

Data File : VV009400.D
Acq On : 27 Feb 2019 16:05
Operator : SY/MD
Sample : K1626-07
Misc : 3.68G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF666

Quant Time: Feb 28 04:36:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	160461	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133955	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34846	17.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.04%
7) Chloroethane-d5	1.58	69	56615	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	2.13	63	78159	14.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
20) 2-Butanone-d5	3.95	46	20193	33.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.40%
24) Chloroform-d	4.40	84	87180	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	49649	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	5.10	84	173350	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	6.12	67	56314	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	7.36	98	162894	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	7.67	79	22939	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.96%
39) 2-Hexanone-d5	8.14	63	17754	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40475	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	35798	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

Target Compounds

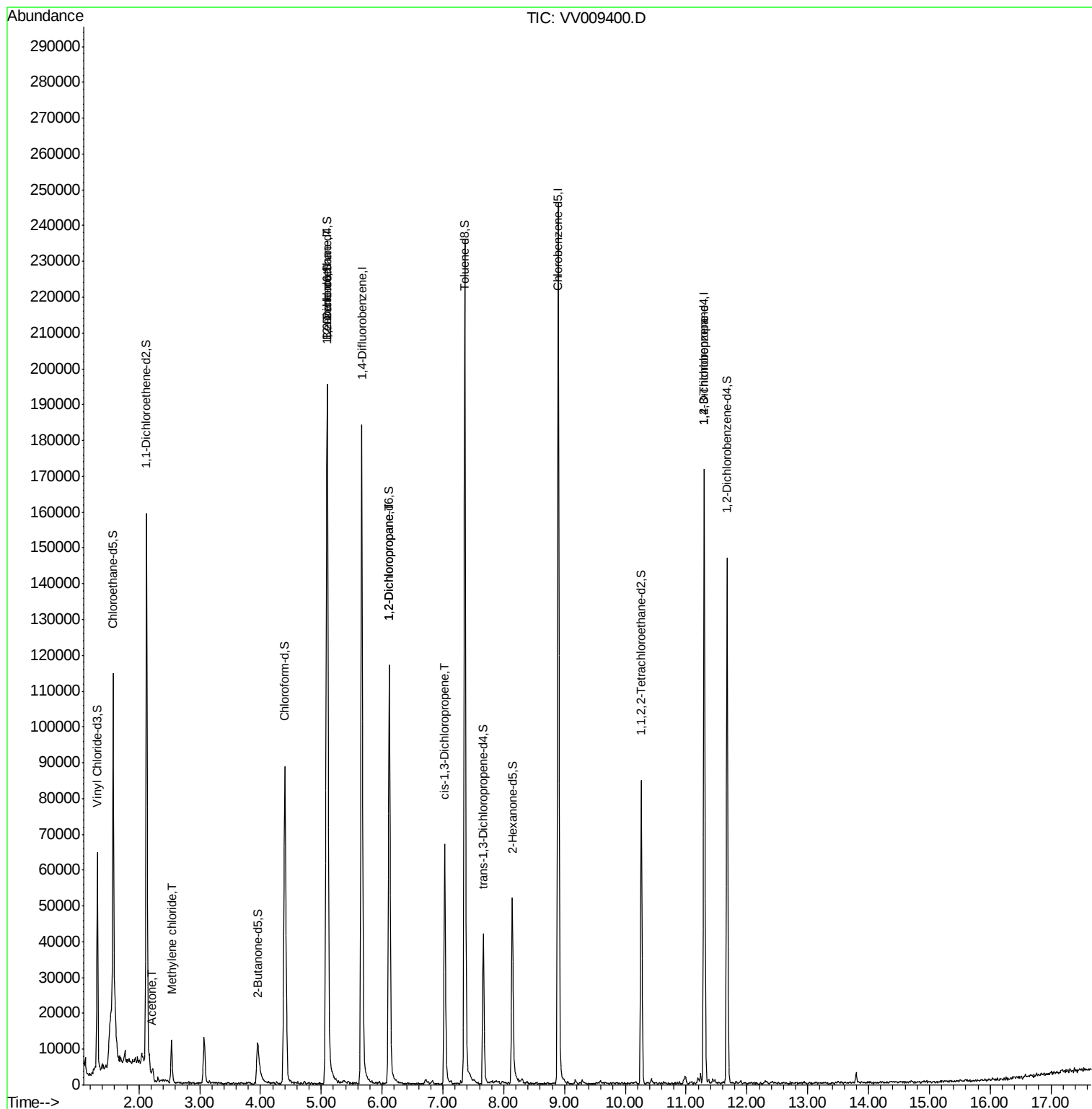
						Qvalue
13) Acetone	2.21	43	1672	2.405	ug/L	74
16) Methylene chloride	2.54	84	5113	2.353	ug/L	94
27) 1,2-Dichloroethane	5.11	62	1024	0.382	ug/L #	77
40) 1,2-Dichloropropane	6.12	63	6309	3.400	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2036	0.691	ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	6703	4.516	ug/L	90

