

Data File : VV009639.D
Acq On : 13 Mar 2019 16:59
Operator : SY/MD
Sample : K1626-04
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Mar 14 07:40:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153301	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62452	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46010	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	1.57	69	45312	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.96%
10) 1,1-Dichloroethene-d2	2.13	63	95105	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	3.93	46	28175	54.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.74%
24) Chloroform-d	4.40	84	88910	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	55828	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.00%
29) Benzene-d6	5.10	84	194979	25.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.00%
33) 1,2-Dichloropropane-d6	6.12	67	56597	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	7.36	98	187905	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.66	79	23748	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	8.13	63	21532	52.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50646	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	59712	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

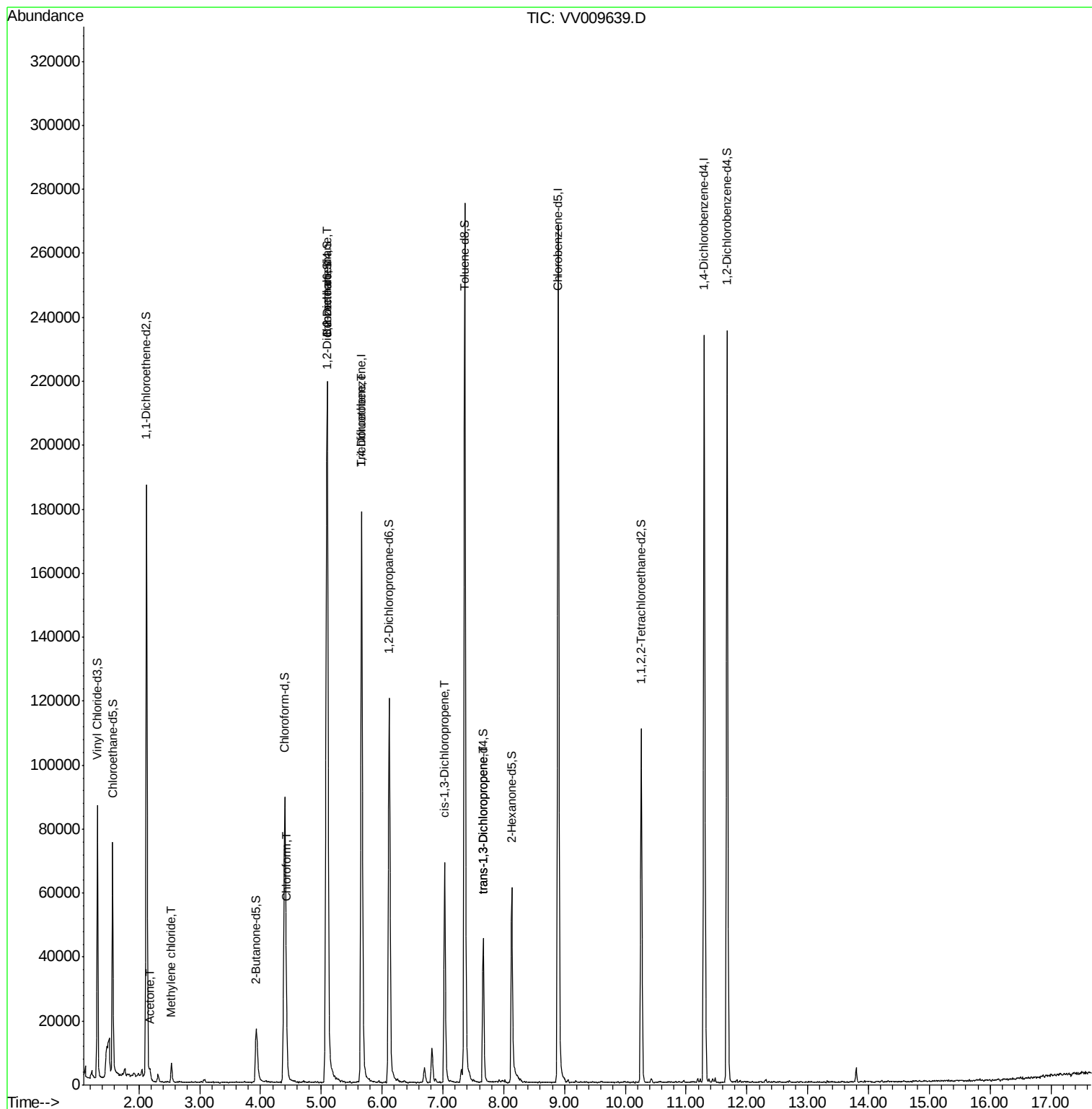
					Qvalue
13) Acetone	2.19	43	948	1.532 ug/L	82
16) Methylene chloride	2.53	84	2571	1.152 ug/L	97
25) Chloroform	4.43	83	5660	1.421 ug/L #	69
27) 1,2-Dichloroethane	5.10	62	1282	0.466 ug/L #	75
35) Trichloroethene	5.66	95	4659	2.050 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	2061	0.683 ug/L #	57
45) trans-1,3-Dichloropropene	7.67	75	1444	0.554 ug/L #	56

