

Data File : VV009411.D
Acq On : 27 Feb 2019 20:55
Operator : SY/MD
Sample : K1626-04
Misc : 5.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Feb 28 04:38:02 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	5.66	114	173750	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168373	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41414	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.80%
7) Chloroethane-d5	1.58	69	63381	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	2.13	63	88624	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	3.95	46	32423	49.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.46%
24) Chloroform-d	4.40	84	94318	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.08	65	57565	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.76%
29) Benzene-d6	5.10	84	194141	21.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.76%
33) 1,2-Dichloropropane-d6	6.12	67	60491	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	7.36	98	184081	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	7.67	79	27637	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	8.14	63	28221	50.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57214	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	65218	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

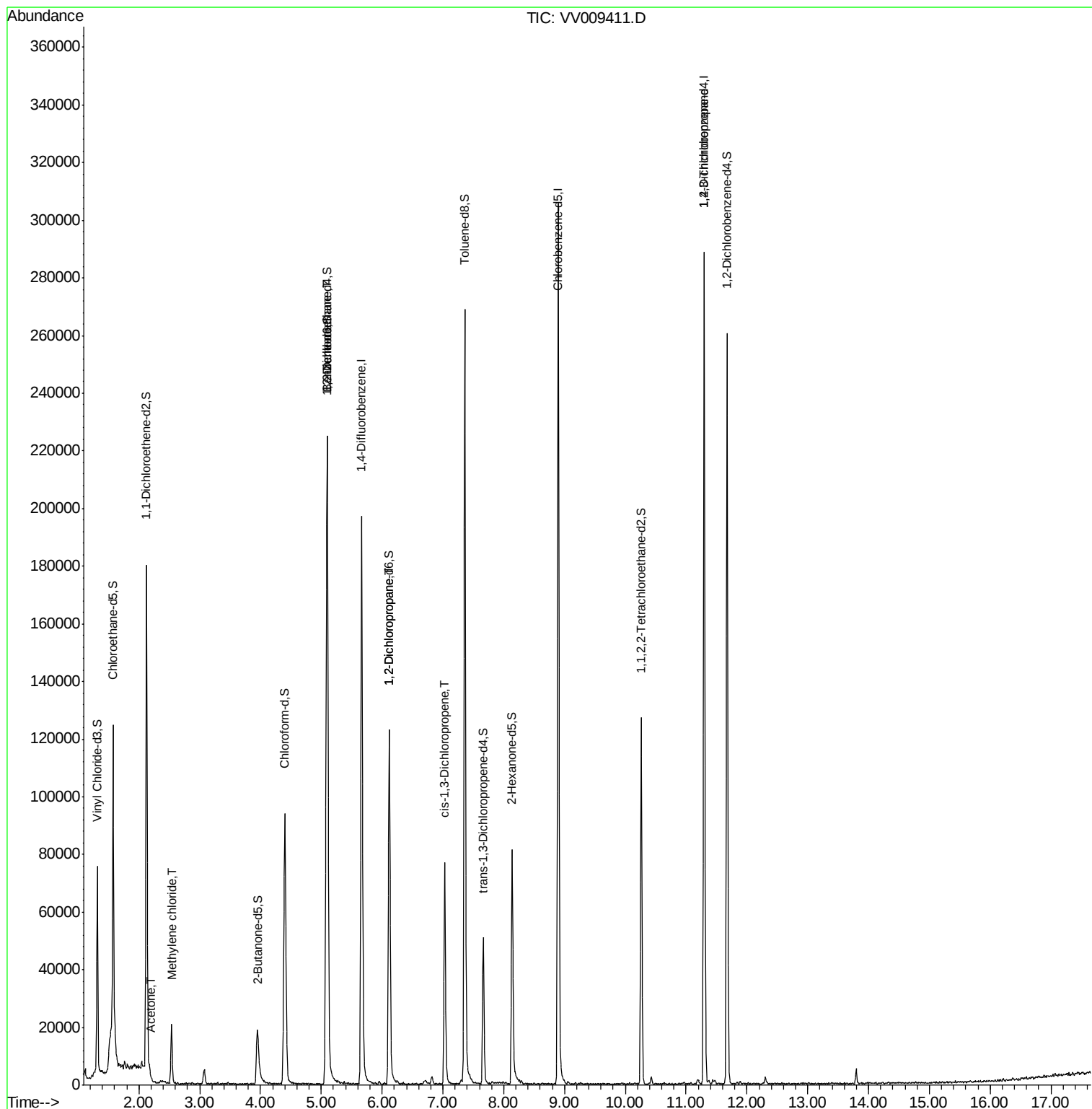
					Qvalue
13) Acetone	2.20	43	761	1.011 ug/L	61
16) Methylene chloride	2.54	84	8534	3.626 ug/L	97
27) 1,2-Dichloroethane	5.10	62	790	0.272 ug/L #	77
40) 1,2-Dichloropropane	6.12	63	6444	2.763 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2124	0.573 ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	10249	5.493 ug/L #	86

