

Data File : VV010714.D
Acq On : 08 May 2019 04:14
Operator : SY/MD
Sample : VV0507SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK82

Quant Time: May 08 05:00:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:57:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	101178	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	101395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37795	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
7) Chloroethane-d5	1.56	69	32992	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	2.12	63	59144	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	29097	61.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.38%
24) Chloroform-d	4.40	84	72292	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	5.08	65	51579	29.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.76%
29) Benzene-d6	5.09	84	148530	27.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.32%
33) 1,2-Dichloropropane-d6	6.11	67	48364	28.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.76%
37) Toluene-d8	7.36	98	134854	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.56%
38) trans-1,3-Dichloropropene-	7.66	79	20423	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.36%
39) 2-Hexanone-d5	8.13	63	21454	60.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43718	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	46692	27.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.16%

Target Compounds

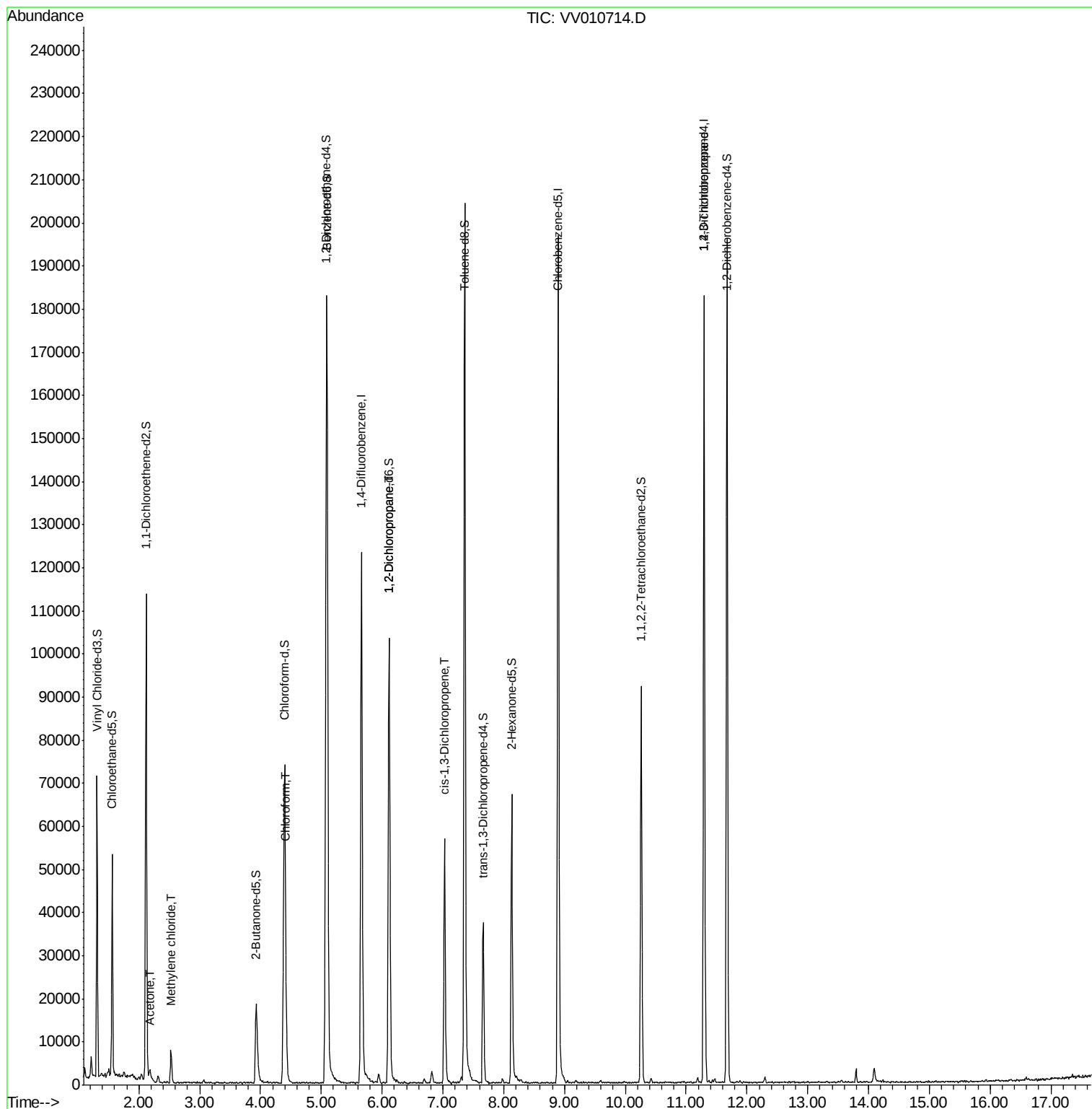
					Qvalue
13) Acetone	2.19	43	1048	1.435 ug/L #	43
16) Methylene chloride	2.53	84	3033	1.939 ug/L	100
25) Chloroform	4.42	83	5487	1.792 ug/L	81
40) 1,2-Dichloropropane	6.12	63	5855	3.698 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1554	0.620 ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	6049	4.548 ug/L #	87

