

Data File : VV009979.D
Acq On : 28 Mar 2019 22:20
Operator : SY/MD
Sample : VV0328SBL02
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: Mar 29 04:23:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182120	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71902	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
7) Chloroethane-d5	1.57	69	82845	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
10) 1,1-Dichloroethene-d2	2.13	63	159386	15.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.08%
20) 2-Butanone-d5	3.93	46	34033	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
24) Chloroform-d	4.40	84	104482	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.08	65	71557	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.52%
29) Benzene-d6	5.10	84	232645	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	6.12	67	70194	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	7.36	98	209741	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.72%
38) trans-1,3-Dichloropropene-	7.66	79	24430	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.60%
39) 2-Hexanone-d5	8.13	63	21655	40.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61195	21.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	70283	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

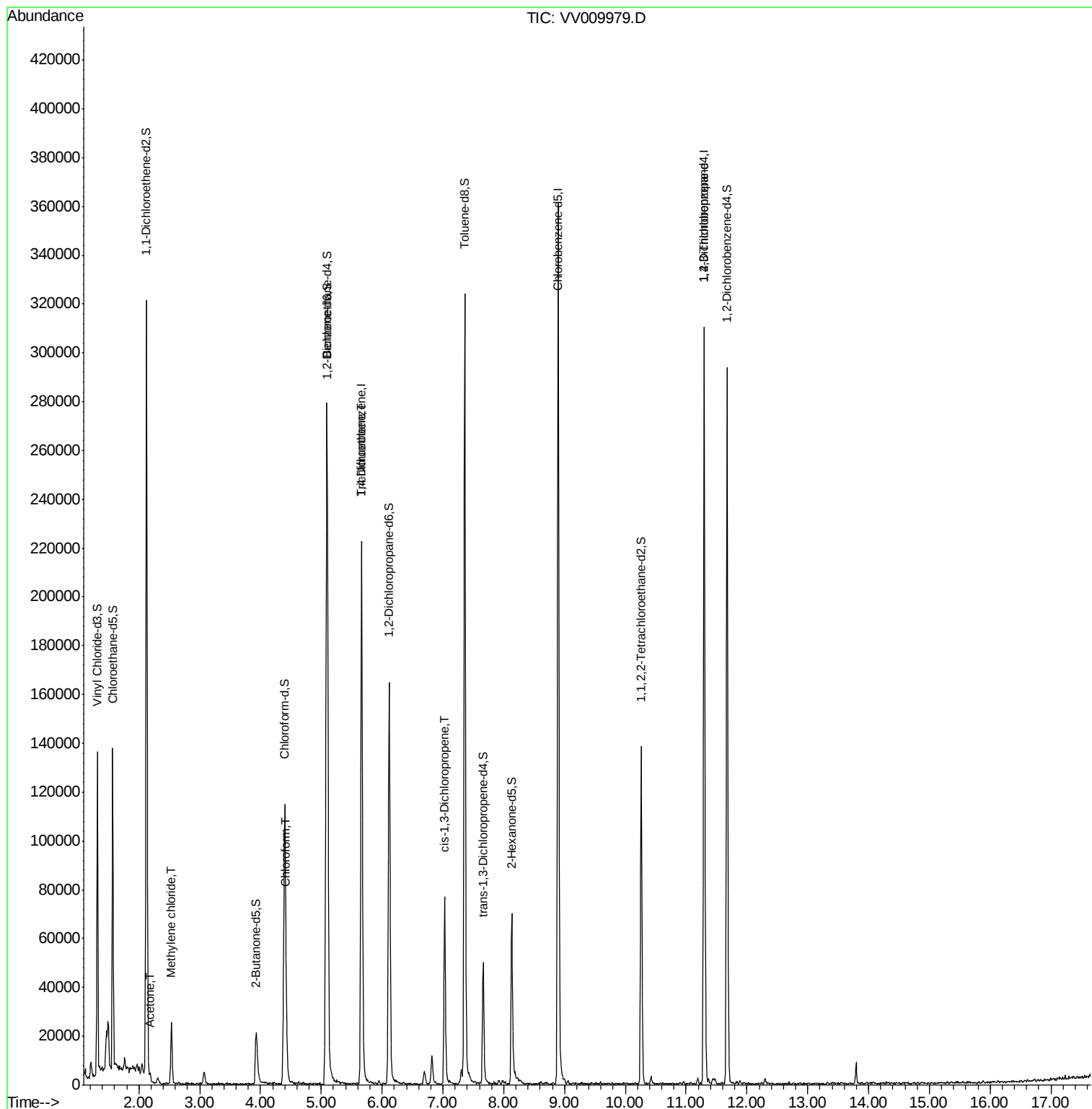
					Qvalue
13) Acetone	2.19	43	1413	1.355 ug/L	60
16) Methylene chloride	2.53	84	9414	3.139 ug/L	99
25) Chloroform	4.43	83	9622	1.994 ug/L #	49
35) Trichloroethene	5.66	95	5554	2.061 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1681	0.452 ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	11846	5.768 ug/L	91