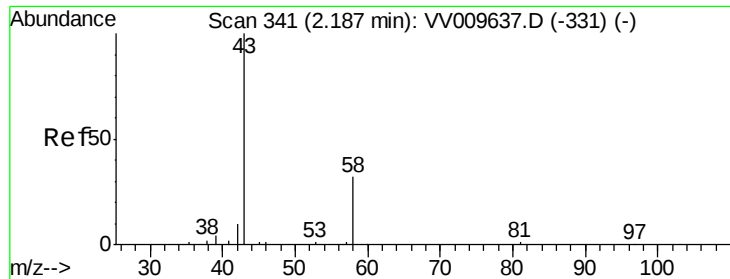
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.532 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

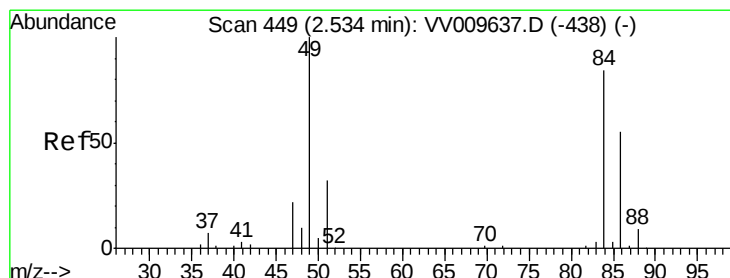
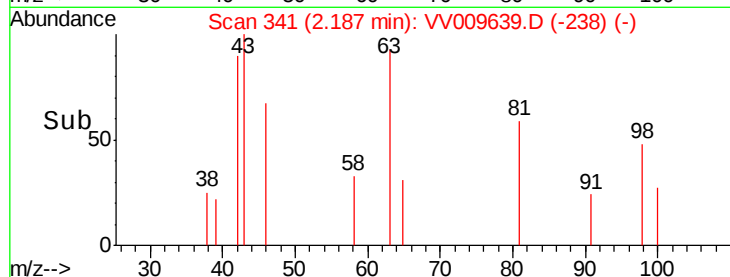
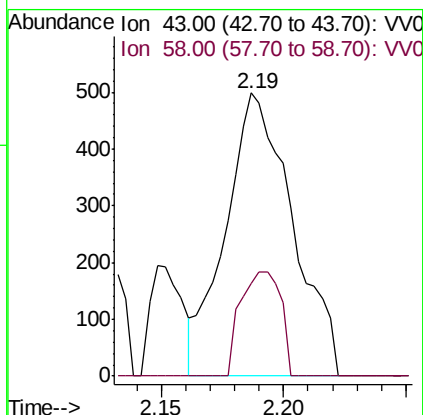
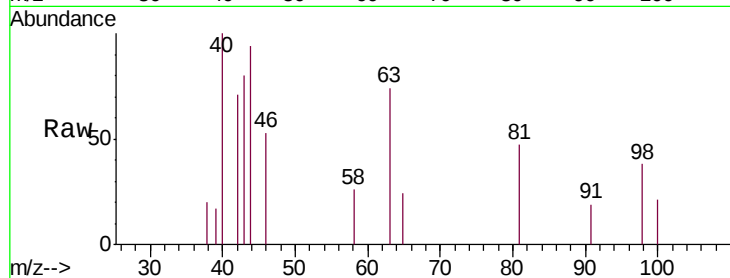
VHBLK01

