

Data File : VV009518.D
Acq On : 06 Mar 2019 14:52
Operator : SY/MD
Sample : K1726-14
Misc : 5.31G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF669

Quant Time: Mar 07 02:56:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141447	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	126127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48444	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39074	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	67928	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.36%
10) 1,1-Dichloroethene-d2	2.13	63	78695	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	3.95	46	23363	40.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.54%
24) Chloroform-d	4.40	84	88099	26.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	5.08	65	54382	28.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.48%
29) Benzene-d6	5.10	84	176148	28.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.80%
33) 1,2-Dichloropropane-d6	6.12	67	58178	31.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.24%#
37) Toluene-d8	7.36	98	159091	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.48%
38) trans-1,3-Dichloropropene-	7.66	79	22348	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.08%
39) 2-Hexanone-d5	8.14	63	18850	43.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46966	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	48088	27.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.76%

Target Compounds

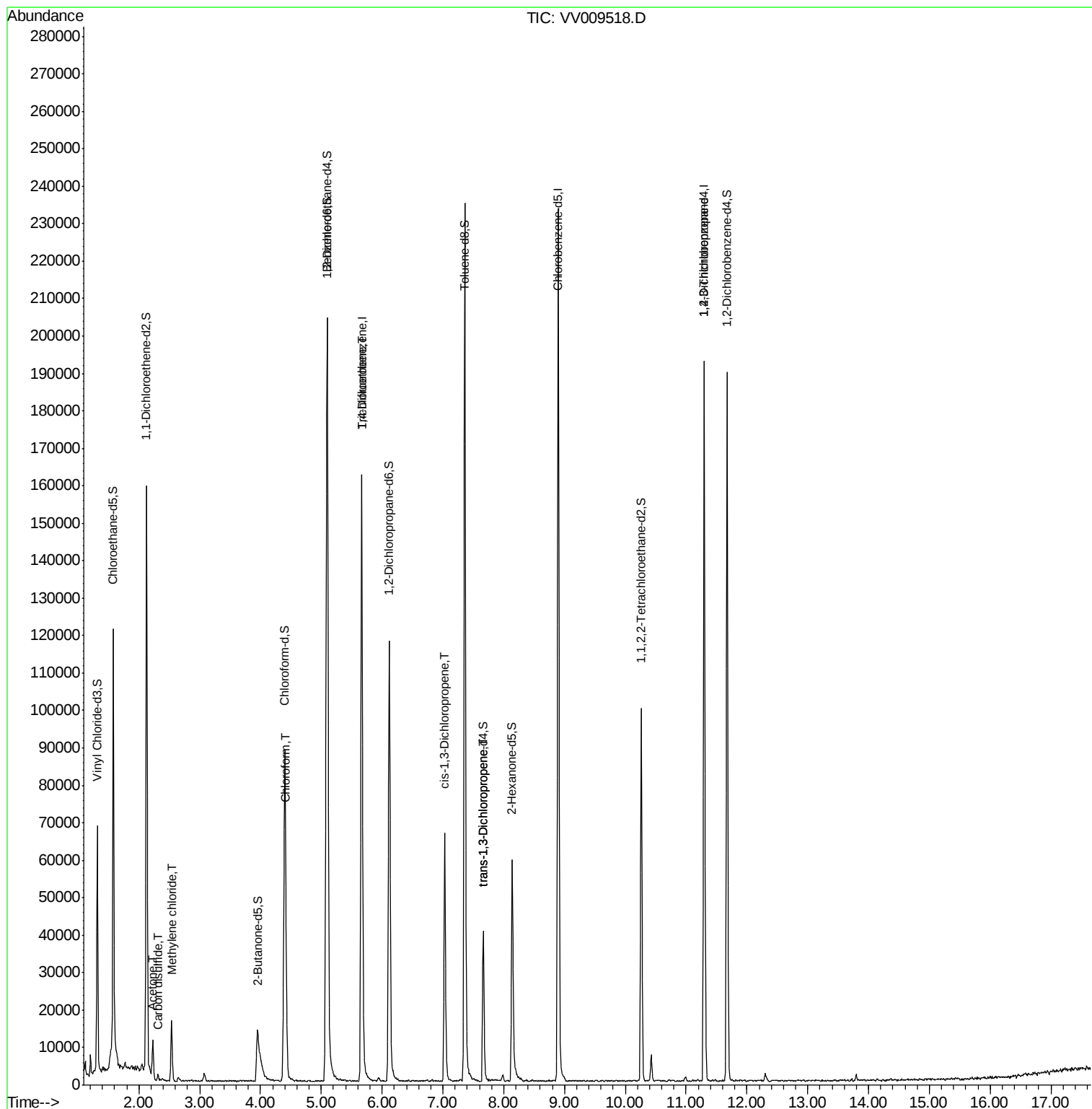
					Qvalue
13) Acetone	2.21	43	1975	3.348 ug/L	74
14) Carbon disulfide	2.32	76	1860	0.390 ug/L	96
16) Methylene chloride	2.54	84	6646	3.580 ug/L	90
25) Chloroform	4.42	83	1779	0.536 ug/L #	53
35) Trichloroethene	5.67	95	4491	2.398 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1942	0.744 ug/L #	57
45) trans-1,3-Dichloropropene	7.67	75	1281	0.562 ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	7099	4.996 ug/L	91