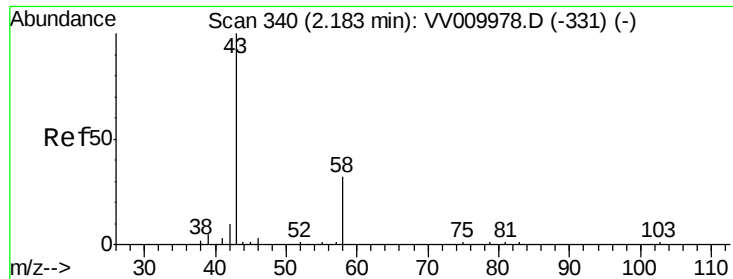
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.355 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

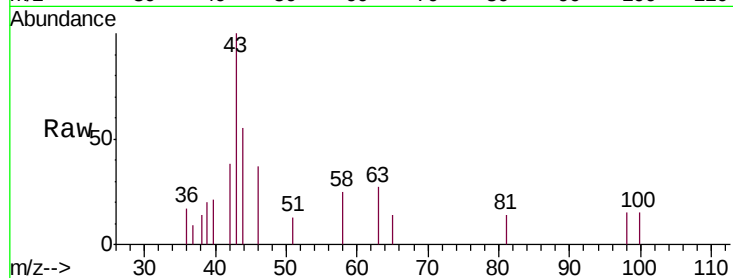
VBLK78

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 8.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009979.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV009979.D (-342) (-)

2.19

1200

1000

800

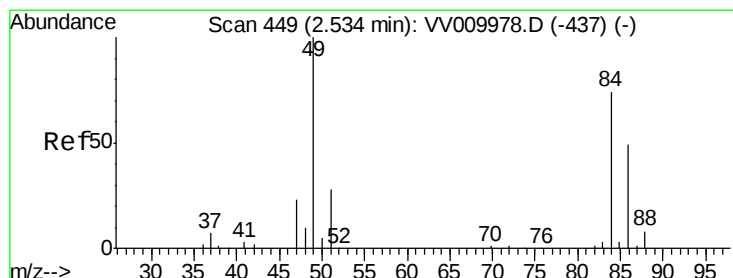
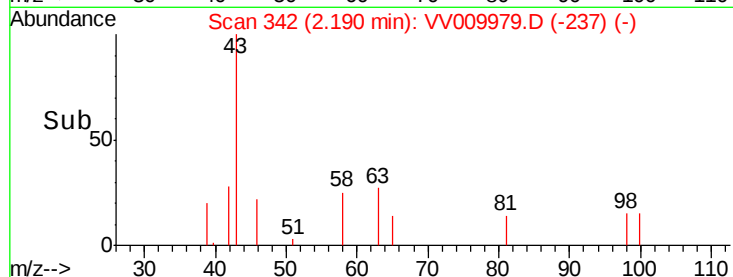
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 3.139 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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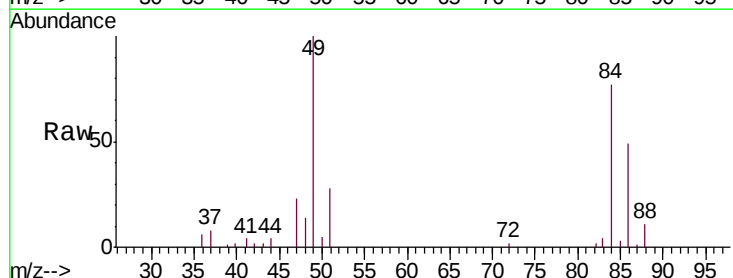
Tgt Ion: 84 Resp: 9414

Ion Ratio Lower Upper

84 100

49 130.2 90.4 167.8

86 63.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009979.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009979.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009979.D (-346) (-)

