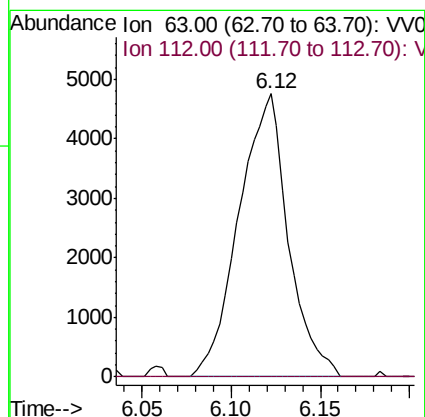
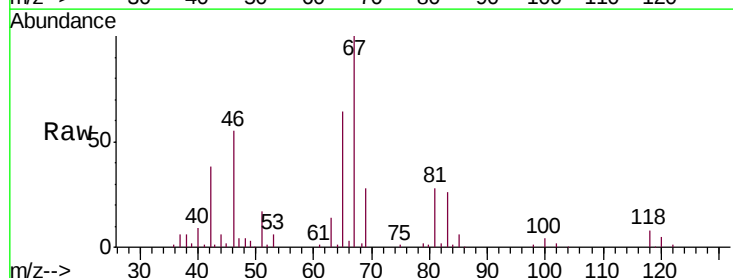
Instrument :
MSVOA_V
ClientSampled :
VBLK79

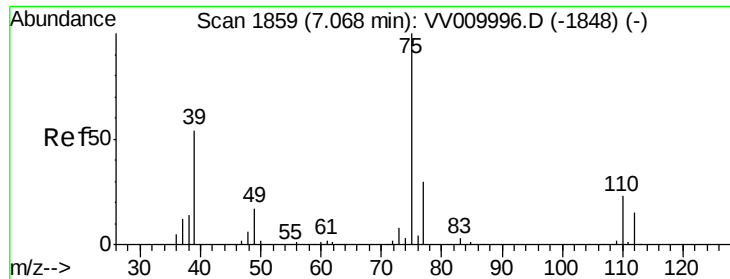
Tgt Ion: 83 Resp: 11053
Ion Ratio Lower Upper
83 100
85 52.8 46.1 85.7



#40
1,2-Dichloropropane
Concen: 3.475 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009997.D
Acq: 29 Mar 2019 12:59

Tgt Ion: 63 Resp: 9222
Ion Ratio Lower Upper
63 100
112 0.0 2.1 3.1#



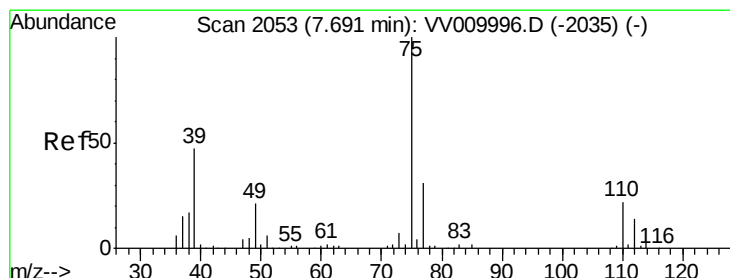
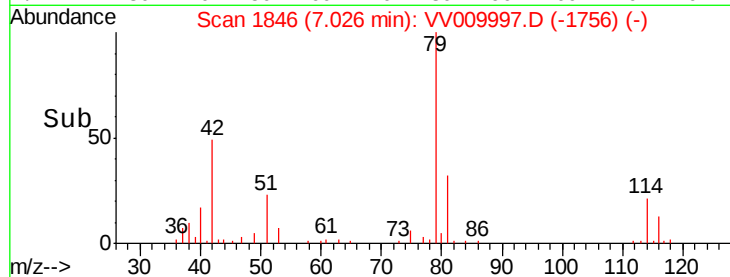
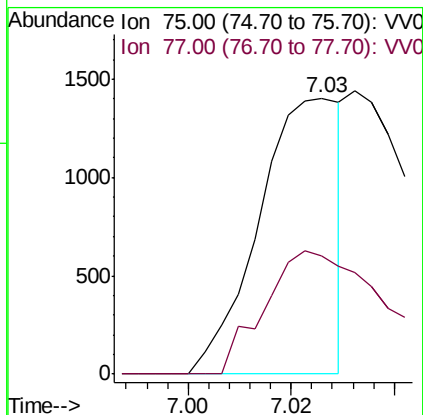
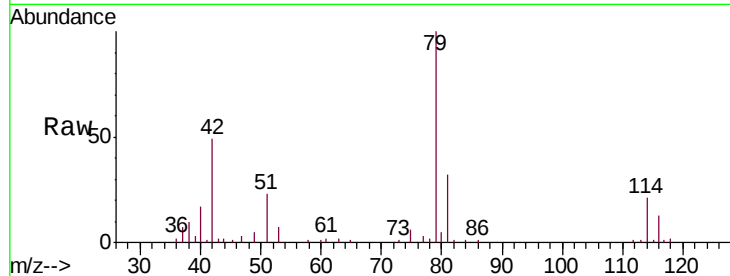


#42

cis-1,3-Dichloropropene
Concen: 0.400 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009997.D
Acq: 29 Mar 2019 12:59

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 75 Resp: 1548
Ion Ratio Lower Upper
75 100
77 42.7 21.8 40.6#



#45

trans-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009997.D
Acq: 29 Mar 2019 12:59

Tgt Ion: 75 Resp: 1677
Ion Ratio Lower Upper
75 100
77 29.4 20.7 38.5

