

Data File : VV009916.D
Acq On : 27 Mar 2019 01:07
Operator : SY/MD
Sample : VIBLK61
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK61

Quant Time: Mar 27 01:50:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152762	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55929	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
7) Chloroethane-d5	1.57	69	71031	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	2.13	63	129690	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	3.94	46	32940	57.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.04%
24) Chloroform-d	4.40	84	89063	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.08	65	57996	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	5.10	84	177665	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	6.12	67	56051	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	7.36	98	155094	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.80%
38) trans-1,3-Dichloropropene-	7.66	79	18418	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	8.13	63	23838	54.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53681	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	58022	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

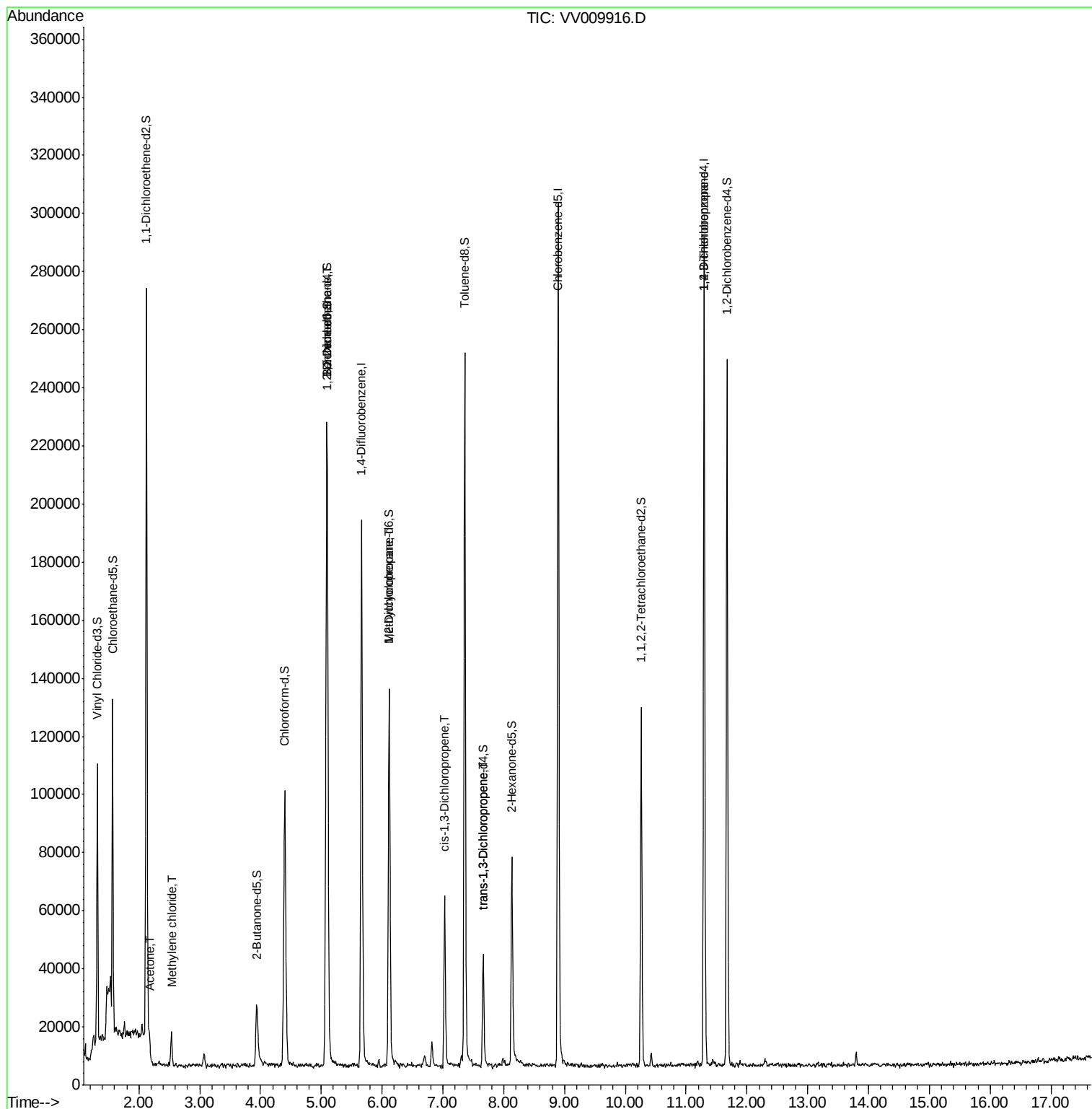
					Qvalue
13) Acetone	2.19	43	1585	1.812 ug/L	75
16) Methylene chloride	2.53	84	3732	1.483 ug/L	90
27) 1,2-Dichloroethane	5.10	62	907	0.316 ug/L #	75
36) Methylcyclohexane	6.12	83	13723	3.959 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1794	0.588 ug/L #	73
45) trans-1,3-Dichloropropene	7.67	75	1281	0.513 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	11256	6.684 ug/L	98