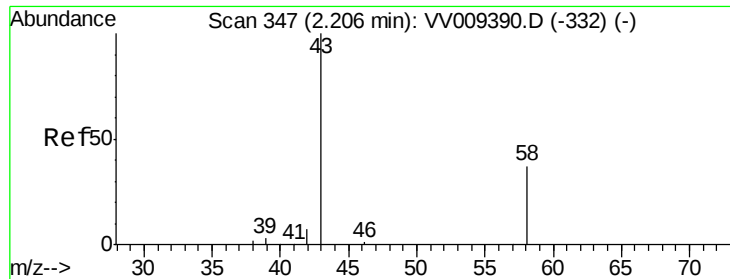
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.405 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009400.D

Acq: 27 Feb 2019 16:05

Instrument :

MSVOA_V

ClientSampled :

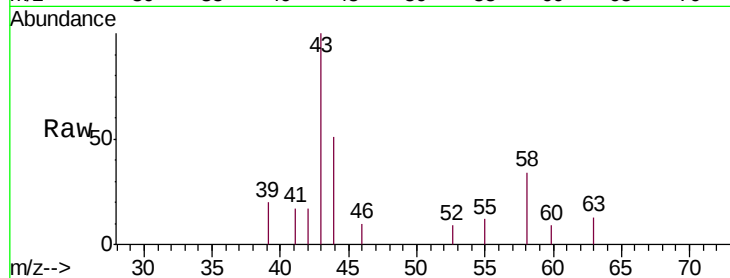
BF666

Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

43 100

58 49.5 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009400.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009400.D (-244) (-)

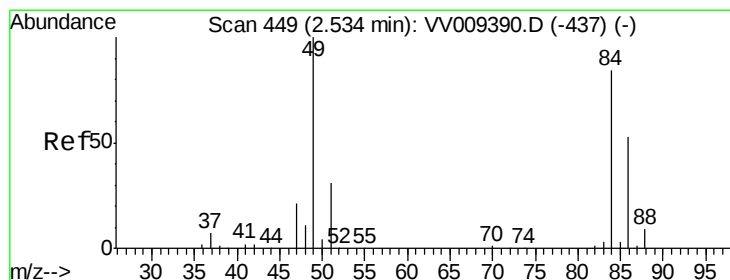
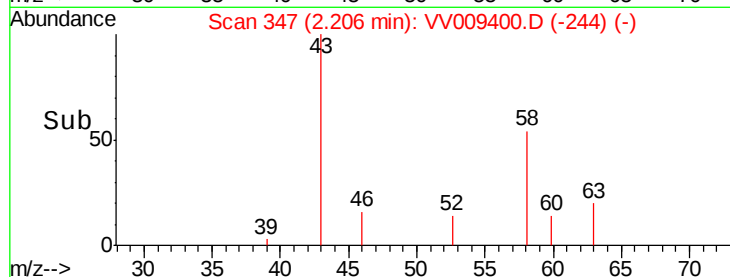
2.21

