

Data File : VV010002.D
Acq On : 29 Mar 2019 15:35
Operator : SY/MD
Sample : K2068-24
Misc : 5.24G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5K5

Quant Time: Mar 30 04:17:01 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	5.67	114	144191	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67806	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
7) Chloroethane-d5	1.57	69	79413	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
10) 1,1-Dichloroethene-d2	2.13	63	156219	19.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.08%
20) 2-Butanone-d5	3.93	46	38344	70.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.64%#
24) Chloroform-d	4.40	84	100177	27.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.08%
26) 1,2-Dichloroethane-d4	5.08	65	66813	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.88%
29) Benzene-d6	5.10	84	202323	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	6.12	67	61468	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	7.36	98	172713	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	7.66	79	21611	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
39) 2-Hexanone-d5	8.13	63	26814	67.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60515	28.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	51691	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

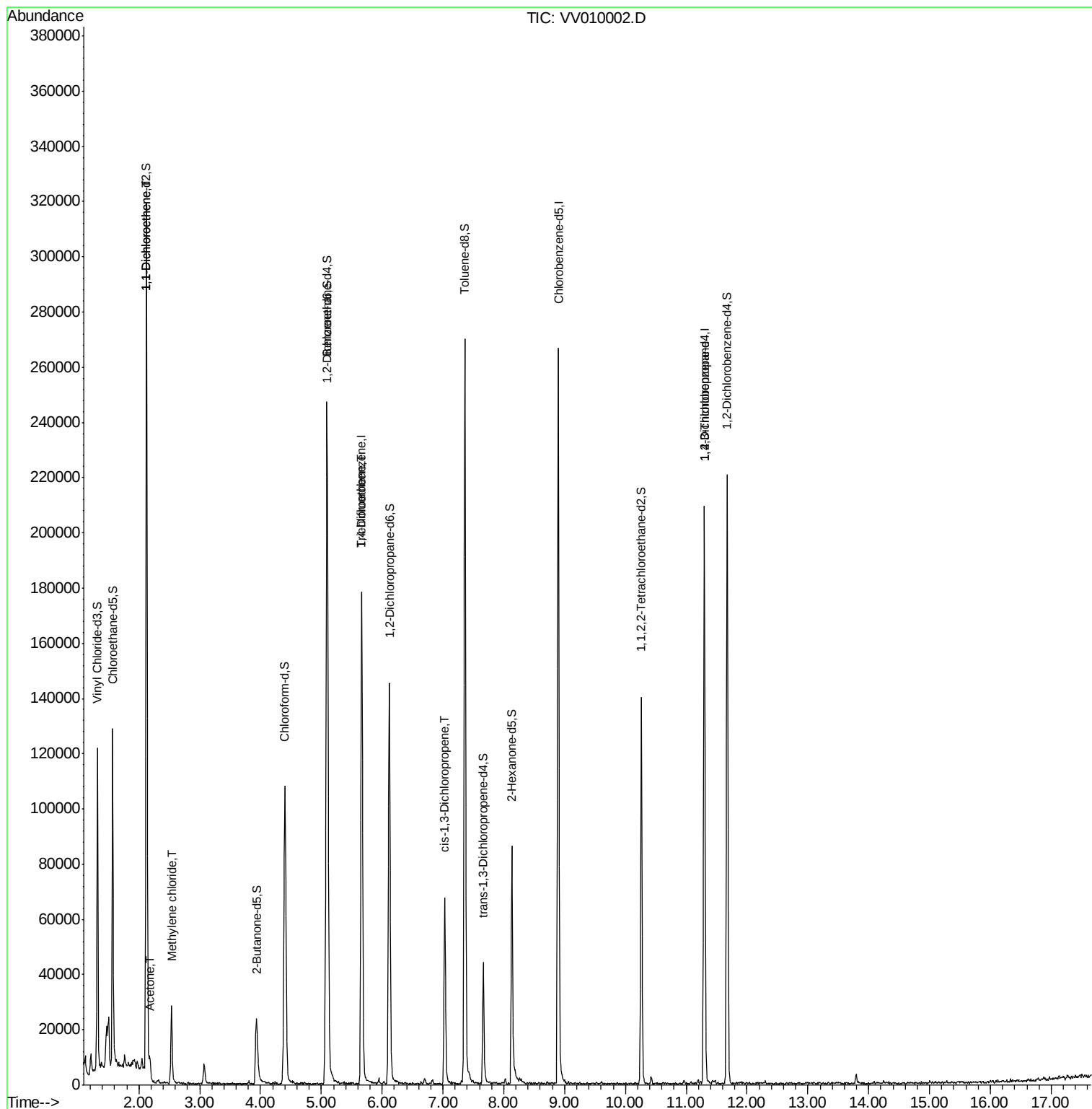
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1566	0.444	ug/L #	1
13) Acetone	2.18	43	4851	5.876	ug/L	72
16) Methylene chloride	2.54	84	10913	4.596	ug/L	92
35) Trichloroethene	5.66	95	2405	1.205	ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	2083	0.756	ug/L #	48
59) 1,2,3-Trichloropropane	11.30	75	8079	5.310	ug/L	93