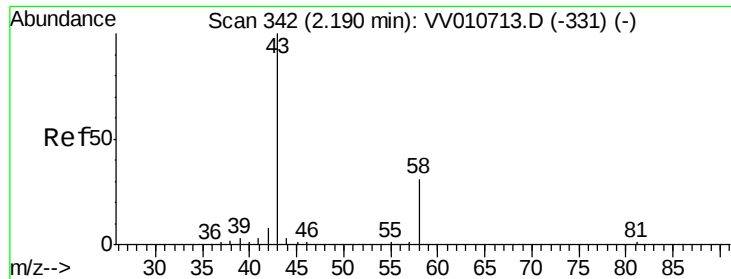
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.435 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

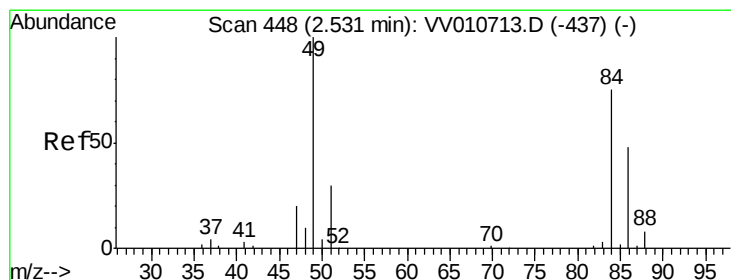
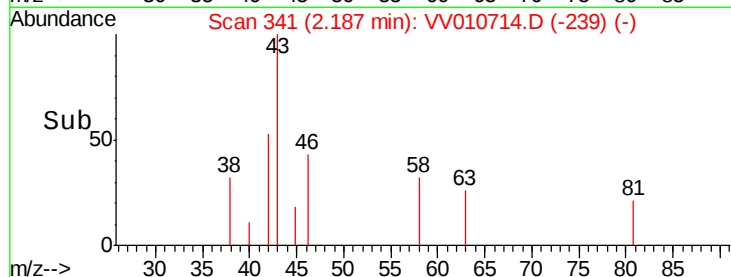
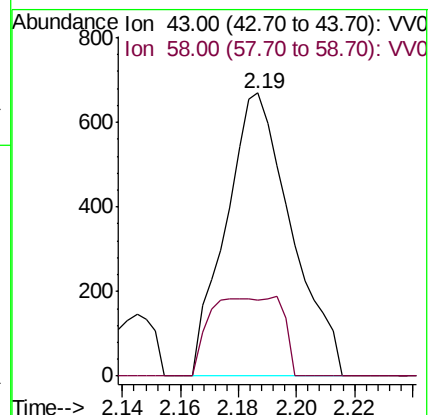
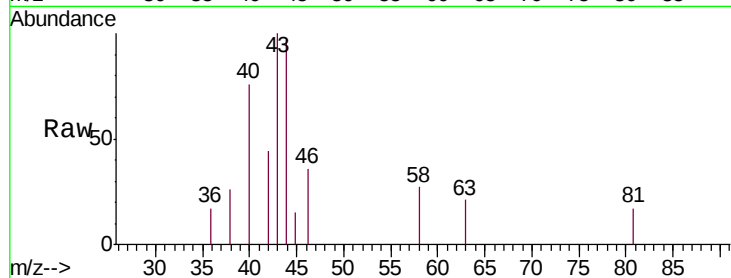
VBLK82

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



#16

Methylene chloride

Concen: 1.939 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

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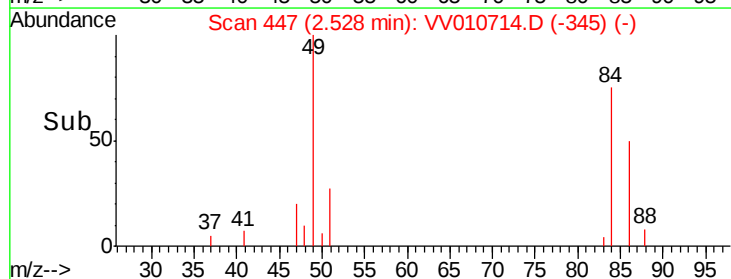
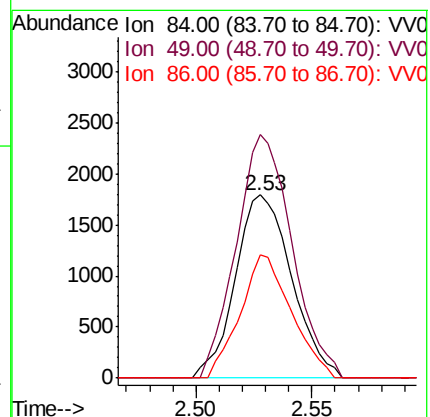
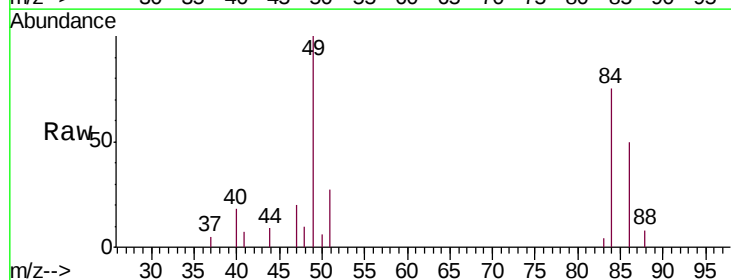
Tgt Ion: 84 Resp: 3033

