

Data File : VV009321.D
Acq On : 21 Feb 2019 13:34
Operator : SY/MD
Sample : K1543-05
Misc : 4.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5X2

Quant Time: Feb 22 04:56:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157914	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44873	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	1.58	69	62477	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
10) 1,1-Dichloroethene-d2	2.13	63	91021	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.48%
20) 2-Butanone-d5	3.95	46	24371	33.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.30%
24) Chloroform-d	4.40	84	82922	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.08	65	46797	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	5.10	84	170867	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	6.12	67	54123	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	7.36	98	162312	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	7.67	79	24521	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	8.14	63	22567	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50136	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	59245	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

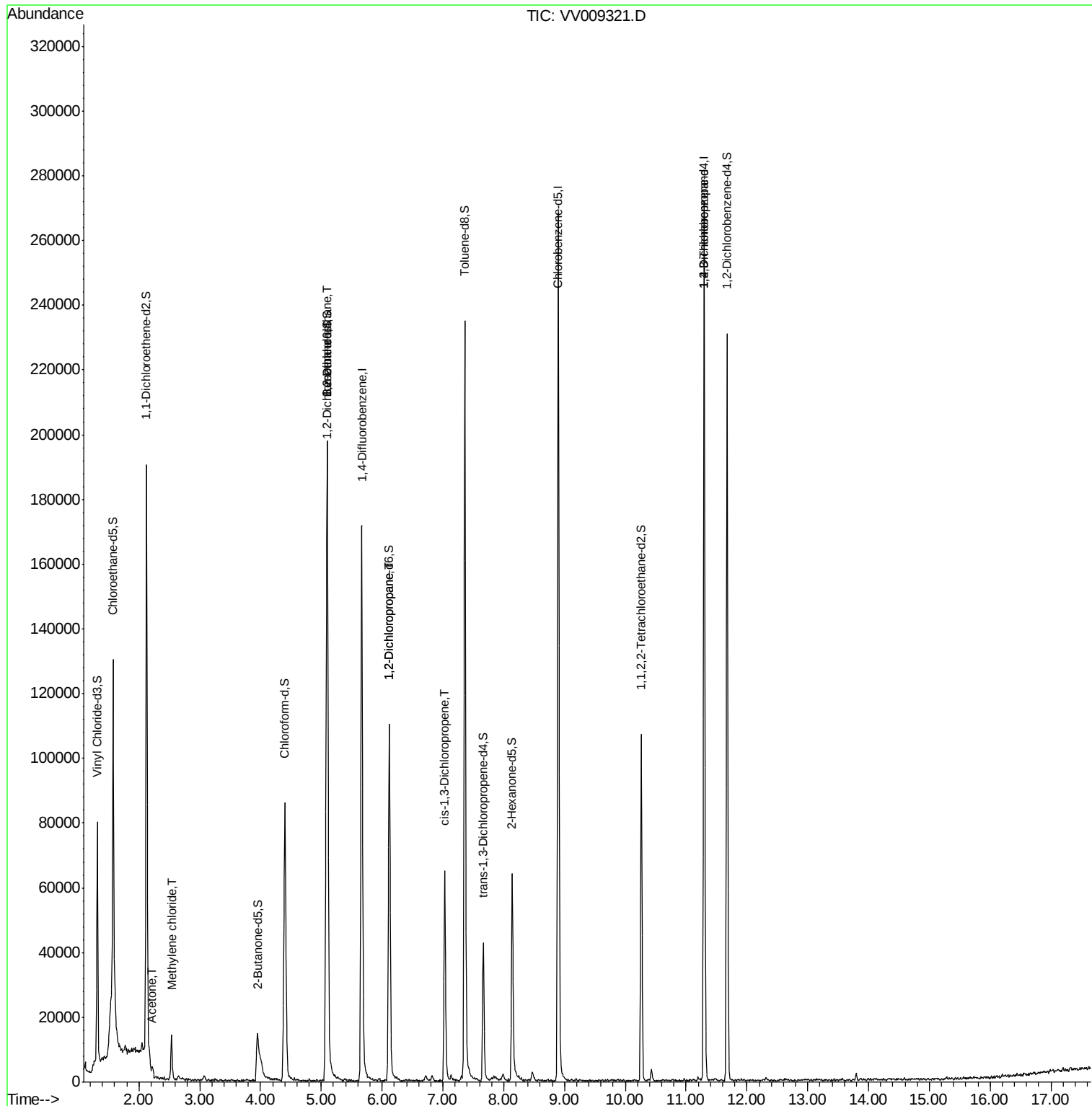
					Qvalue
13) Acetone	2.21	43	1414	1.967 ug/L	84
16) Methylene chloride	2.54	84	5689	2.382 ug/L	98
27) 1,2-Dichloroethane	5.09	62	919	0.368 ug/L #	72
40) 1,2-Dichloropropane	6.12	63	6030	3.005 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1868	0.548 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	9332	5.164 ug/L	91

