

Data File : VV009498.D
Acq On : 05 Mar 2019 21:00
Operator : SY/MD
Sample : K1662-13
Misc : 5.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF669

Quant Time: Mar 06 04:16:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152294	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	126690	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40975	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41241	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	71386	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	2.13	63	85612	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	3.95	46	32855	52.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.18%
24) Chloroform-d	4.40	84	90085	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.08	65	58685	28.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.72%
29) Benzene-d6	5.10	84	182621	29.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.40%
33) 1,2-Dichloropropane-d6	6.12	67	58046	31.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.40%#
37) Toluene-d8	7.36	98	164752	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
38) trans-1,3-Dichloropropene-	7.66	79	24114	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.48%
39) 2-Hexanone-d5	8.14	63	28448	65.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50767	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	38021	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

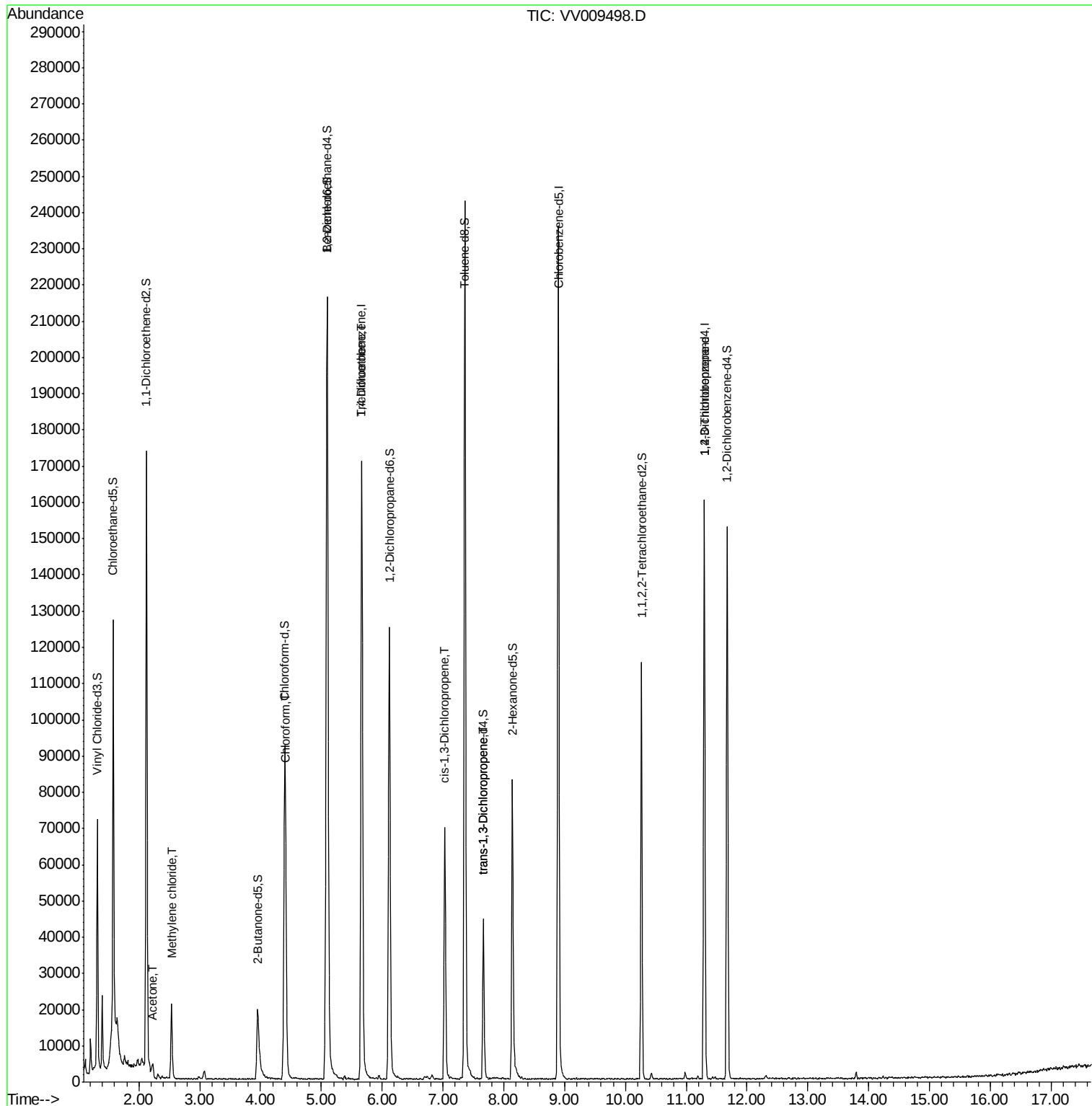
					Qvalue
13) Acetone	2.21	43	1247	1.963 ug/L	82
16) Methylene chloride	2.54	84	8203	4.104 ug/L	98
25) Chloroform	4.42	83	3914	1.094 ug/L #	73
35) Trichloroethene	5.67	95	4553	2.420 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1935	0.738 ug/L #	79
45) trans-1,3-Dichloropropene	7.66	75	1475	0.645 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	5319	3.726 ug/L #	87