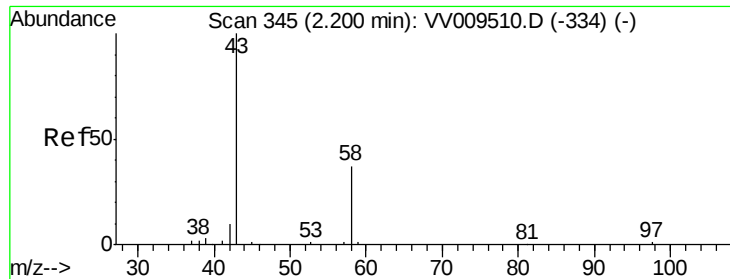
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.348 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV009518.D

Acq: 06 Mar 2019 14:52

Instrument :

MSVOA_V

ClientSampled :

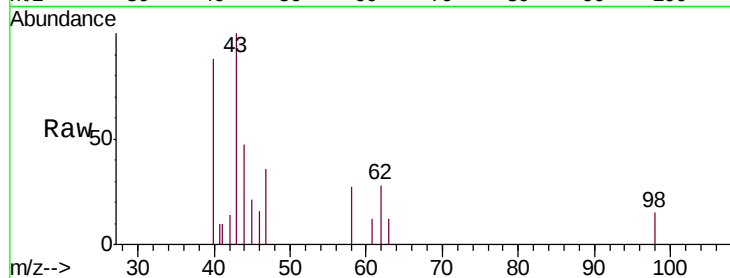
BF669

Tgt Ion: 43 Resp: 1975

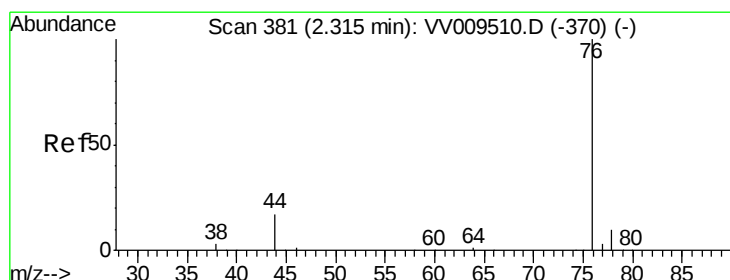
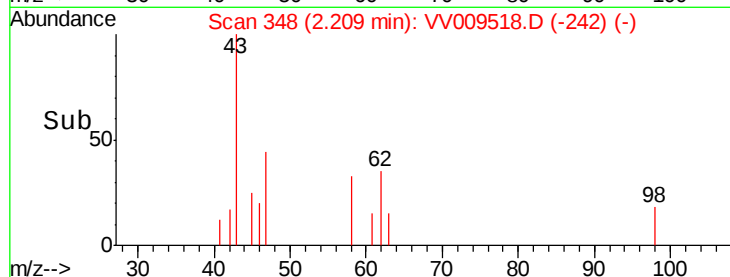
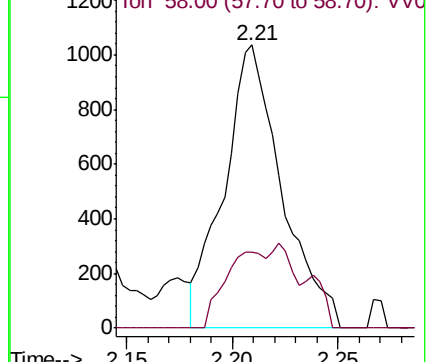
Ion Ratio Lower Upper

43 100

58 19.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009518.D (-242) (-)