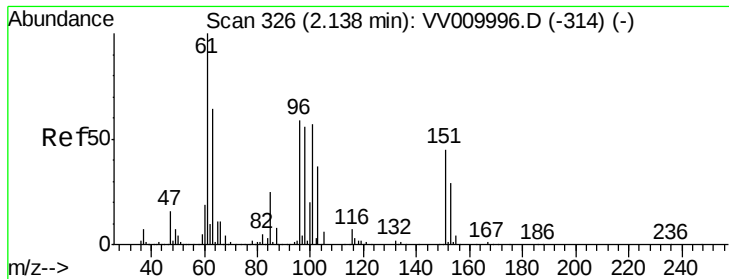
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.444 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BF5K5

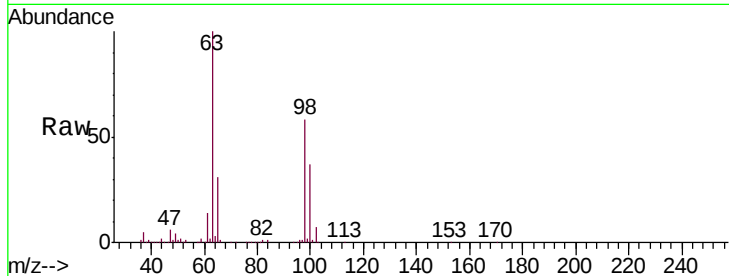
Tgt Ion: 96 Resp: 1566

Ion Ratio Lower Upper

96 100

61 1326.7 124.3 230.8#

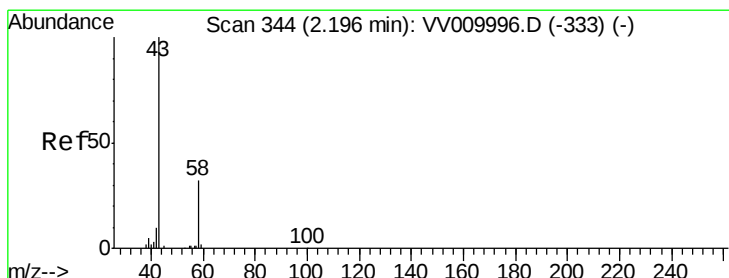
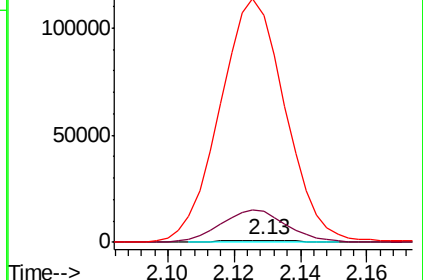
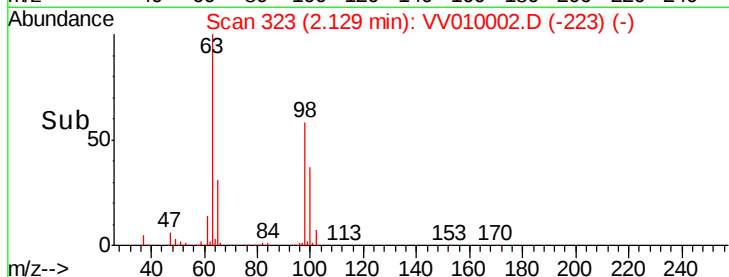
63 9774.9 88.2 163.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 5.876 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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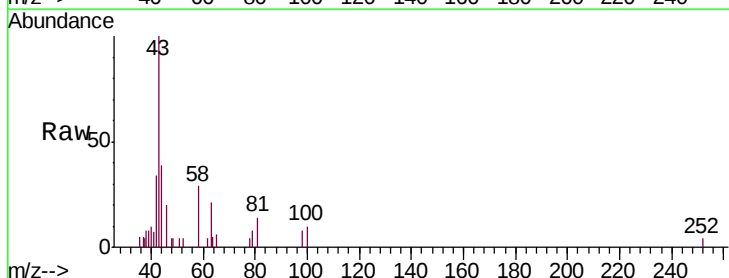
Acq: 29 Mar 2019 15:35