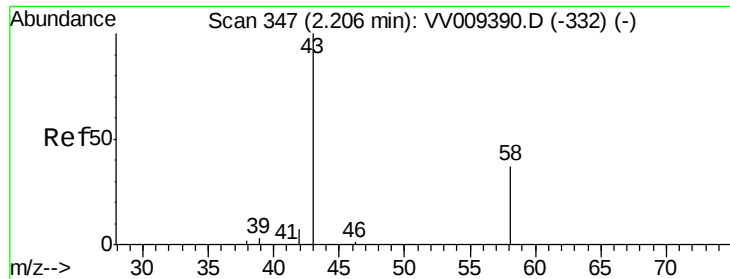
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009411.D
Acq On : 27 Feb 2019 20:55
Operator : SY/MD
Sample : K1626-04
Misc : 5.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Feb 28 04:38:02 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





#13

Acetone

Concen: 1.011 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV009411.D

Acq: 27 Feb 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

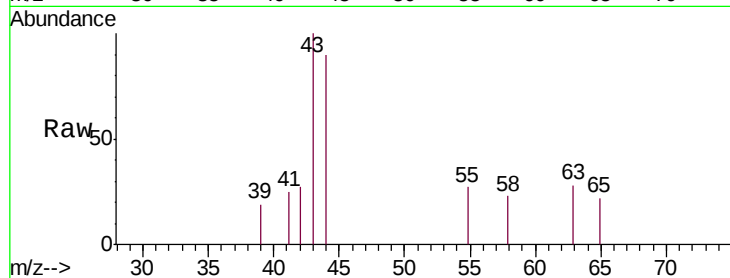
VHBLK01

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 12.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009411.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VV009411.D (-346) (-)

2.20

600

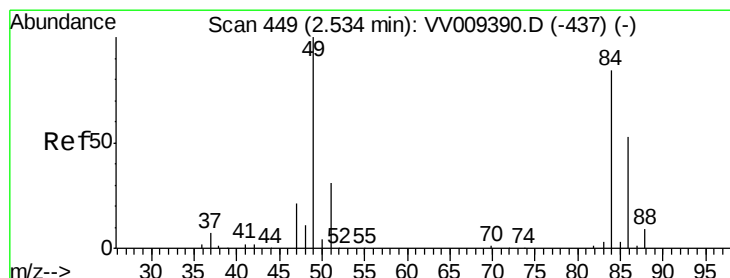
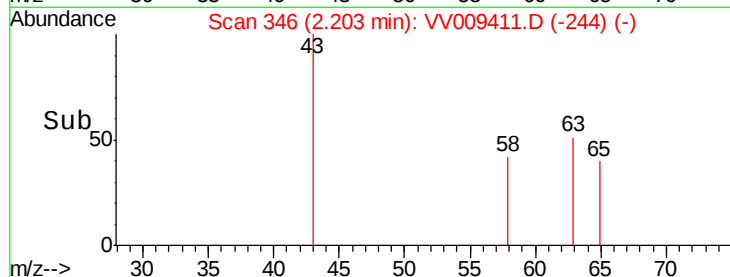
400