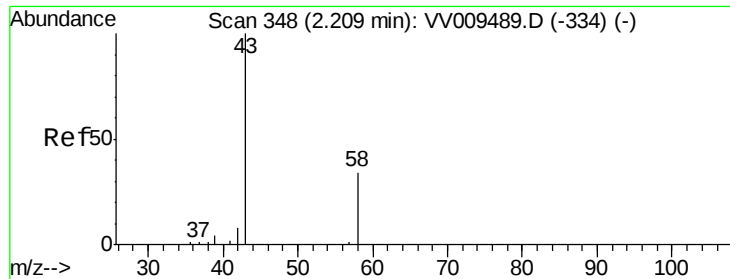
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.963 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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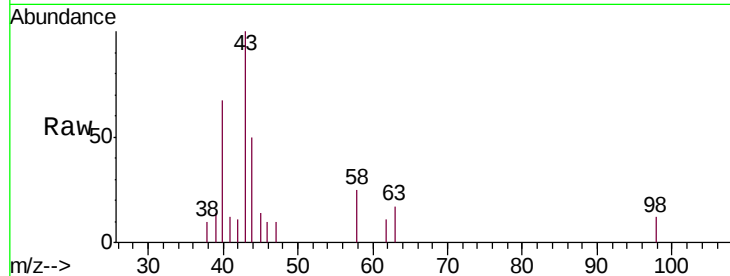
BF669

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 23.8 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009498.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009498.D (-334) (-)

2.21

1200

1000

800

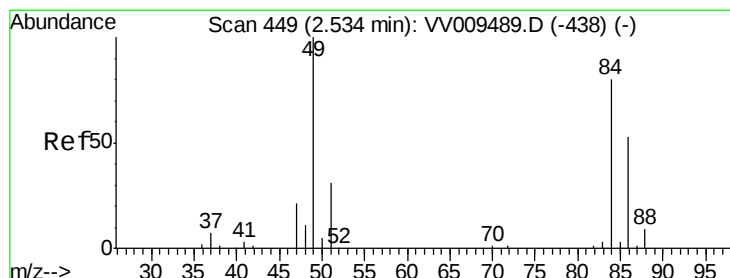
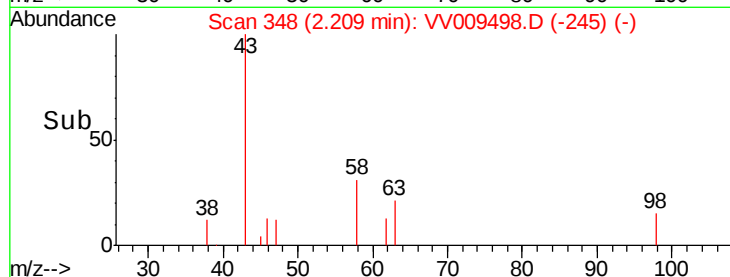
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 4.104 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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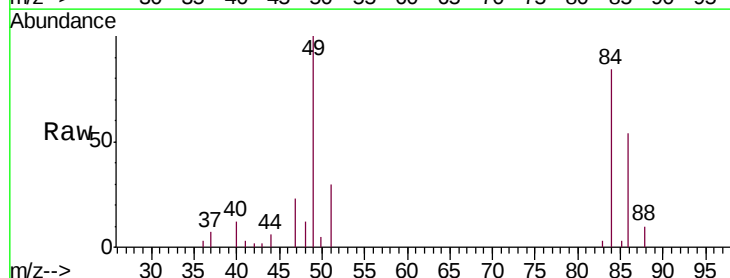
Tgt Ion: 84 Resp: 8203