1000

500

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.353 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009400.D

Acq: 27 Feb 2019 16:05

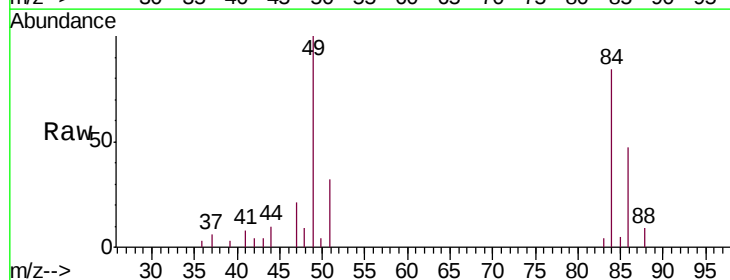
Tgt Ion: 84 Resp: 5113

Ion Ratio Lower Upper

84 100

49 118.4 84.6 157.0

86 56.1 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009400.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009400.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009400.D (-346) (-)

2.54

5000

4000

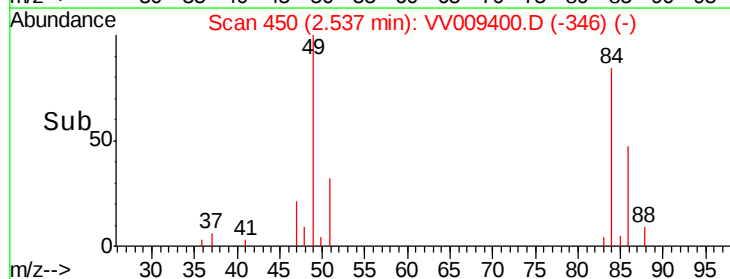
3000

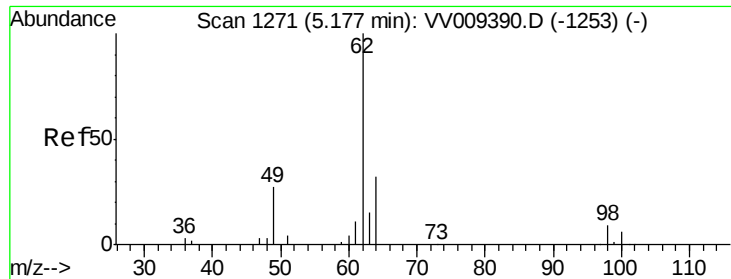
2000

1000

0

Time--> 2.50 2.55 2.60

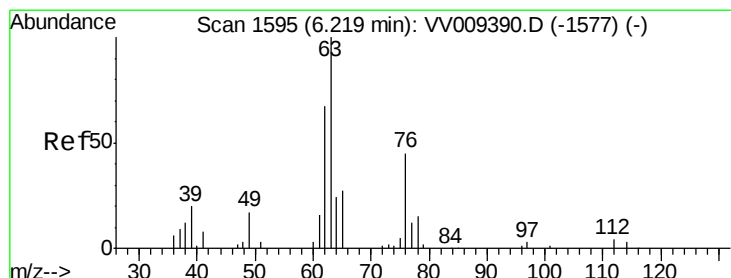
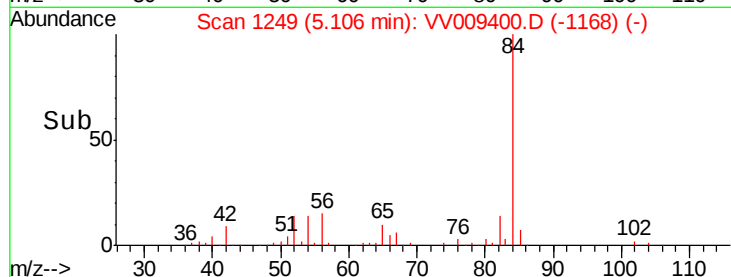
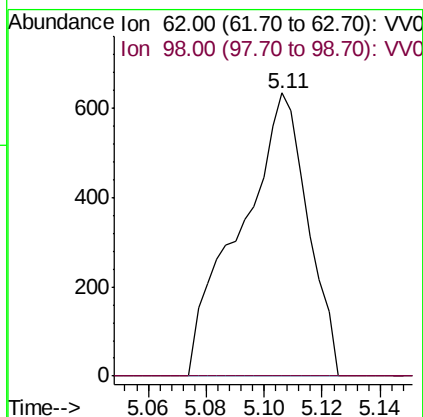
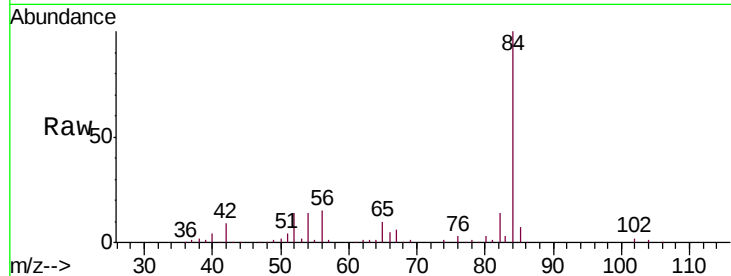