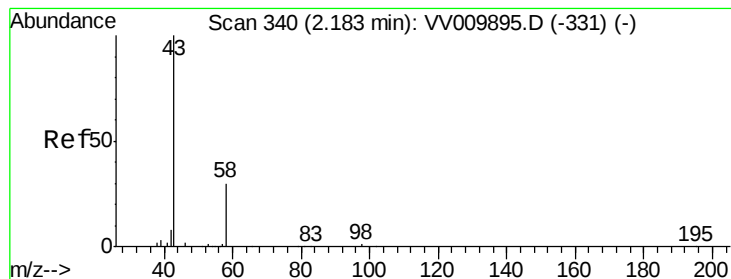
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.812 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009916.D

Acq: 27 Mar 2019 01:07

Instrument :

MSVOA_V

ClientSampled :

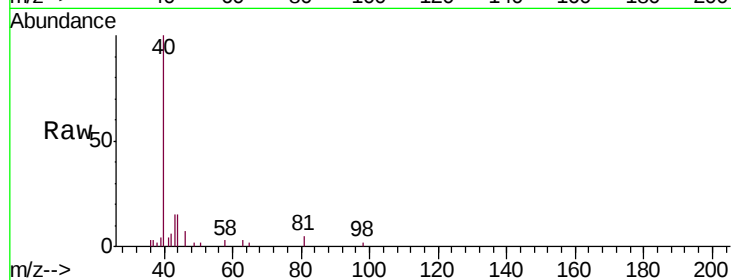
VIBLK61

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

58 16.1 0.0 59.4

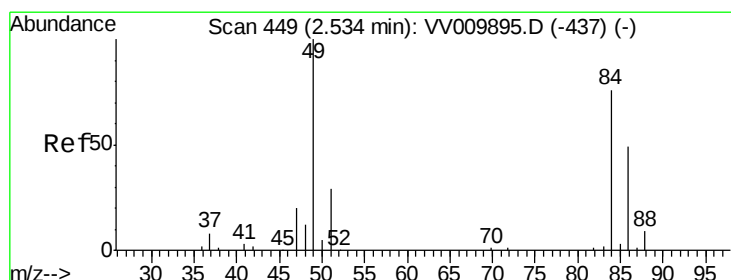
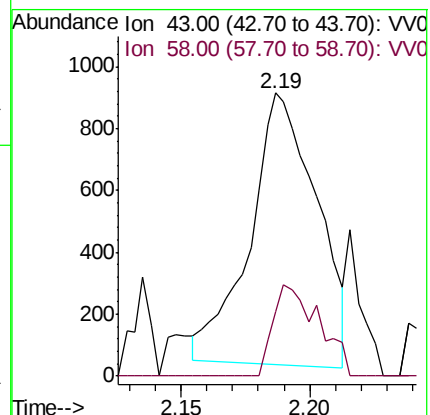
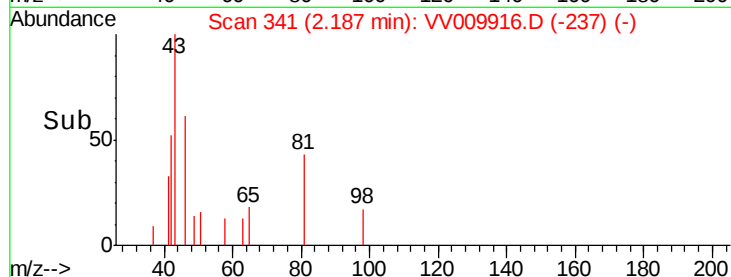