Ion Ratio Lower Upper

84 100

49 118.5 84.6 157.0

86 64.3 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009498.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009498.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009498.D (-438) (-)

2.54

8000

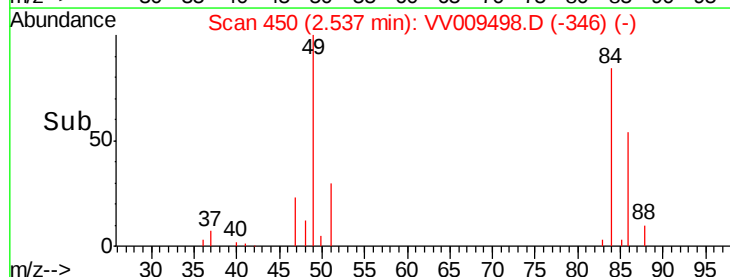
6000

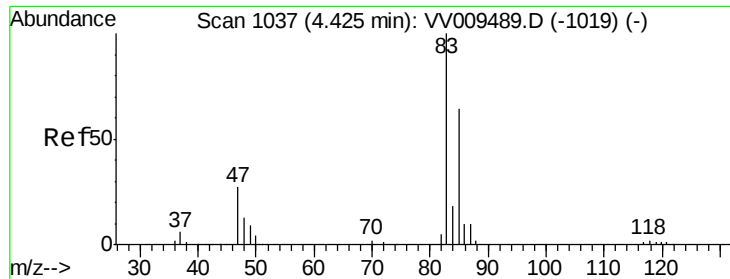
4000

2000

0

Time-->





#25

Chloroform

Concen: 1.094 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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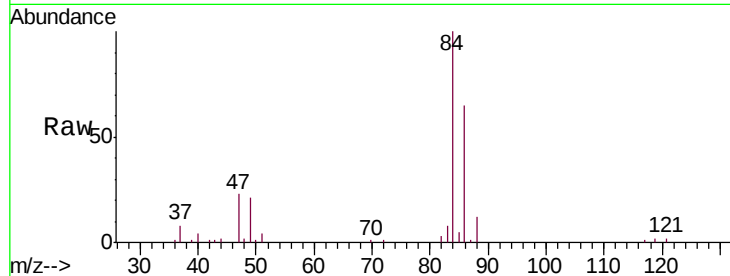
BF669

Tgt Ion: 83 Resp: 3914

Ion Ratio Lower Upper

83 100

85 43.8 45.4 84.2#



Abundance Ion 83.00 (82.70 to 83.70): VV009489.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009489.D (-1019) (-)

4.42

1500

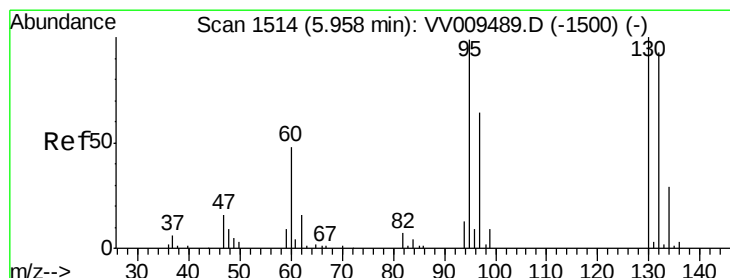
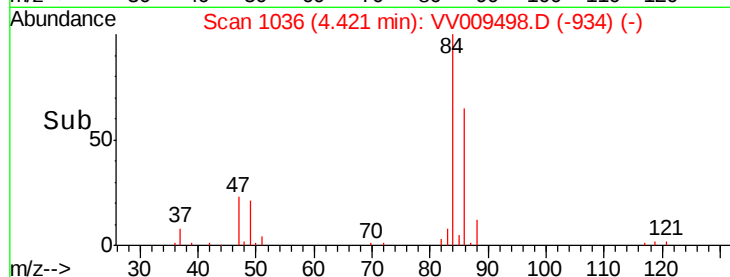
1000