#27
 1,2-Dichloroethane
 Concen: 0.382 ug/L
 RT: 5.11 min Scan# 1249
 Delta R.T. -0.07 min
 Lab File: VV009400.D
 Acq: 27 Feb 2019 16:05

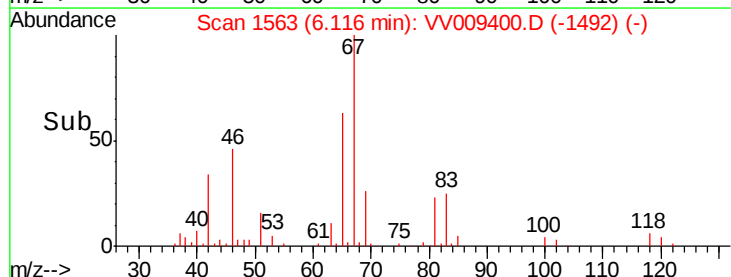
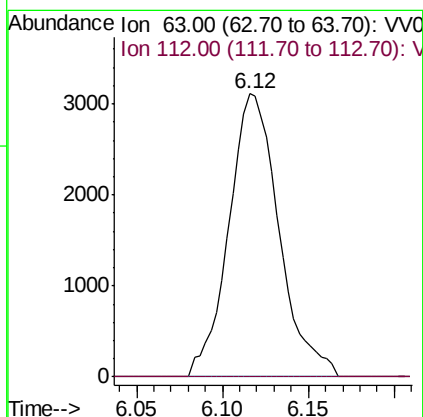
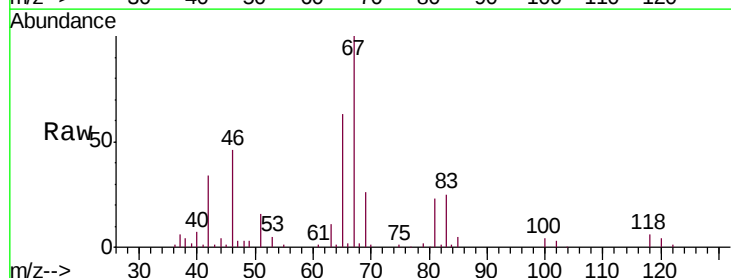
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 MSVOA_V
 ClientSampleId :
 BF666

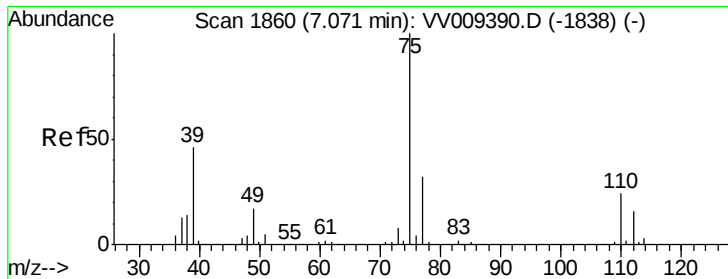
Tgt Ion: 62 Resp: 1024
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#40
 1,2-Dichloropropane
 Concen: 3.400 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009400.D
 Acq: 27 Feb 2019 16:05