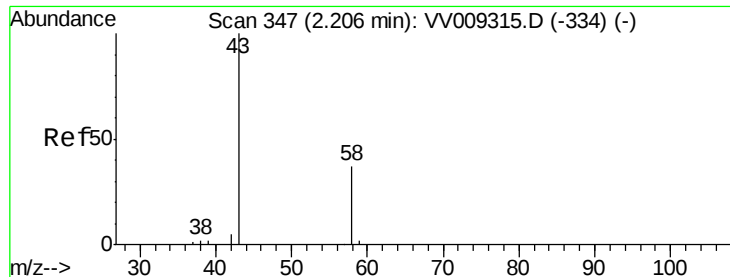
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.967 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009321.D

Acq: 21 Feb 2019 13:34

Instrument :

MSVOA_V

ClientSampled :

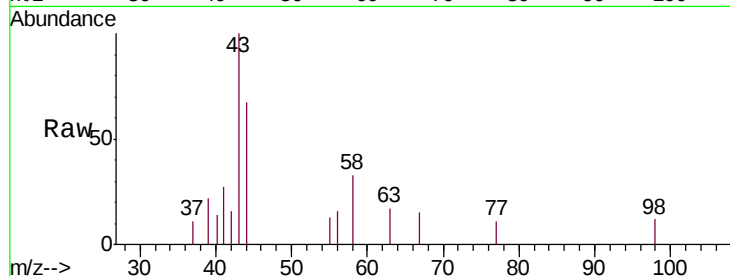
BF5X2

Tgt Ion: 43 Resp: 1414

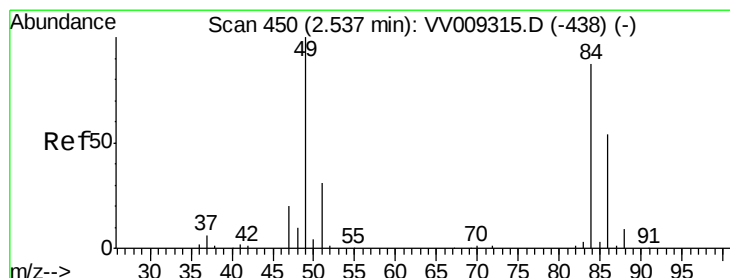
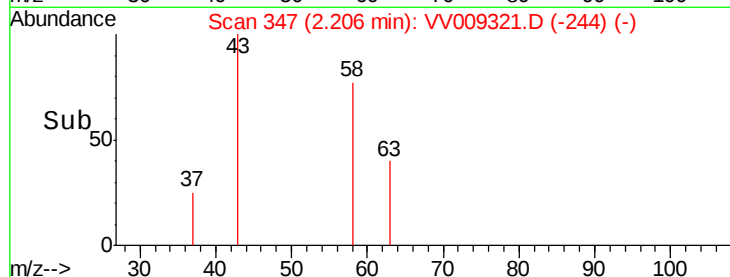
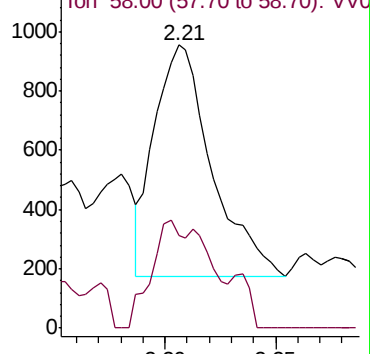
Ion Ratio Lower Upper