500

0

4.35 4.40 4.45 4.50

Time-->



#35

Trichloroethene

Concen: 2.420 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009498.D

Acq: 05 Mar 2019 21:00

Tgt Ion: 95 Resp: 4553

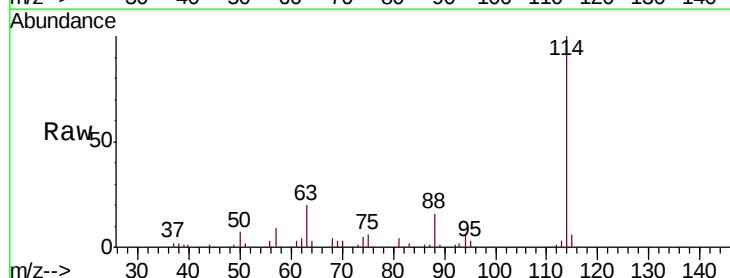
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



Abundance Ion 95.00 (94.70 to 95.70): VV009489.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009489.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009489.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009489.D (-1500) (-)

3000

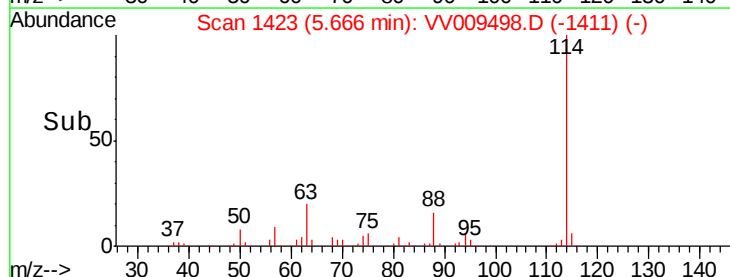
2000

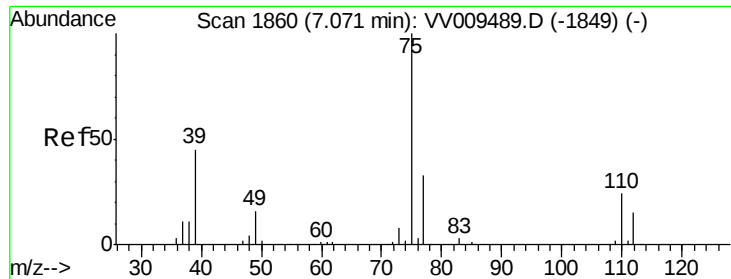
1000

0

5.60 5.65 5.70

Time-->



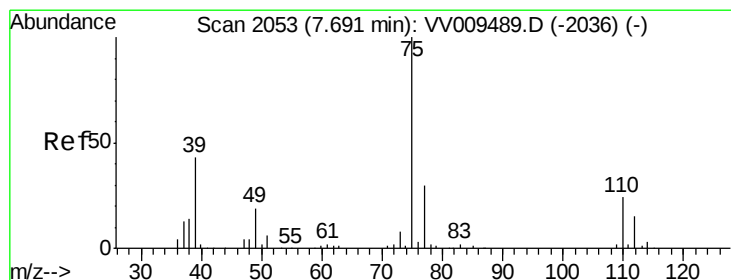
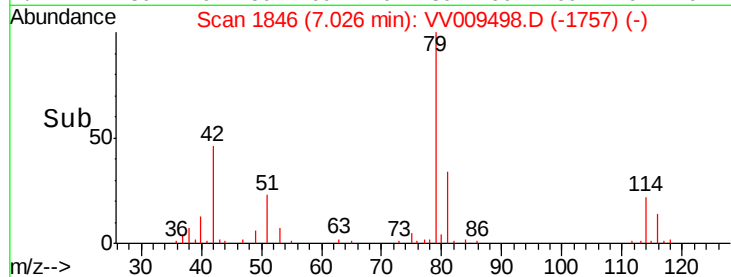
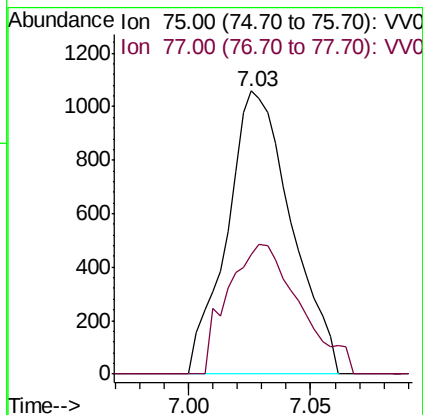
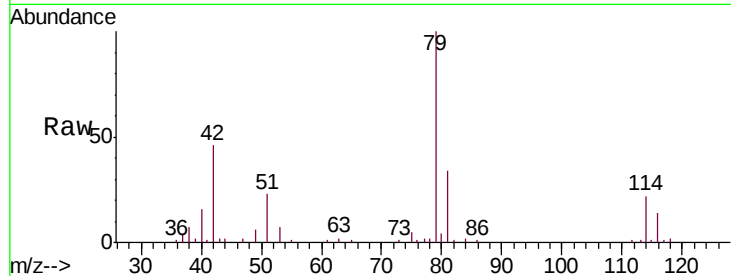