Abundance Ion 43.00 (42.70 to 43.70): VV009895.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009895.D (-331) (-)

2.19

Time-->



#16

Methylene chloride

Concen: 1.483 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009916.D

Acq: 27 Mar 2019 01:07

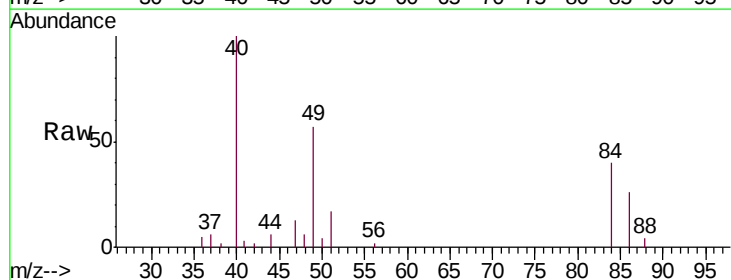
Tgt Ion: 84 Resp: 3732

Ion Ratio Lower Upper

84 100

49 143.2 90.4 167.8

86 66.2 44.0 81.6



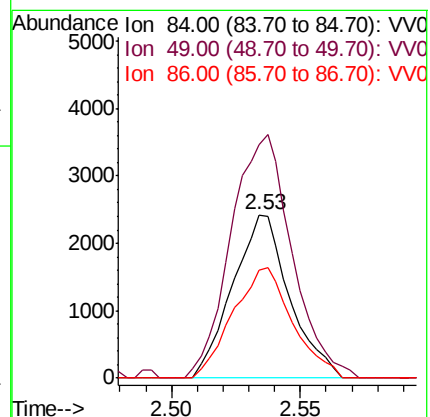
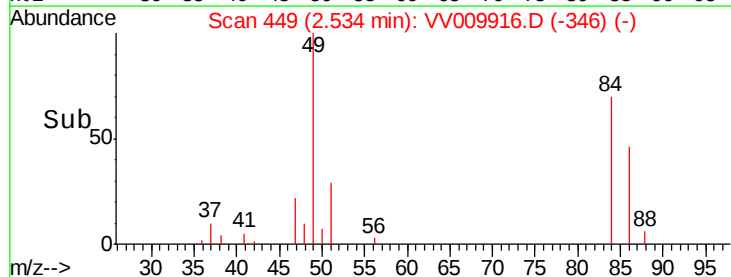
Abundance Ion 84.00 (83.70 to 84.70): VV009895.D (-437) (-)

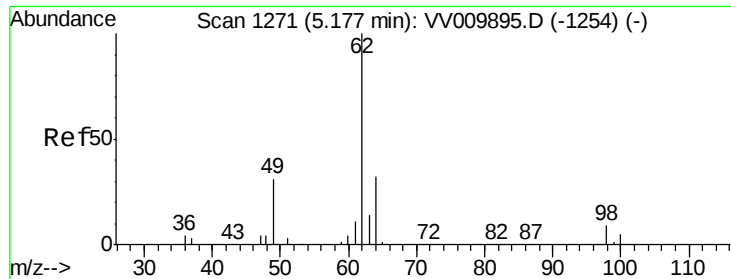
Ion 49.00 (48.70 to 49.70): VV009895.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009895.D (-437) (-)