43 100

58 26.9 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009321.D (-244) (-)



#16

Methylene chloride

Concen: 2.382 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009321.D

Acq: 21 Feb 2019 13:34

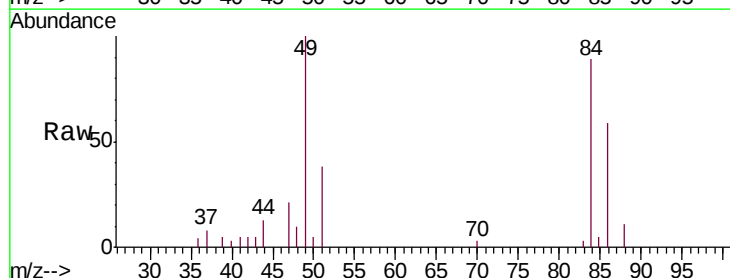
Tgt Ion: 84 Resp: 5689

Ion Ratio Lower Upper

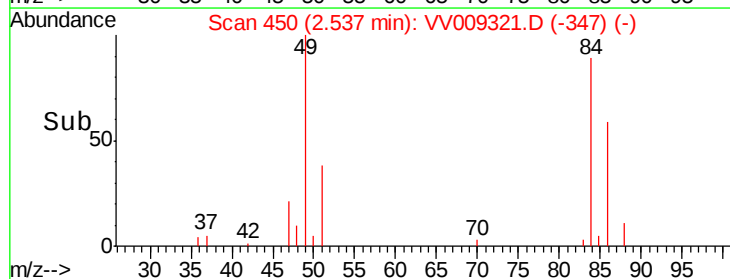
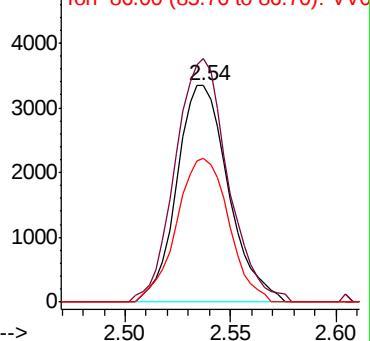
84 100

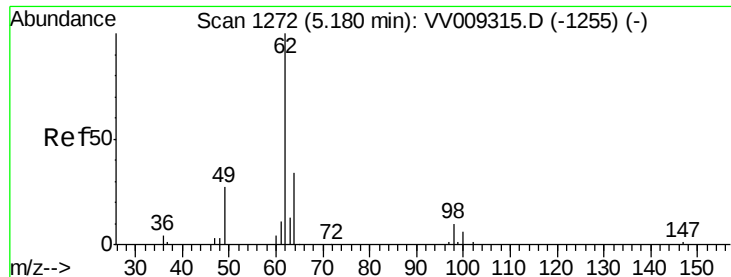
49 112.4 78.7 146.1

86 66.4 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009321.D (-347) (-)





#27

1,2-Dichloroethane

Concen: 0.368 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV009321.D

Acq: 21 Feb 2019 13:34

Instrument :

MSVOA_V

ClientSampleId :