#14

Carbon disulfide

Concen: 0.390 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV009518.D

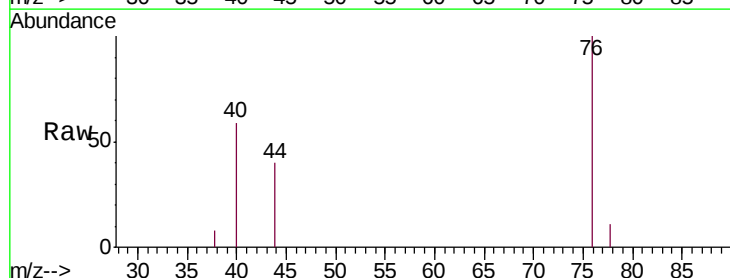
Acq: 06 Mar 2019 14:52

Tgt Ion: 76 Resp: 1860

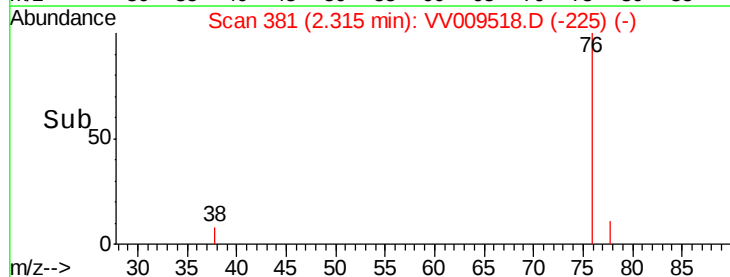
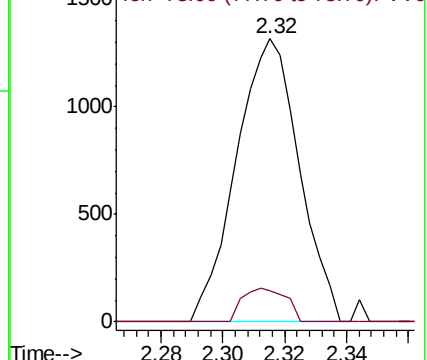
Ion Ratio Lower Upper

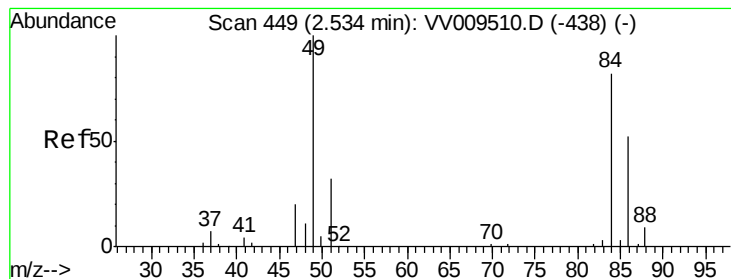
76 100

78 11.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VV009518.D (-225) (-)





#16

Methylene chloride

Concen: 3.580 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009518.D

Acq: 06 Mar 2019 14:52

Instrument :

MSVOA_V

ClientSampled :