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 22.0 0.0 64.8



#16

Methylene chloride

Concen: 1.152 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009639.D

Acq: 13 Mar 2019 16:59

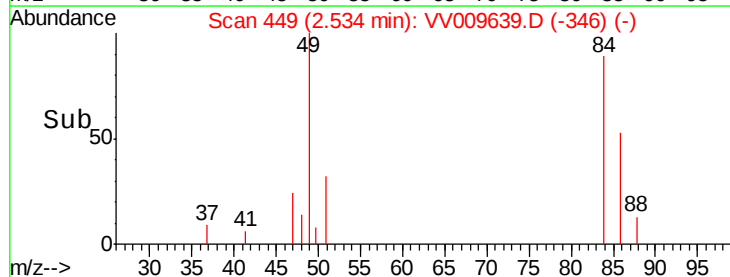
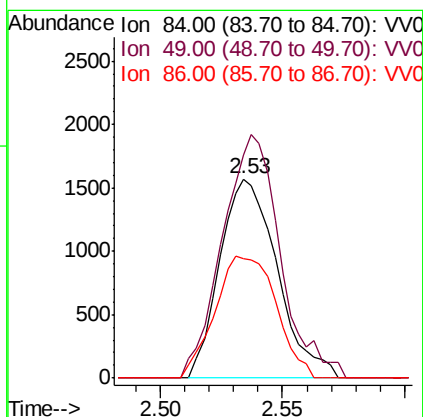
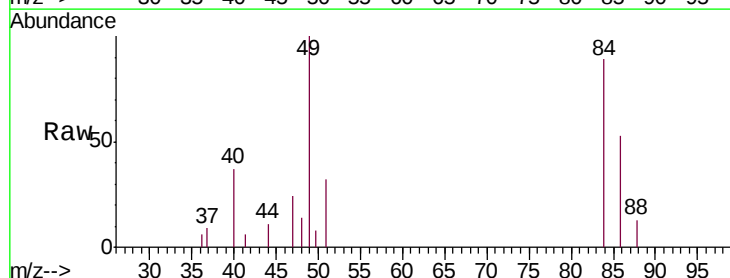
Tgt Ion: 84 Resp: 2571

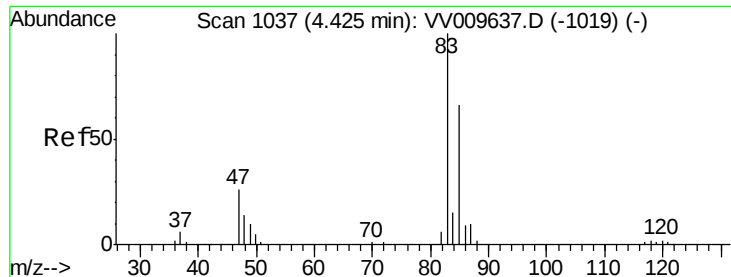
Ion Ratio Lower Upper

84 100

49 121.3 86.1 159.9

86 59.8 45.2 84.0

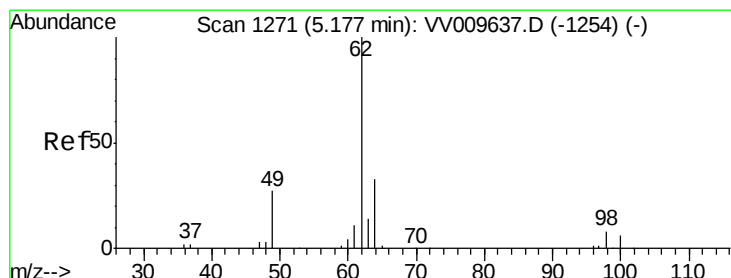
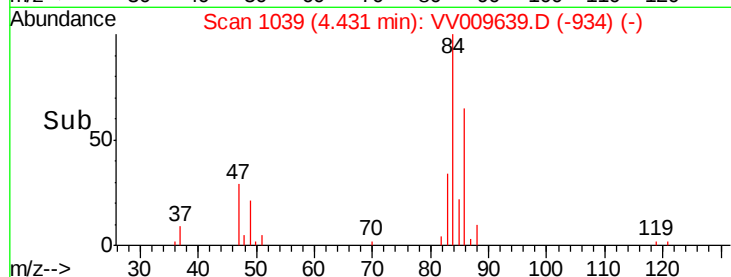
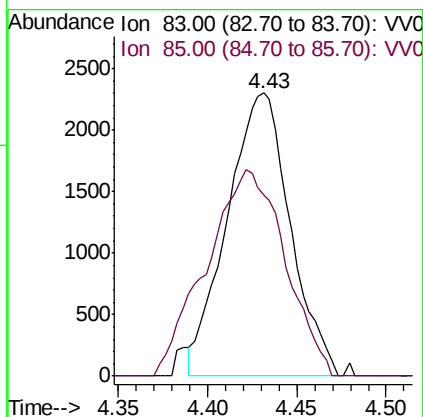
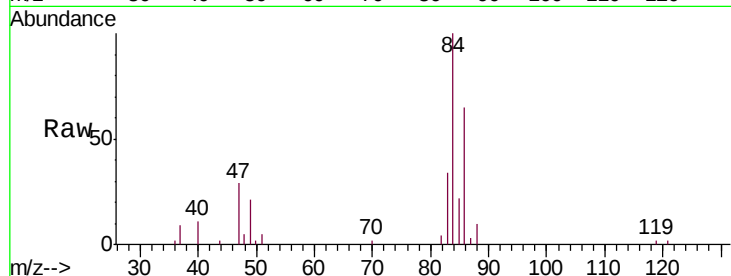