200

0

2.16 2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 3.626 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009411.D

Acq: 27 Feb 2019 20:55

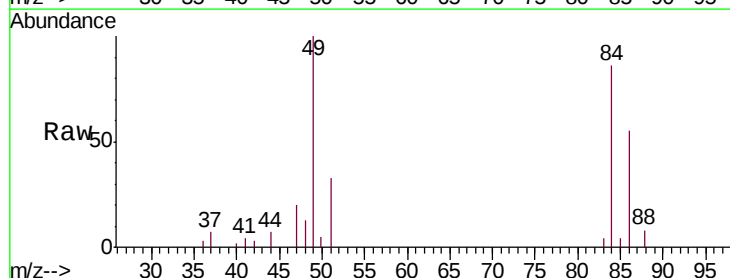
Tgt Ion: 84 Resp: 8534

Ion Ratio Lower Upper

84 100

49 116.4 84.6 157.0

86 64.1 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009411.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009411.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009411.D (-346) (-)

8000

6000

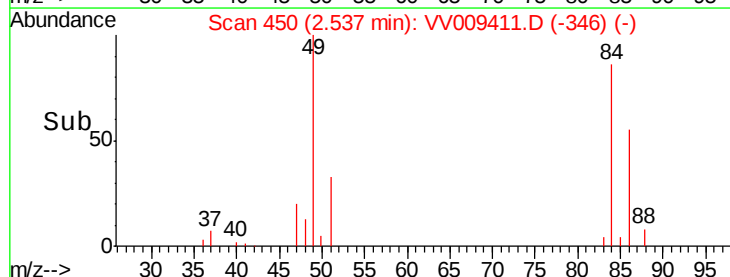
4000

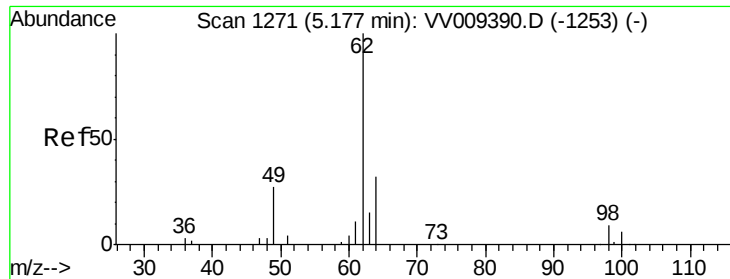
2000

0

2.50 2.52 2.54 2.56 2.58 2.60

Time-->

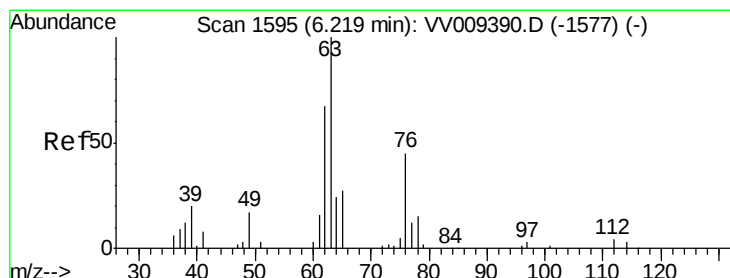
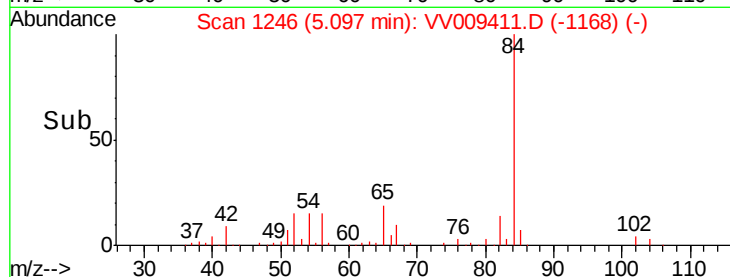
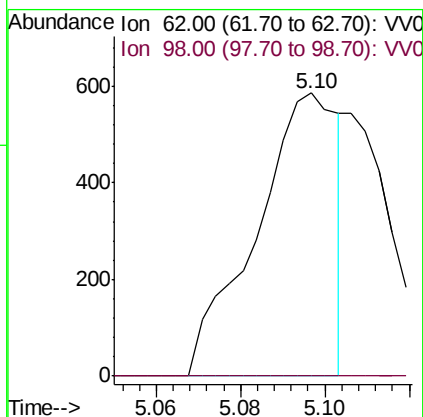
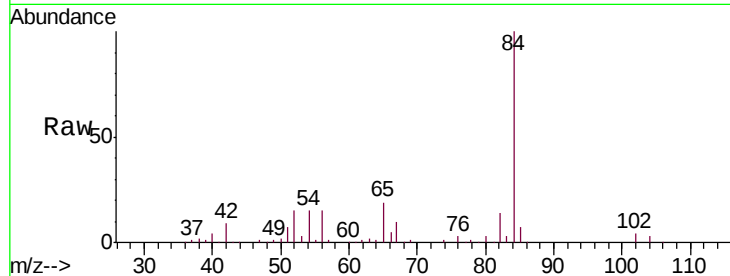