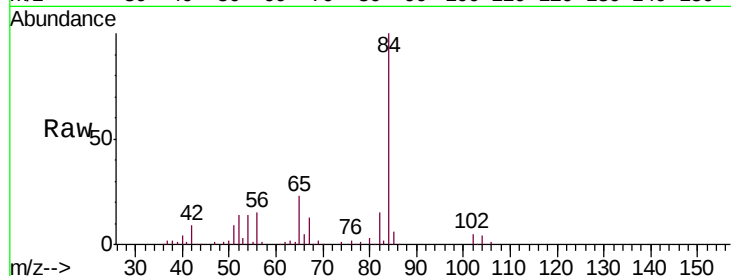
BF5X2

Tgt Ion: 62 Resp: 919

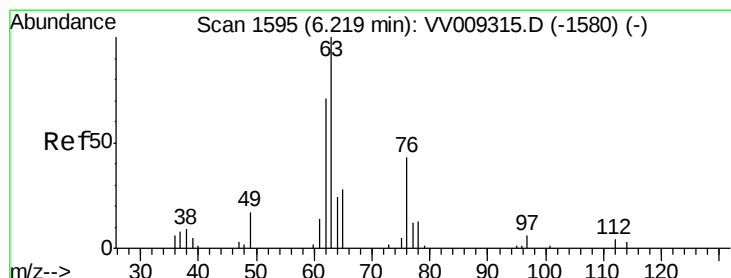
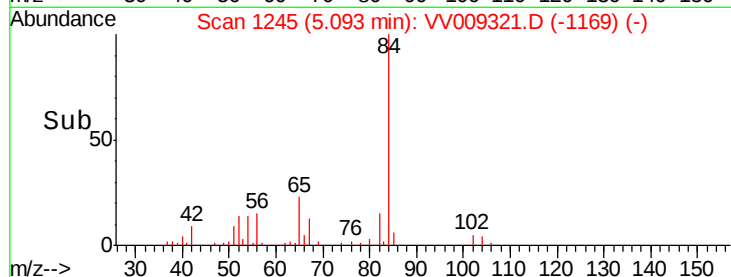
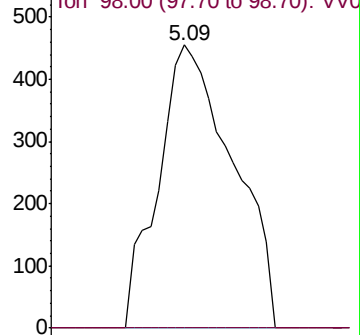
Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



Abundance Ion 62.00 (61.70 to 62.70): VV009321.D (-1169) (-)



#40

1,2-Dichloropropane

Concen: 3.005 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009321.D

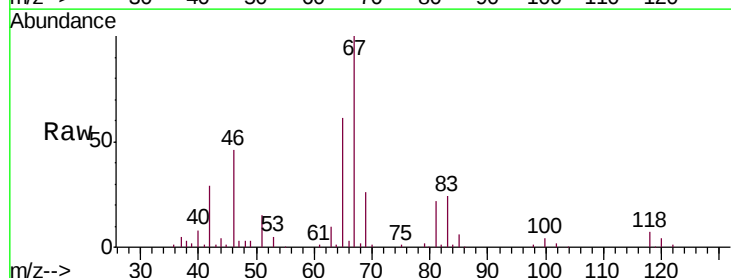
Acq: 21 Feb 2019 13:34

Tgt Ion: 63 Resp: 6030

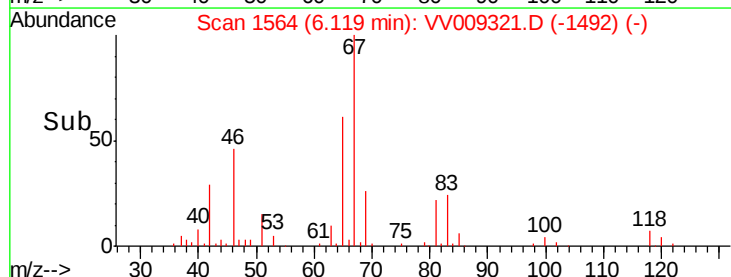
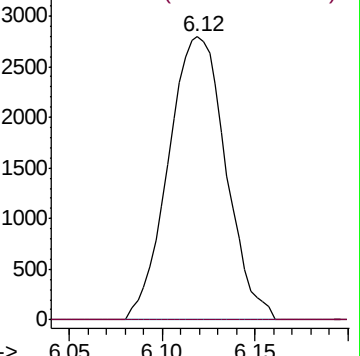
Ion Ratio Lower Upper