Tgt Ion: 63 Resp: 6309
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



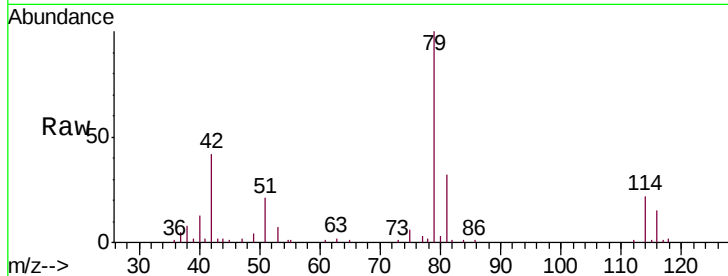


#42

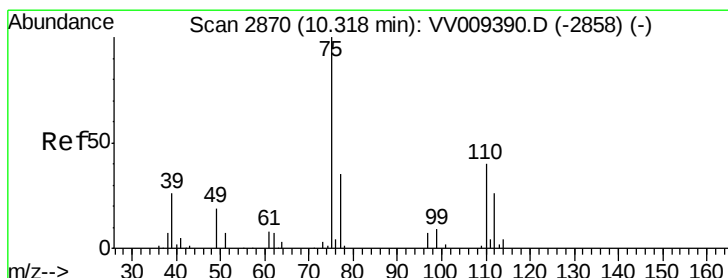
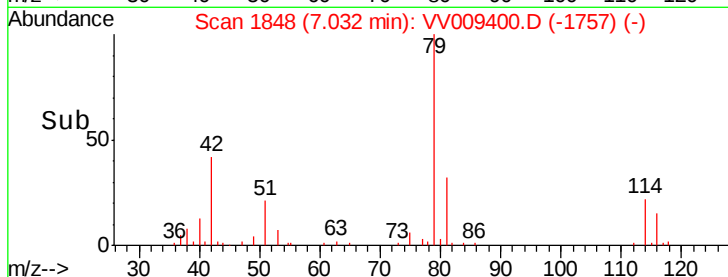
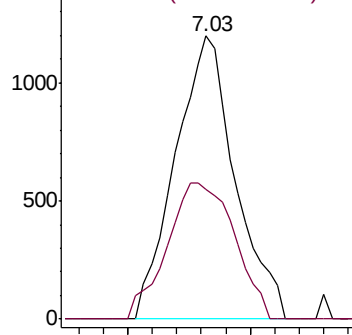
cis-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009400.D
Acq: 27 Feb 2019 16:05

Instrument :
MSVOA_V
ClientSampled :
BF666

Tgt Ion: 75 Resp: 2036
Ion Ratio Lower Upper
75 100
77 45.7 21.4 39.8#



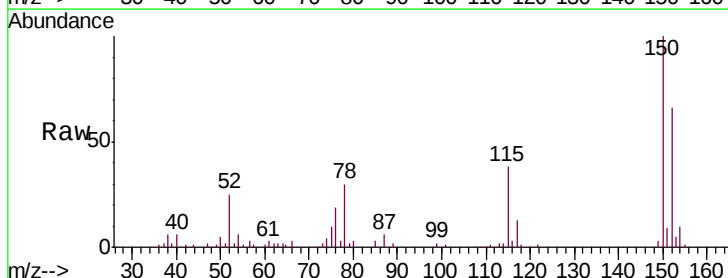
Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane
Concen: 4.516 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009400.D
Acq: 27 Feb 2019 16:05

Tgt Ion: 75 Resp: 6703
Ion Ratio Lower Upper
75 100
77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