#25
Chloroform
Concen: 1.421 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009639.D
Acq: 13 Mar 2019 16:59

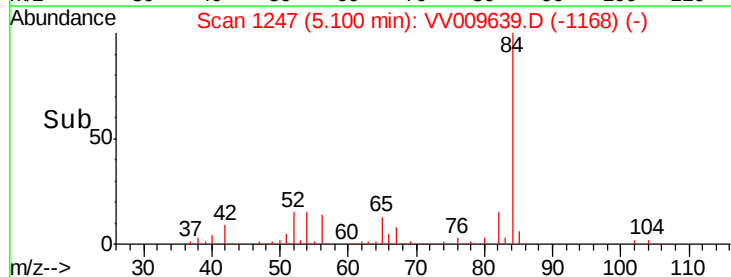
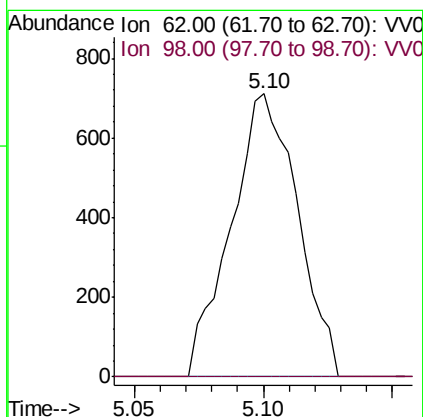
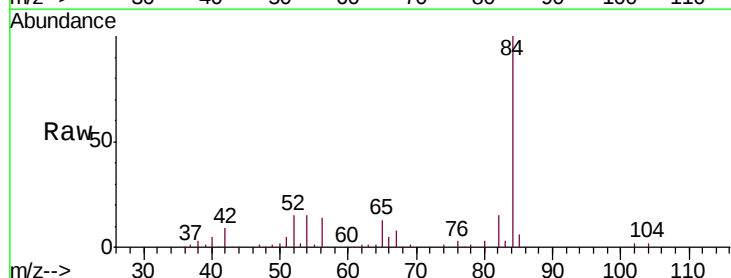
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

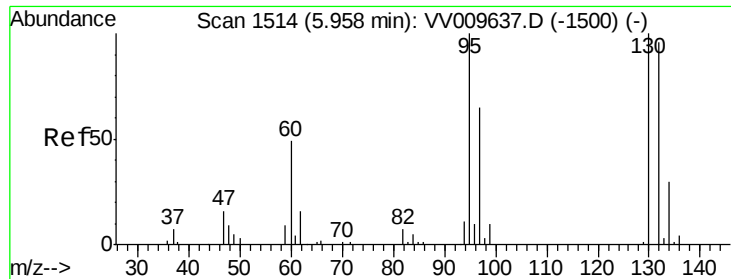
Tgt Ion: 83 Resp: 5660
Ion Ratio Lower Upper
83 100
85 90.8 46.4 86.2#



#27
1,2-Dichloroethane
Concen: 0.466 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009639.D
Acq: 13 Mar 2019 16:59