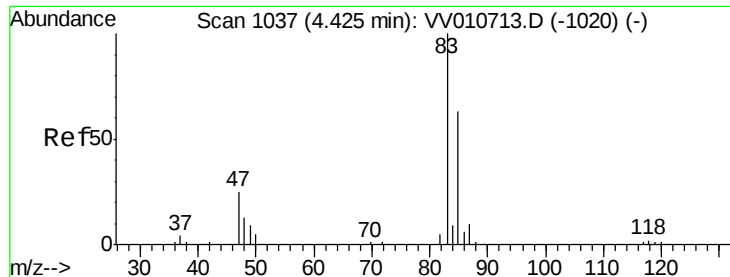
Ion Ratio Lower Upper

84 100

49 133.1 92.9 172.5

86 67.1 46.5 86.5





#25

Chloroform

Concen: 1.792 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

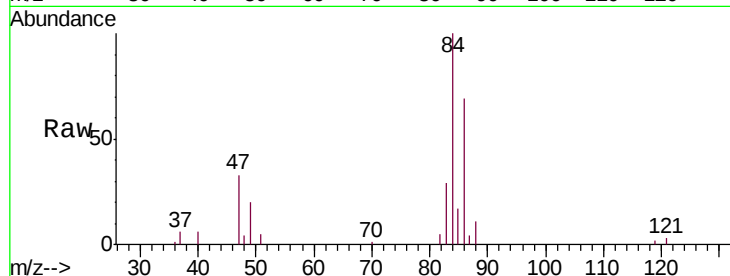
VBLK82

Tgt Ion: 83 Resp: 5487

Ion Ratio Lower Upper

83 100

85 49.0 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010713.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010714.D (-934) (-)

4.42

2500

2000

1500

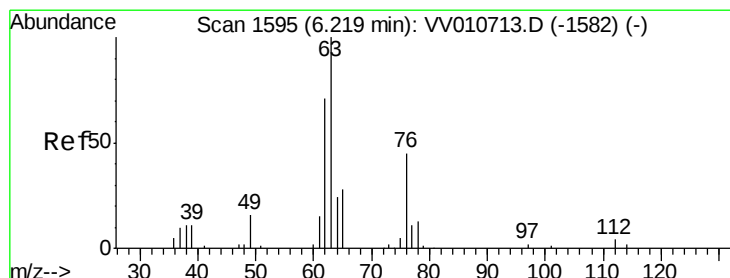
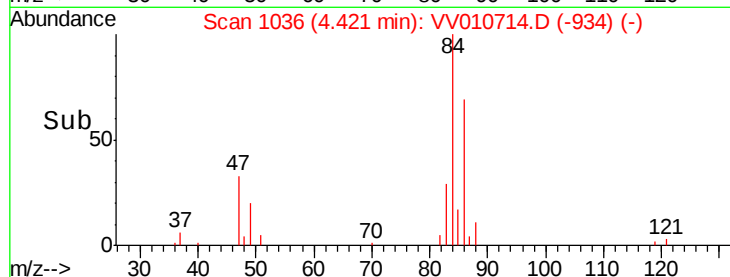
1000

500

0

4.35 4.40 4.45 4.50

Time-->



#40

1,2-Dichloropropane

Concen: 3.698 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010714.D

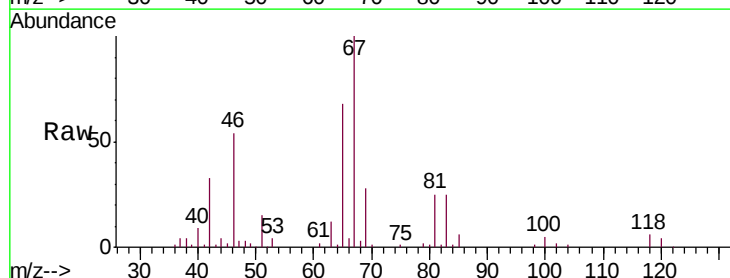
Acq: 08 May 2019 04:14

Tgt Ion: 63 Resp: 5855

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010713.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010714.D (-1492) (-)