2.53

Time-->

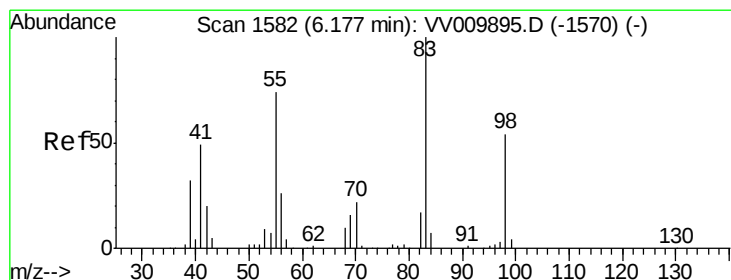
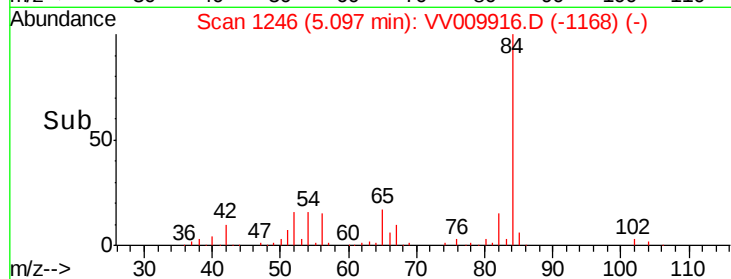
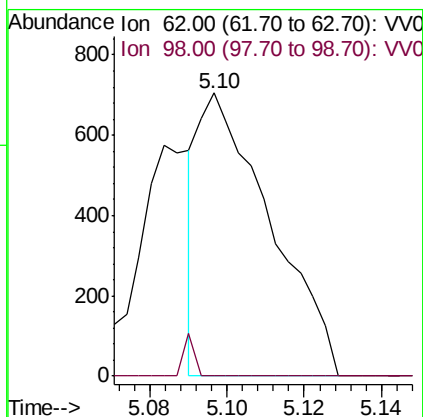
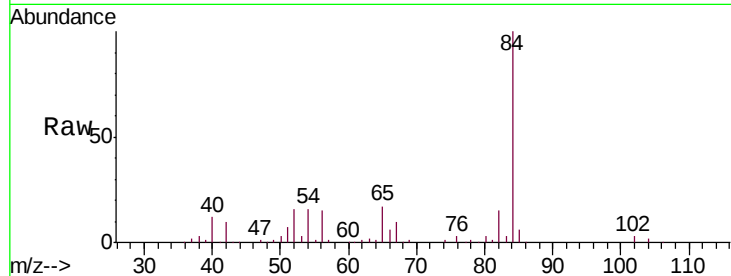




#27
 1,2-Dichloroethane
 Concen: 0.316 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009916.D
 Acq: 27 Mar 2019 01:07

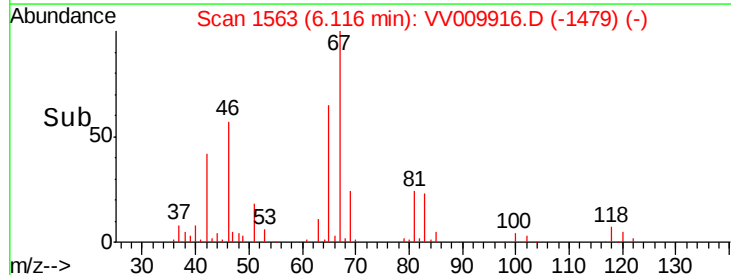
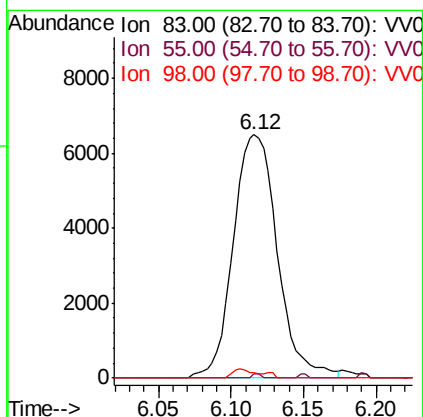
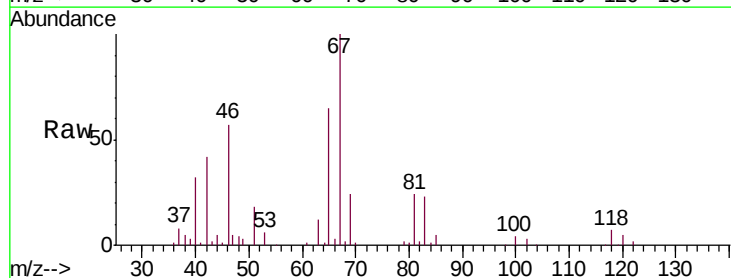
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK61