#27
 1,2-Dichloroethane
 Concen: 0.272 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009411.D
 Acq: 27 Feb 2019 20:55

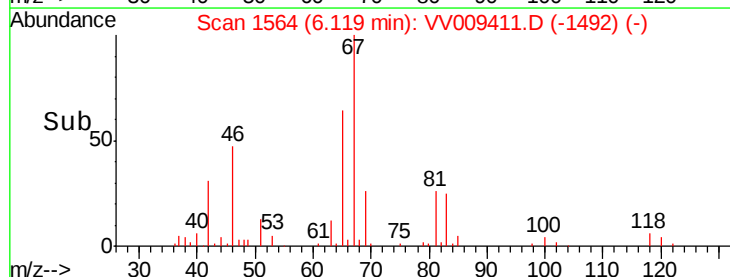
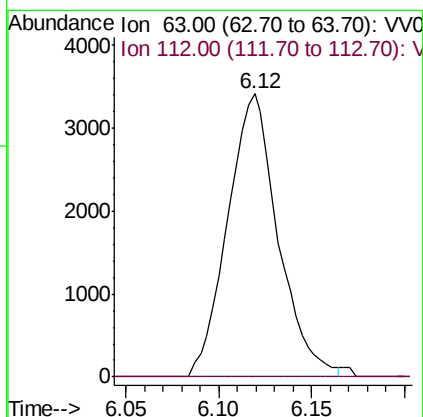
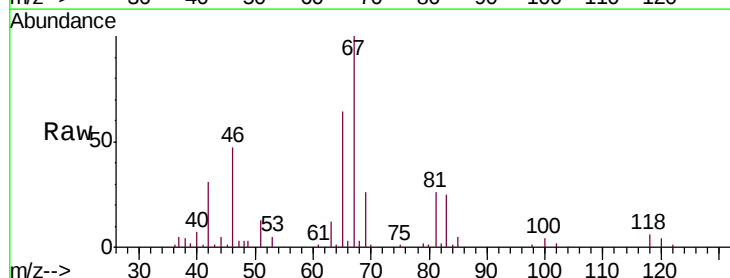
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

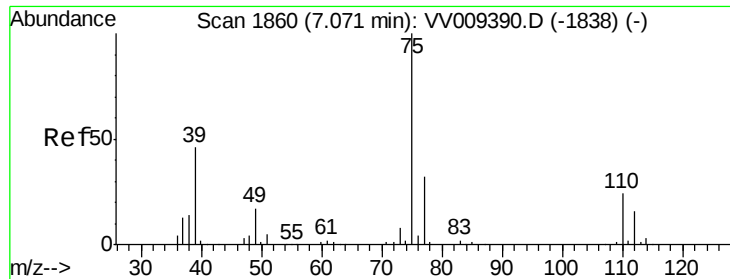
Tgt Ion: 62 Resp: 790
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#40
 1,2-Dichloropropane
 Concen: 2.763 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009411.D
 Acq: 27 Feb 2019 20:55