BF669

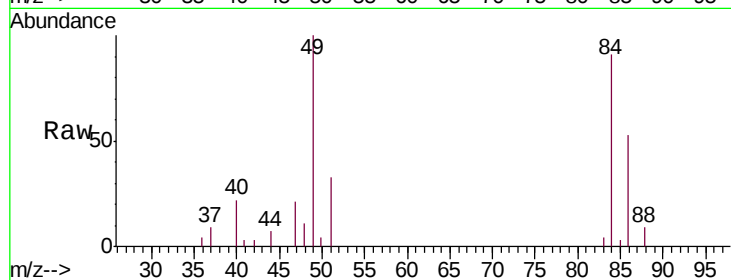
Tgt Ion: 84 Resp: 6646

Ion Ratio Lower Upper

84 100

49 109.5 84.6 157.0

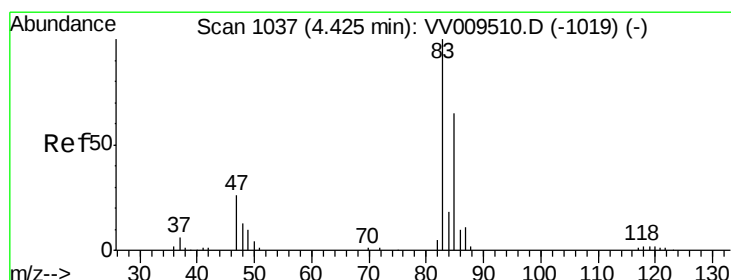
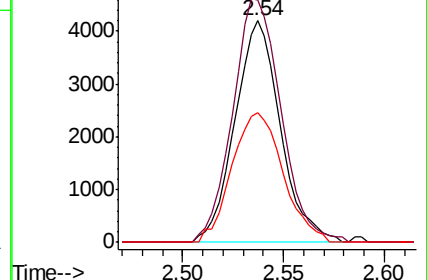
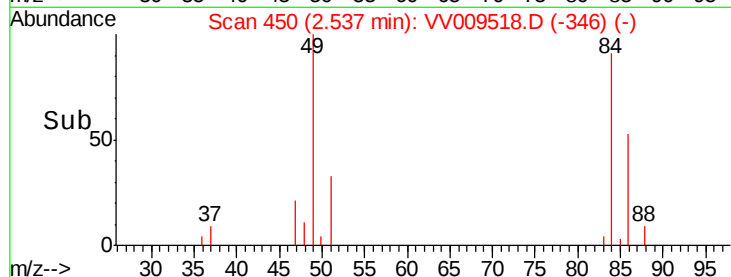
86 58.4 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009518.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV009518.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV009518.D (-450) (-)



#25

Chloroform

Concen: 0.536 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV009518.D

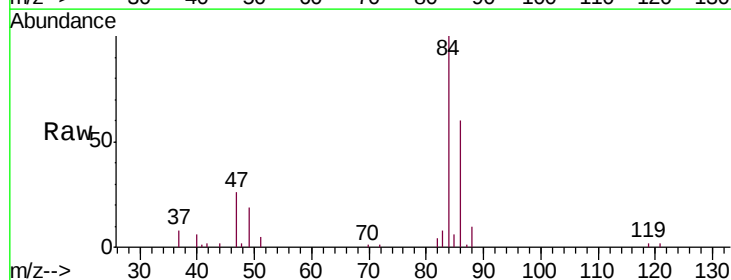
Acq: 06 Mar 2019 14:52

Tgt Ion: 83 Resp: 1779

Ion Ratio Lower Upper

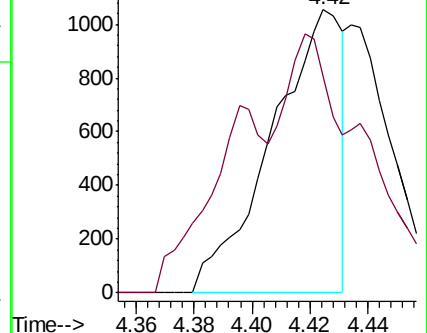
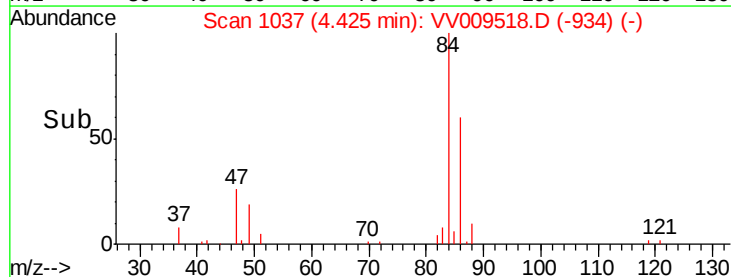
83 100

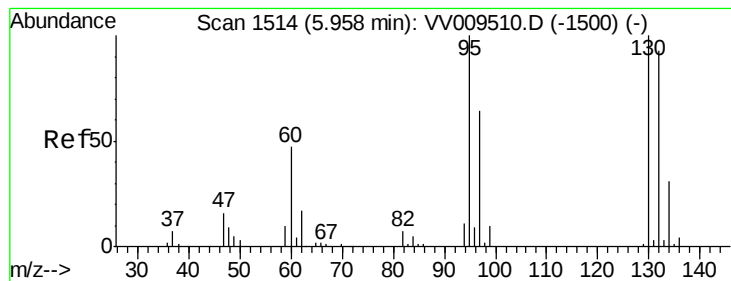
85 27.5 45.4 84.2#



Abundance Ion 83.00 (82.70 to 83.70): VV009518.D (-1037) (-)

Ion 85.00 (84.70 to 85.70): VV009518.D (-1037) (-)