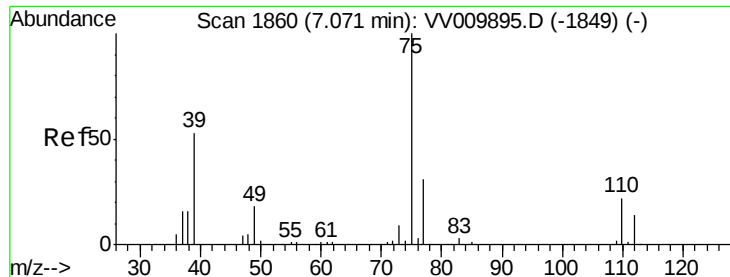
Tgt Ion: 62 Resp: 907
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#36
 Methylcyclohexane
 Concen: 3.959 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV009916.D
 Acq: 27 Mar 2019 01:07

Tgt Ion: 83 Resp: 13723
 Ion Ratio Lower Upper
 83 100
 55 0.3 57.3 85.9#
 98 0.4 39.2 58.8#



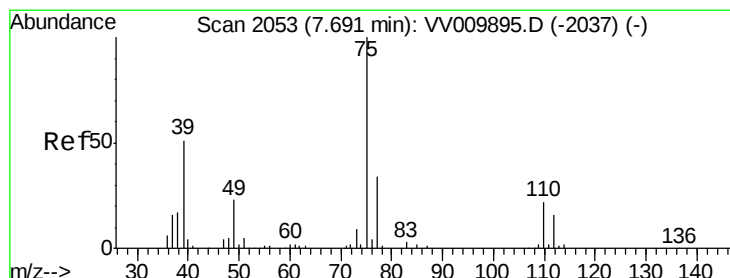
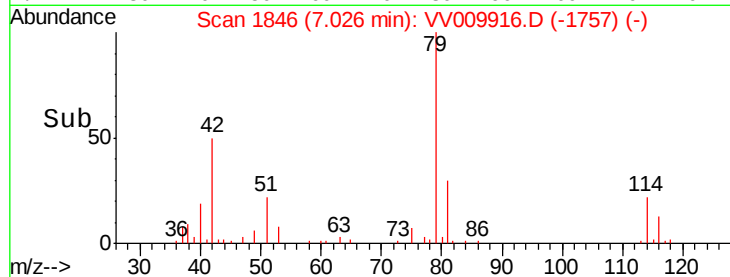
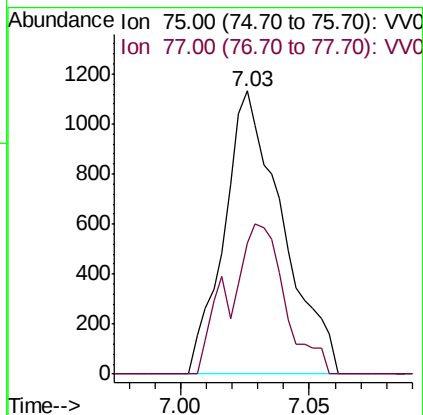
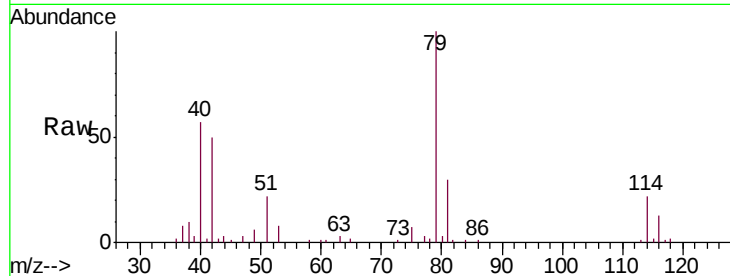