Tgt Ion: 43 Resp: 4851

Ion Ratio Lower Upper

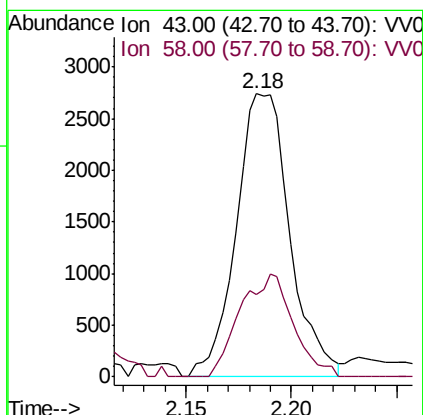
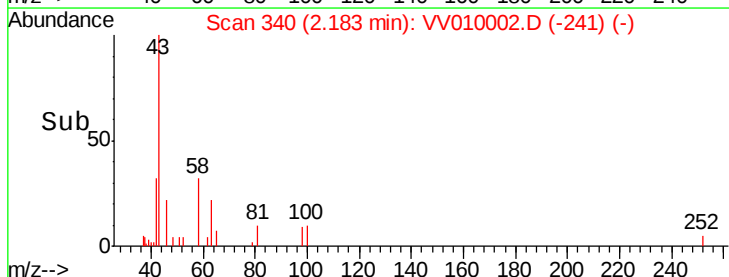
43 100

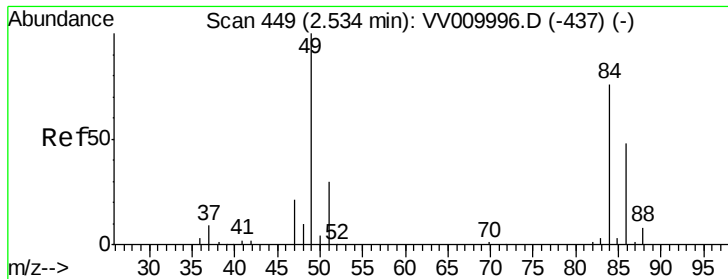
58 14.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