2.53

10000

8000

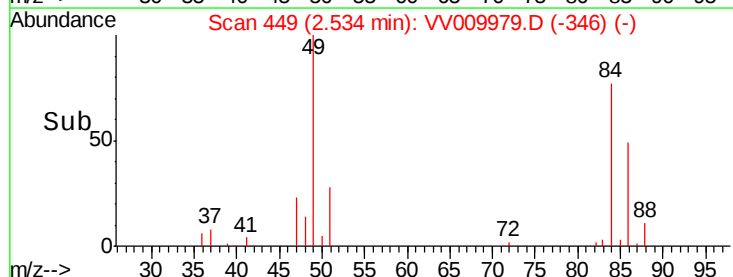
6000

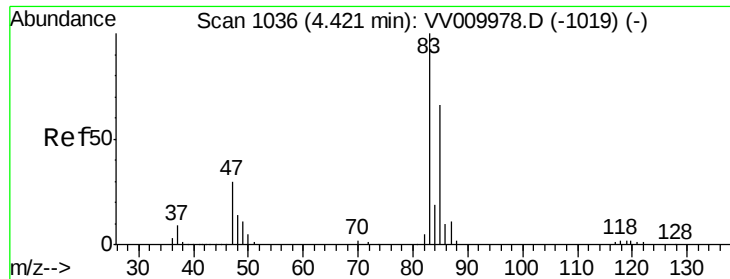
4000

2000

0

Time-->





#25

Chloroform

Concen: 1.994 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

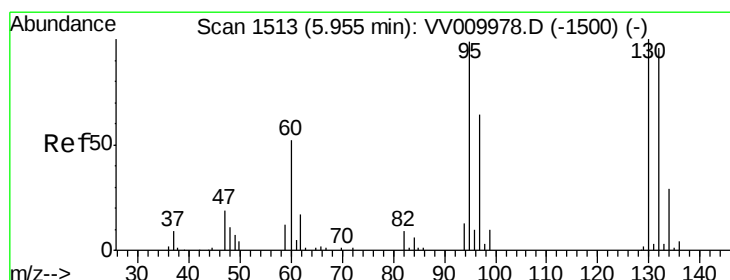
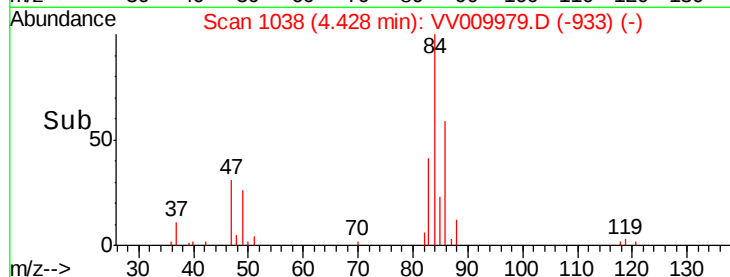
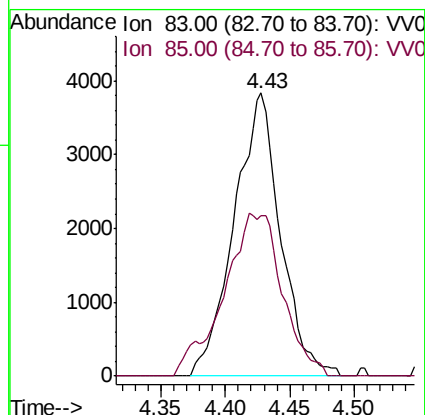
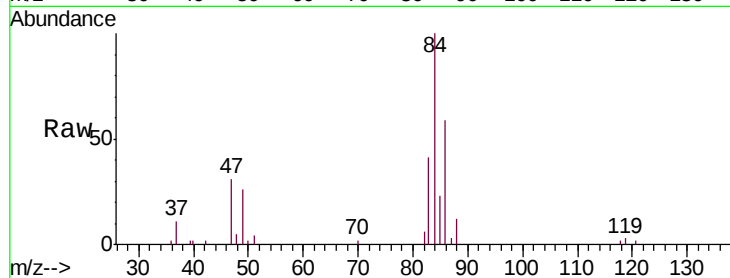
VBLK78

Tgt Ion: 83 Resp: 9622

Ion Ratio Lower Upper

83 100

85 25.3 46.1 85.7#



#35

Trichloroethene

Concen: 2.061 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV009979.D

Acq: 28 Mar 2019 22:20

Tgt Ion: 95 Resp: 5554

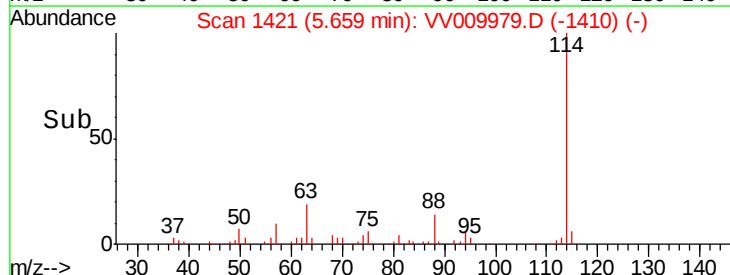
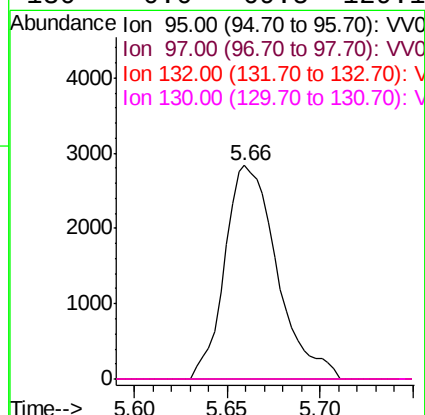
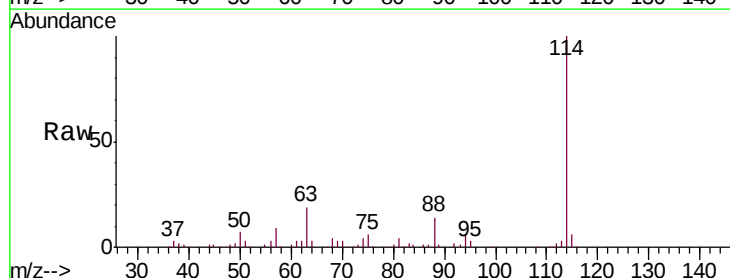
Ion Ratio Lower Upper