#35

Trichloroethene

Concen: 2.398 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009518.D

Acq: 06 Mar 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

BF669

Tgt Ion: 95 Resp: 4491

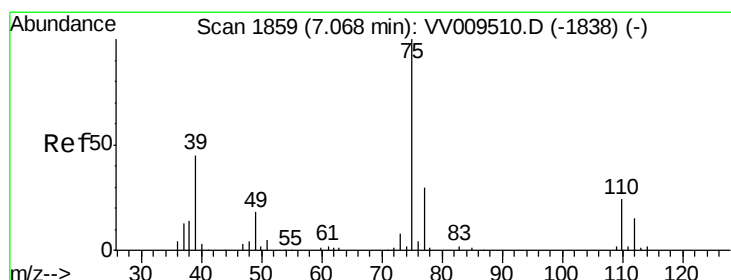
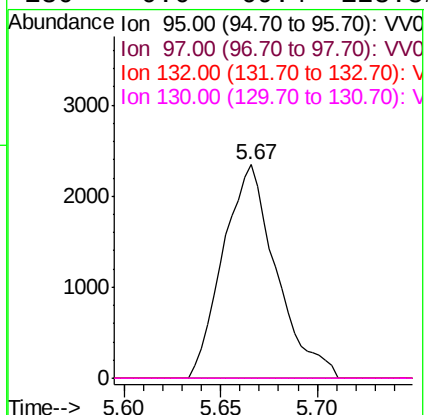
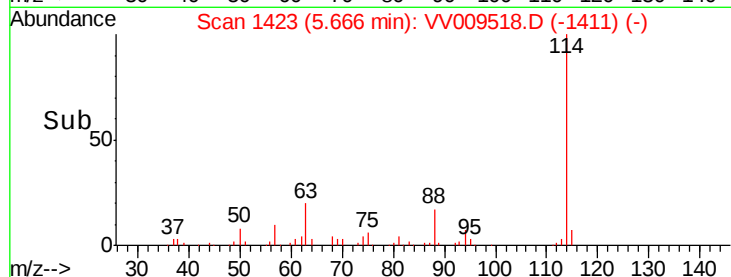
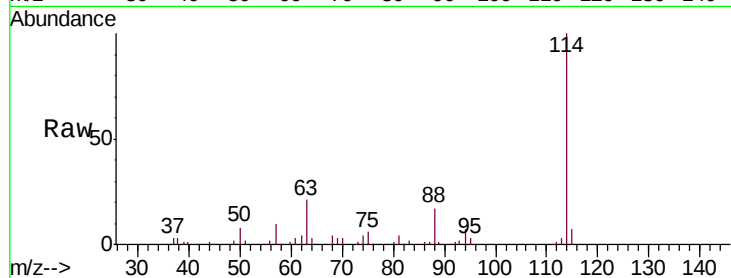
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



#42

cis-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009518.D

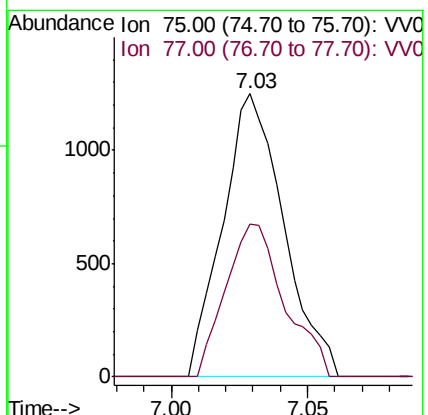
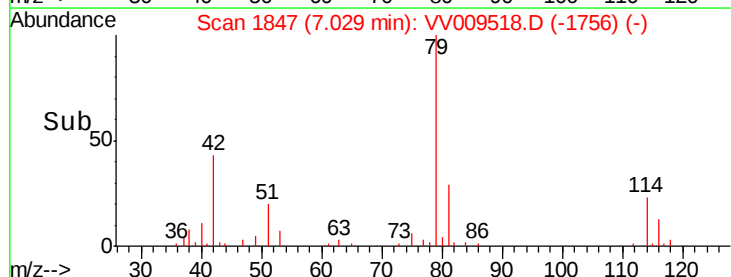
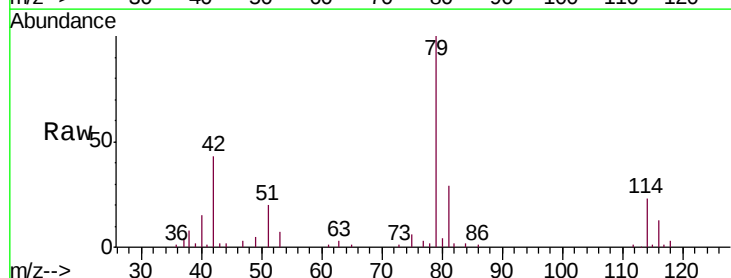
Acq: 06 Mar 2019 14:52