6.12

3000

2500

2000

1500

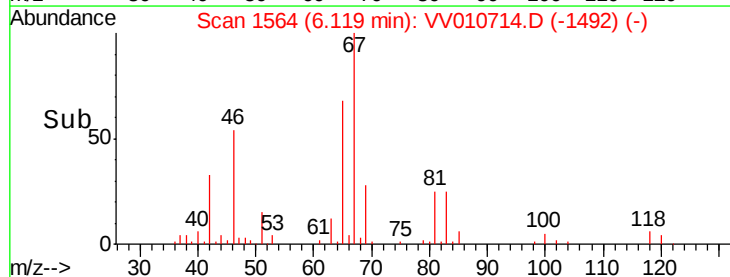
1000

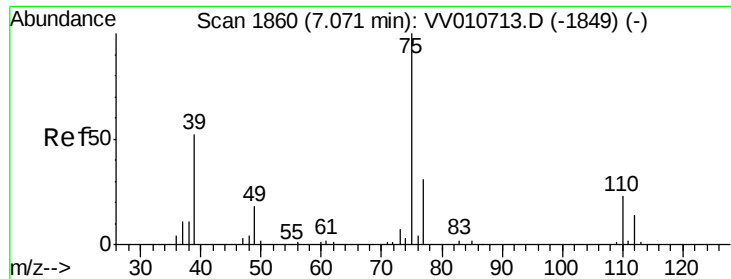
500

0

6.05 6.10 6.15

Time-->



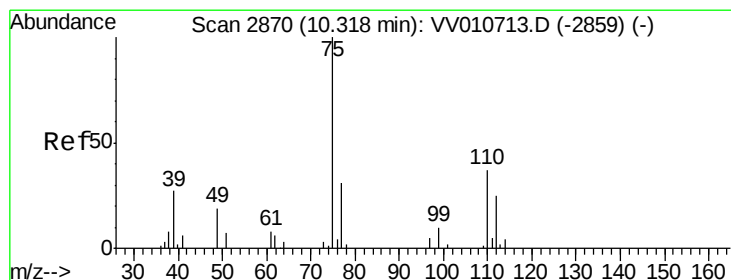
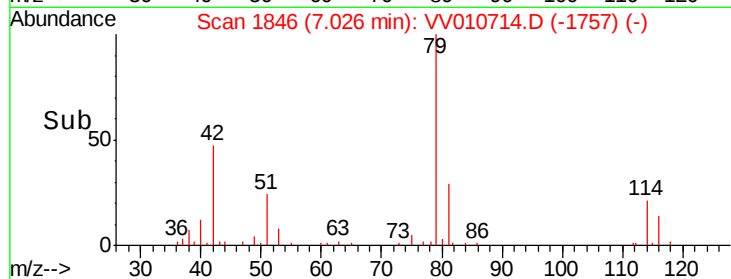
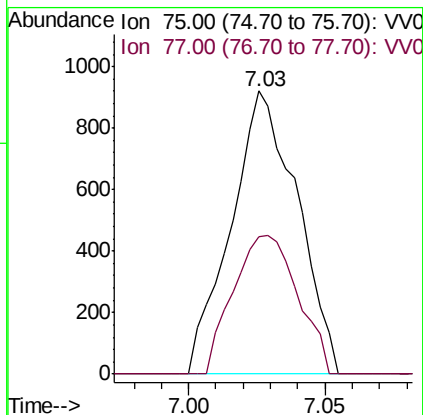
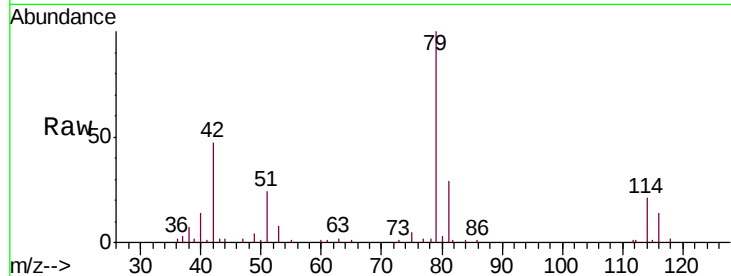


#42

cis-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010714.D
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Instrument :
MSVOA_V
ClientSampled :
VBLK82

Tgt Ion: 75 Resp: 1554
Ion Ratio Lower Upper
75 100
77 48.4 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 4.548 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010714.D
Acq: 08 May 2019 04:14

Tgt Ion: 75 Resp: 6049
Ion Ratio Lower Upper
75 100
77 38.4 25.0 37.6#