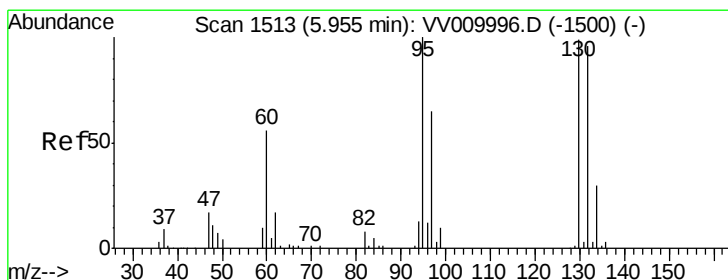
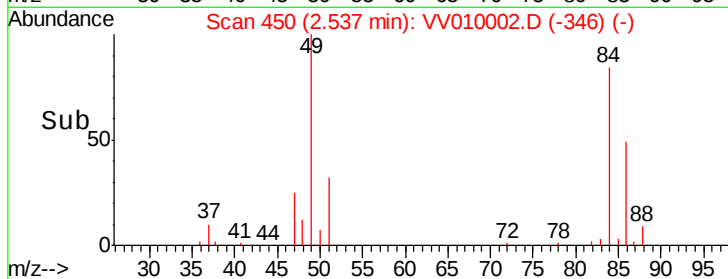
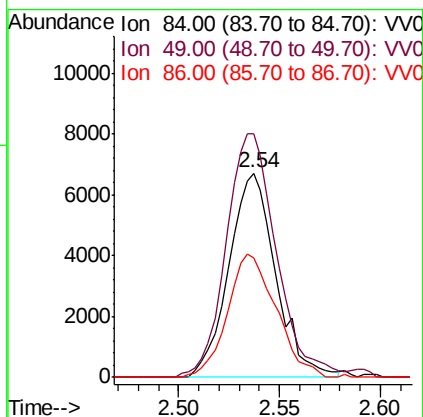
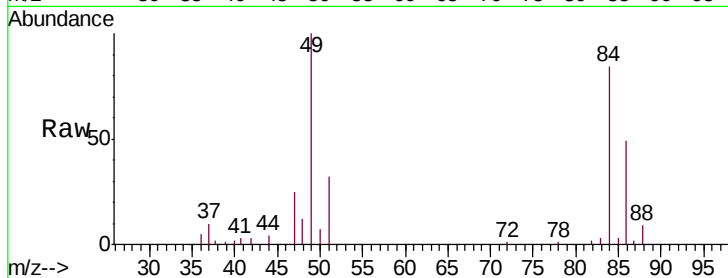




#16
Methylene chloride
Concen: 4.596 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010002.D
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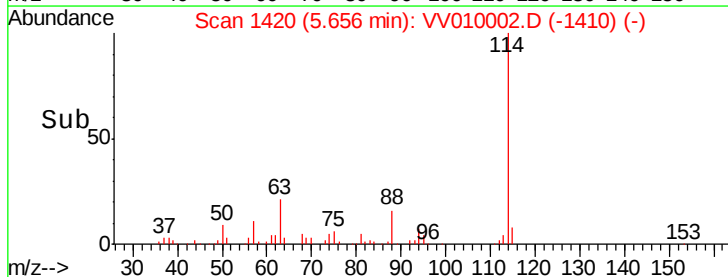
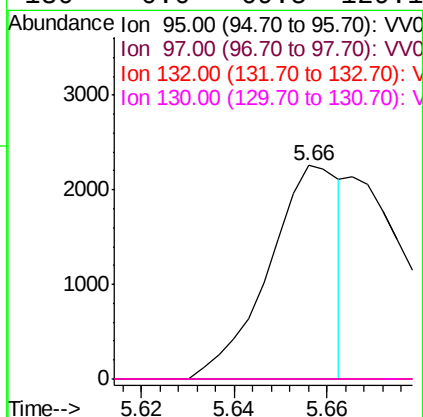
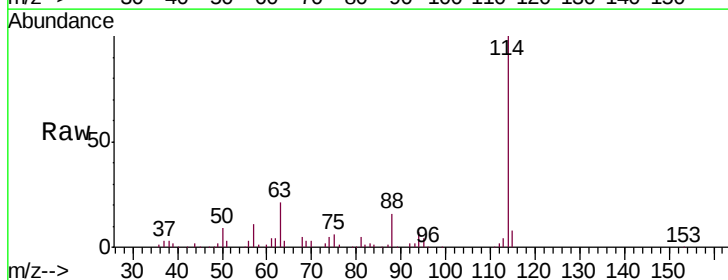
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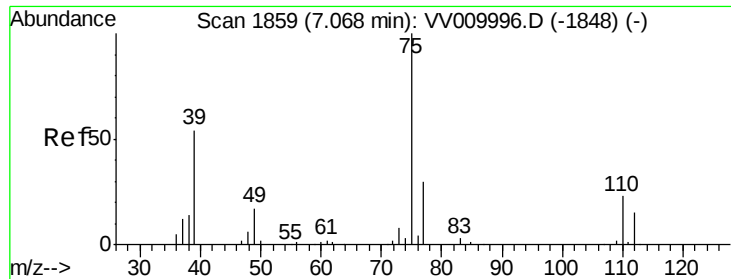
Tgt Ion: 84 Resp: 10913
Ion Ratio Lower Upper
84 100
49 119.2 90.4 167.8
86 58.7 44.0 81.6