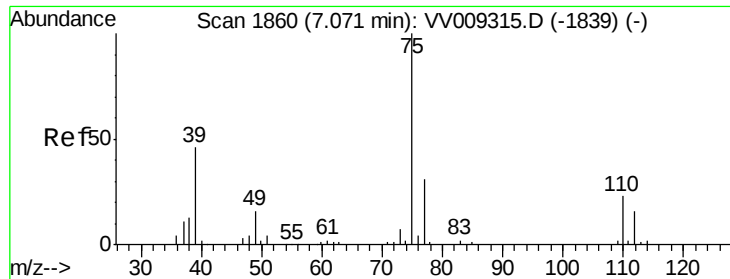
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV009321.D (-1492) (-)

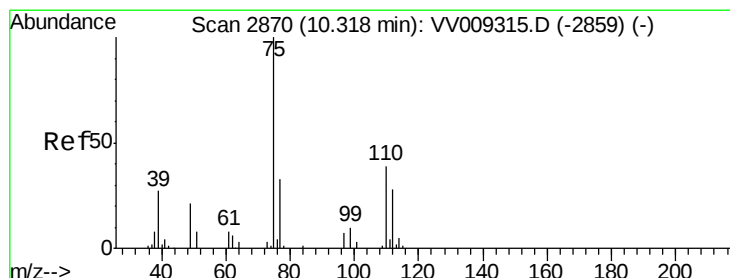
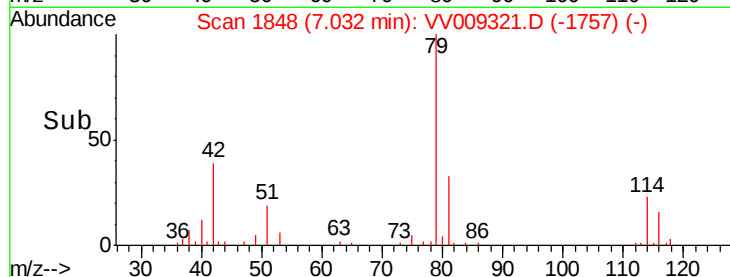
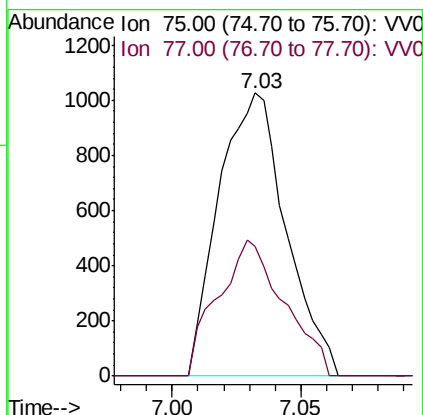
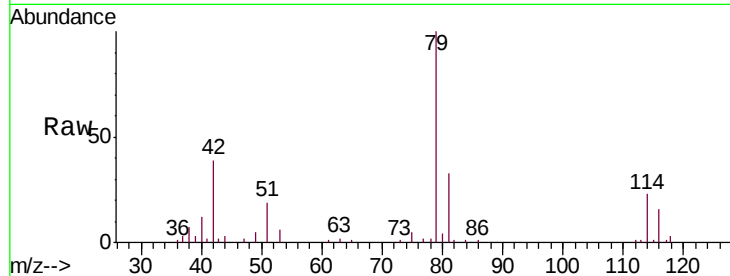




#42
 cis-1,3-Dichloropropene
 Concen: 0.548 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009321.D
 Acq: 21 Feb 2019 13:34

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X2

Tgt Ion: 75 Resp: 1868
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.0 40.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.164 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009321.D
 Acq: 21 Feb 2019 13:34

Tgt Ion: 75 Resp: 9332
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.3 39.5