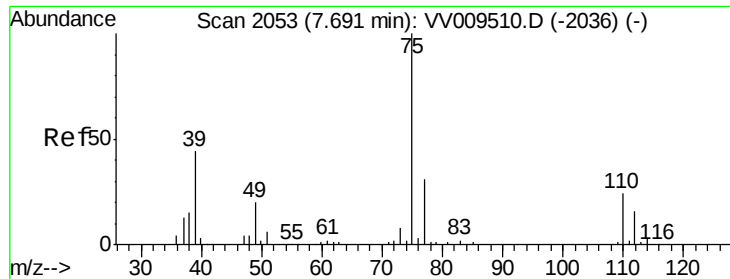
Tgt Ion: 75 Resp: 1942

Ion Ratio Lower Upper

75 100

77 53.9 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009518.D

Acq: 06 Mar 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

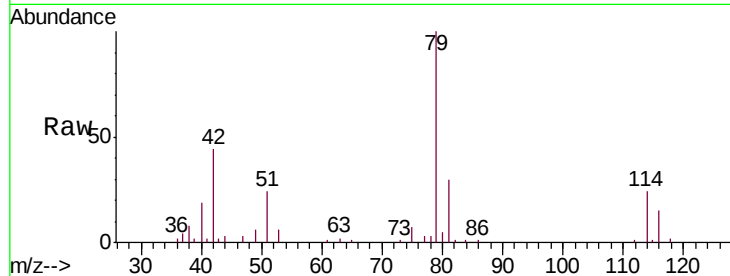
BF669

Tgt Ion: 75 Resp: 1281

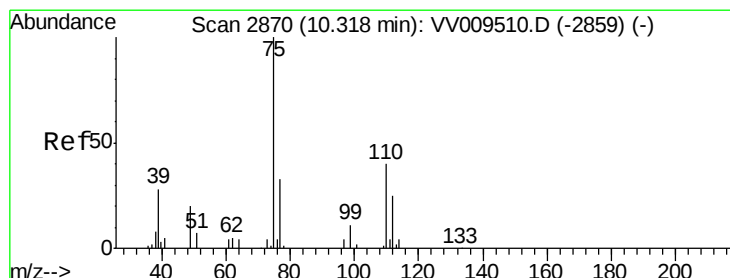
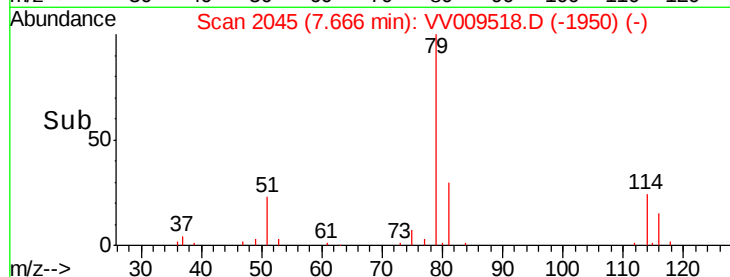
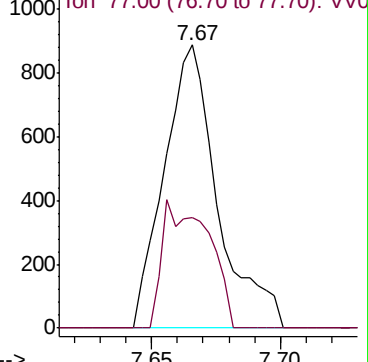
Ion Ratio Lower Upper

75 100

77 39.1 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009518.D (-1950) (-)



#59

1,2,3-Trichloropropane

Concen: 4.996 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009518.D

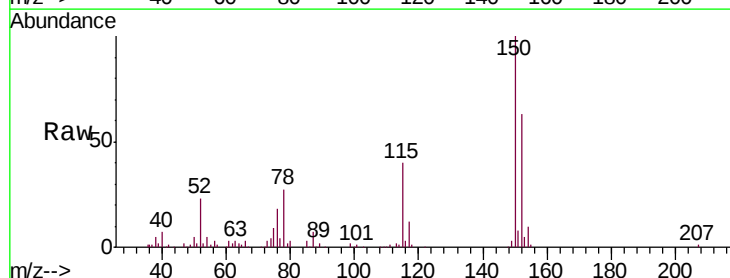
Acq: 06 Mar 2019 14:52

Tgt Ion: 75 Resp: 7099

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV009518.D (-2248) (-)