#35
Trichloroethene
Concen: 1.205 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
Lab File: VV010002.D
Acq: 29 Mar 2019 15:35

Tgt Ion: 95 Resp: 2405
Ion Ratio Lower Upper
95 100
97 1.8 46.3 85.9#
132 0.0 69.3 128.7#
130 0.0 69.5 129.1#

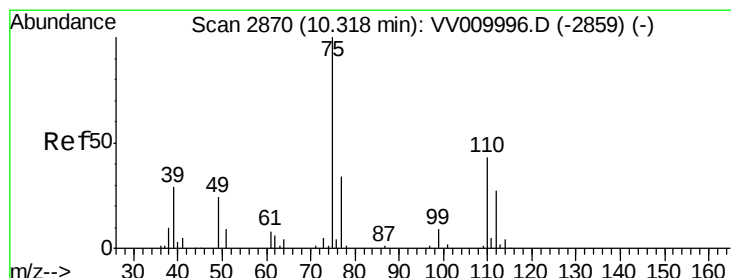
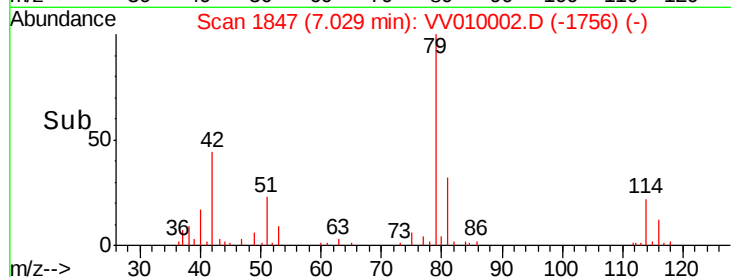
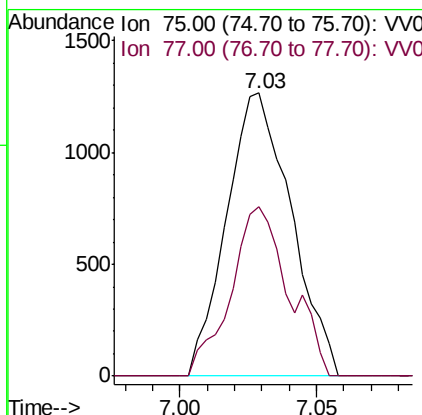
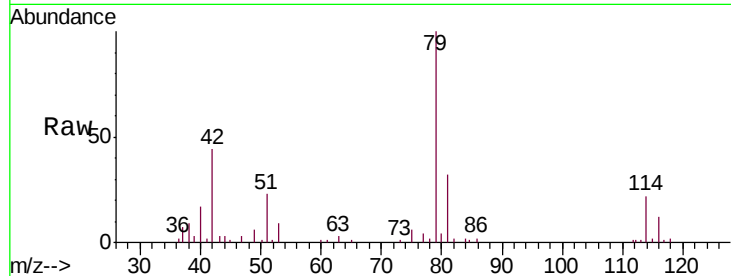




#42
 cis-1,3-Dichloropropene
 Concen: 0.756 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010002.D
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Instrument :
 MSVOA_V
 ClientSampleID :
 BF5K5

Tgt Ion: 75 Resp: 2083
 Ion Ratio Lower Upper
 75 100
 77 60.0 21.8 40.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.310 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010002.D
 Acq: 29 Mar 2019 15:35

Tgt Ion: 75 Resp: 8079
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2