Tgt Ion: 62 Resp: 1282
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

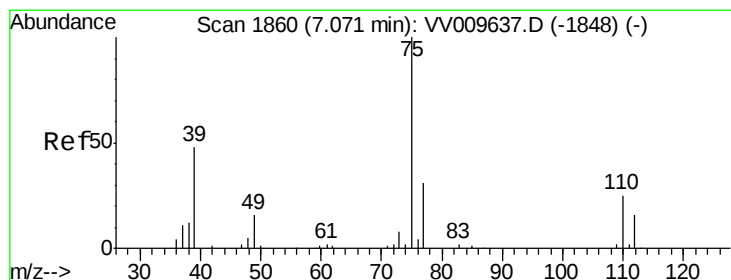
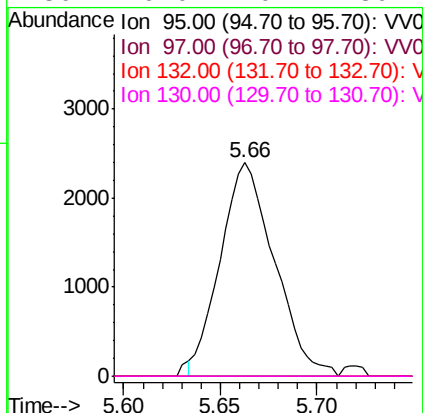
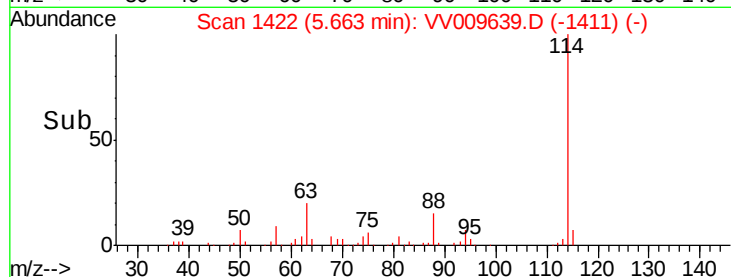
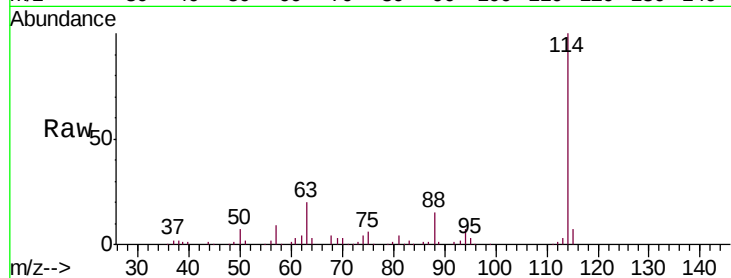




#35
 Trichloroethene
 Concen: 2.050 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.30 min
 Lab File: VV009639.D
 Acq: 13 Mar 2019 16:59

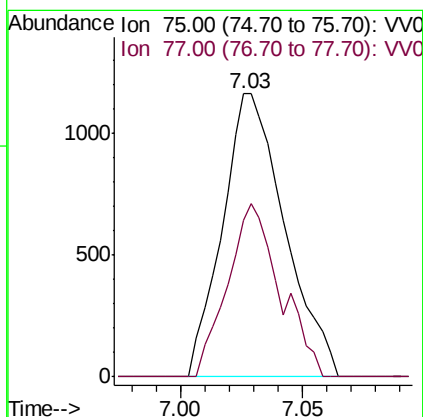
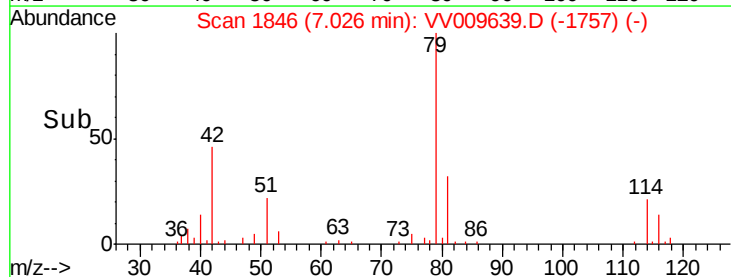
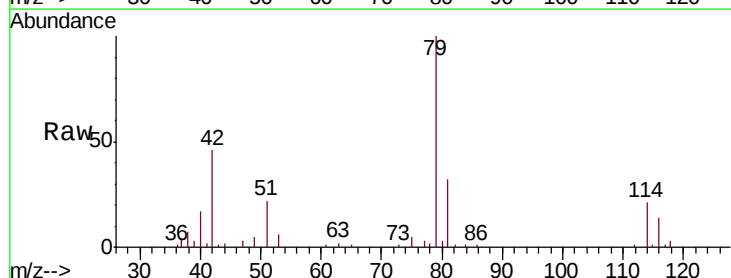
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

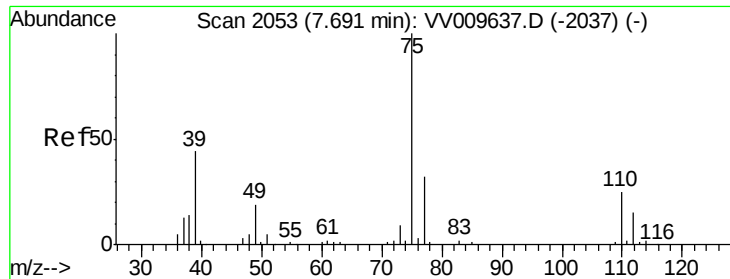
Tgt Ion: 95 Resp: 4659
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.683 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009639.D
 Acq: 13 Mar 2019 16:59

Tgt Ion: 75 Resp: 2061
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.0 40.8#





#45

trans-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009639.D

Acq: 13 Mar 2019 16:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1444

Ion Ratio Lower Upper

75 100

77 55.6 22.0 40.8#