#42

cis-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009916.D
Acq: 27 Mar 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
VIBLK61

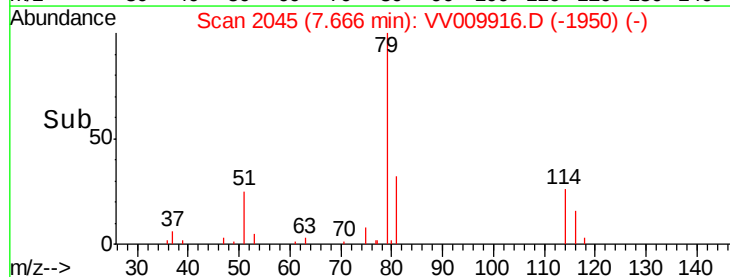
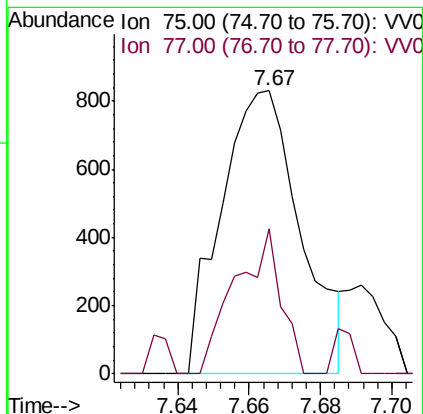
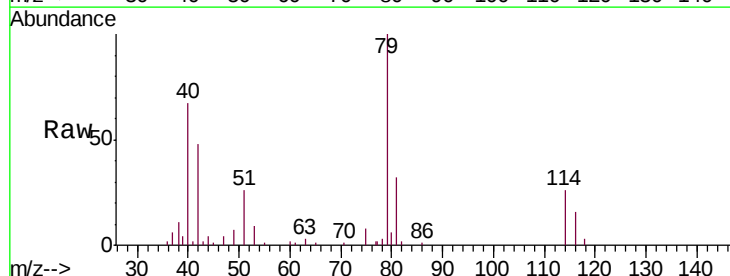
Tgt Ion: 75 Resp: 1794
Ion Ratio Lower Upper
75 100
77 46.1 21.8 40.6#

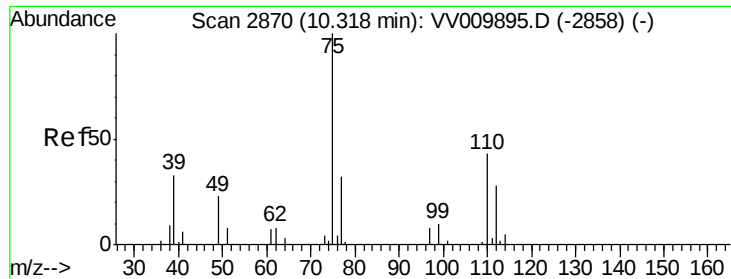


#45

trans-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009916.D
Acq: 27 Mar 2019 01:07

Tgt Ion: 75 Resp: 1281
Ion Ratio Lower Upper
75 100
77 51.2 20.7 38.5#





#59

1,2,3-Trichloropropane

Concen: 6.684 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009916.D

Acq: 27 Mar 2019 01:07

Instrument :

MSVOA_V

ClientSampleId :

VIBLK61

Tgt Ion: 75 Resp: 11256

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