Tgt Ion: 63 Resp: 6444
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



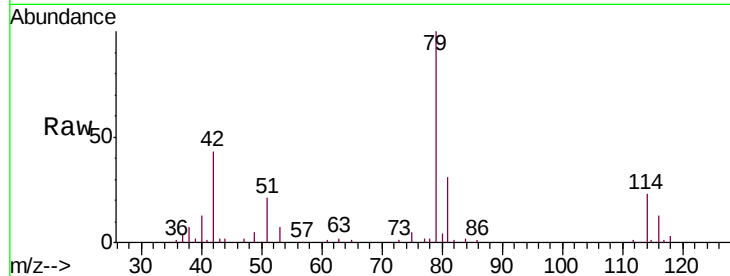


#42

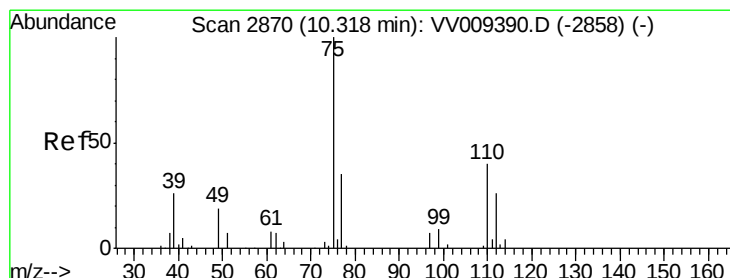
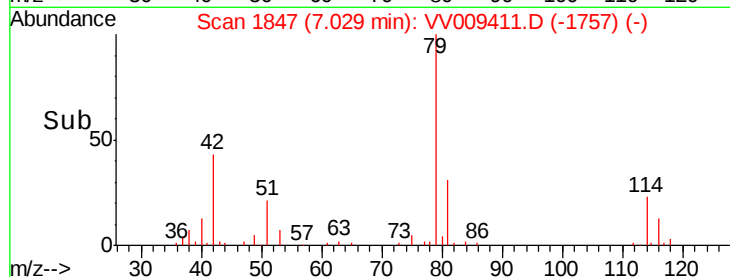
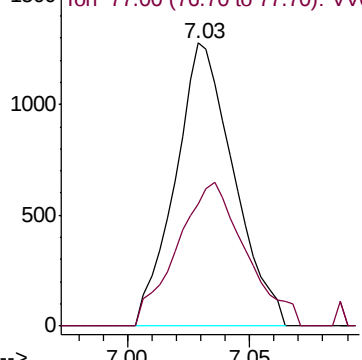
cis-1,3-Dichloropropene
 Concen: 0.573 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009411.D
 Acq: 27 Feb 2019 20:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 2124
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.4 39.8#



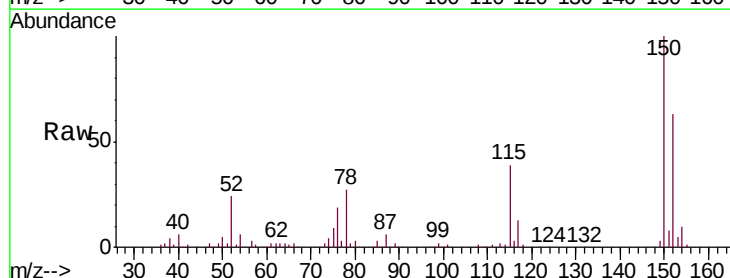
Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane
 Concen: 5.493 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009411.D
 Acq: 27 Feb 2019 20:55

Tgt Ion: 75 Resp: 10249
 Ion Ratio Lower Upper
 75 100
 77 40.4 25.9 38.9#



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