#42

cis-1,3-Dichloropropene
 Concen: 0.738 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
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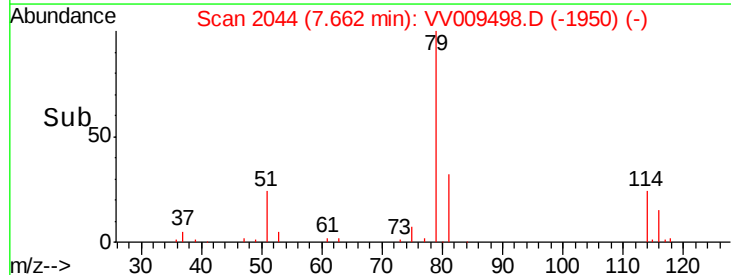
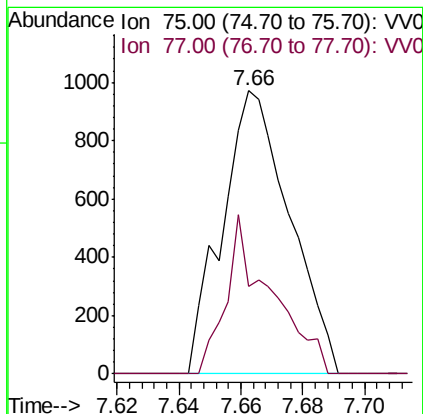
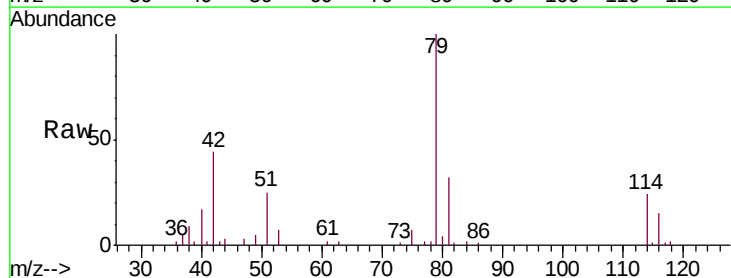
Tgt Ion: 75 Resp: 1935
 Ion Ratio Lower Upper
 75 100
 77 42.1 21.4 39.8#

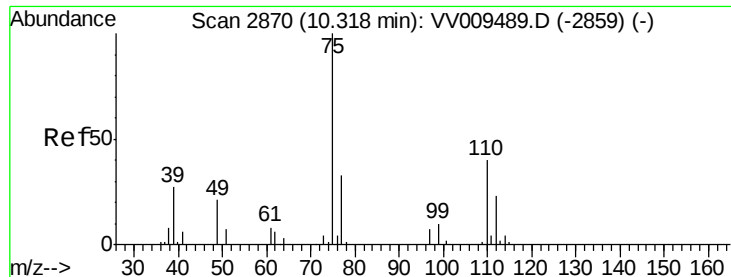


#45

trans-1,3-Dichloropropene
 Concen: 0.645 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009498.D
 Acq: 05 Mar 2019 21:00

Tgt Ion: 75 Resp: 1475
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 3.726 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009498.D

Acq: 05 Mar 2019 21:00

Instrument :

MSVOA_V

ClientSampleId :

BF669

Tgt Ion: 75 Resp: 5319

Ion Ratio Lower Upper

75 100

77 39.6 25.9 38.9#