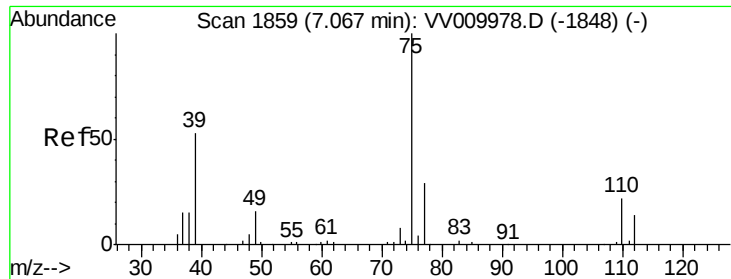
95 100

97 0.0 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#



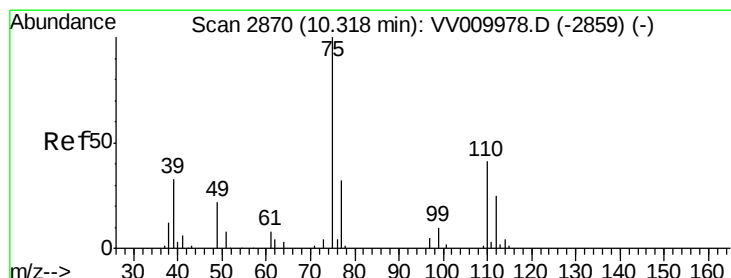
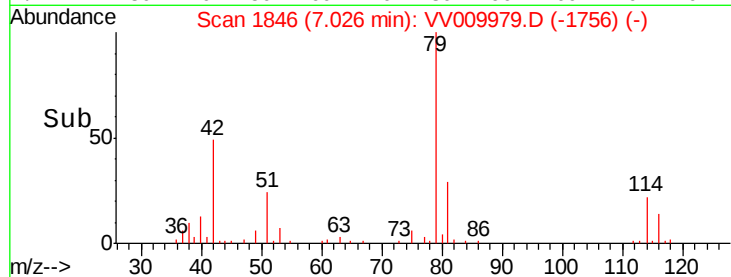
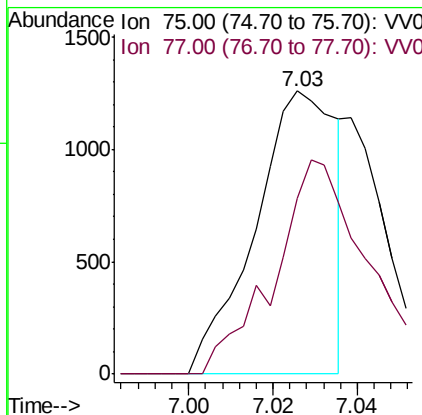
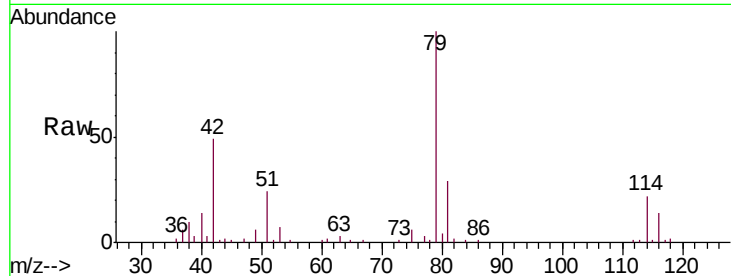


#42

cis-1,3-Dichloropropene
Concen: 0.452 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampled :
VBLK78

Tgt Ion: 75 Resp: 1681
Ion Ratio Lower Upper
75 100
77 62.4 21.8 40.6#



#59

1,2,3-Trichloropropane
Concen: 5.768 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009979.D
Acq: 28 Mar 2019 22:20

Tgt Ion: 75 Resp: 11846
Ion Ratio Lower Upper
75 100
77 37.8 26.2 39.2

