

Data File : VV009346.D
Acq On : 25 Feb 2019 12:35
Operator : SY/MD
Sample : VV0225SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Quant Time: Feb 26 02:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123907	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115399	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39210	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
7) Chloroethane-d5	1.57	69	53534	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.80%
10) 1,1-Dichloroethene-d2	2.13	63	79257	19.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.24%
20) 2-Butanone-d5	3.95	46	18739	32.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.96%
24) Chloroform-d	4.40	84	65031	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	34261	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.84%
29) Benzene-d6	5.10	84	139040	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
33) 1,2-Dichloropropane-d6	6.12	67	41819	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	7.36	98	134994	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	7.66	79	18618	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	8.14	63	15329	32.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37070	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	45747	23.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.04%

Target Compounds

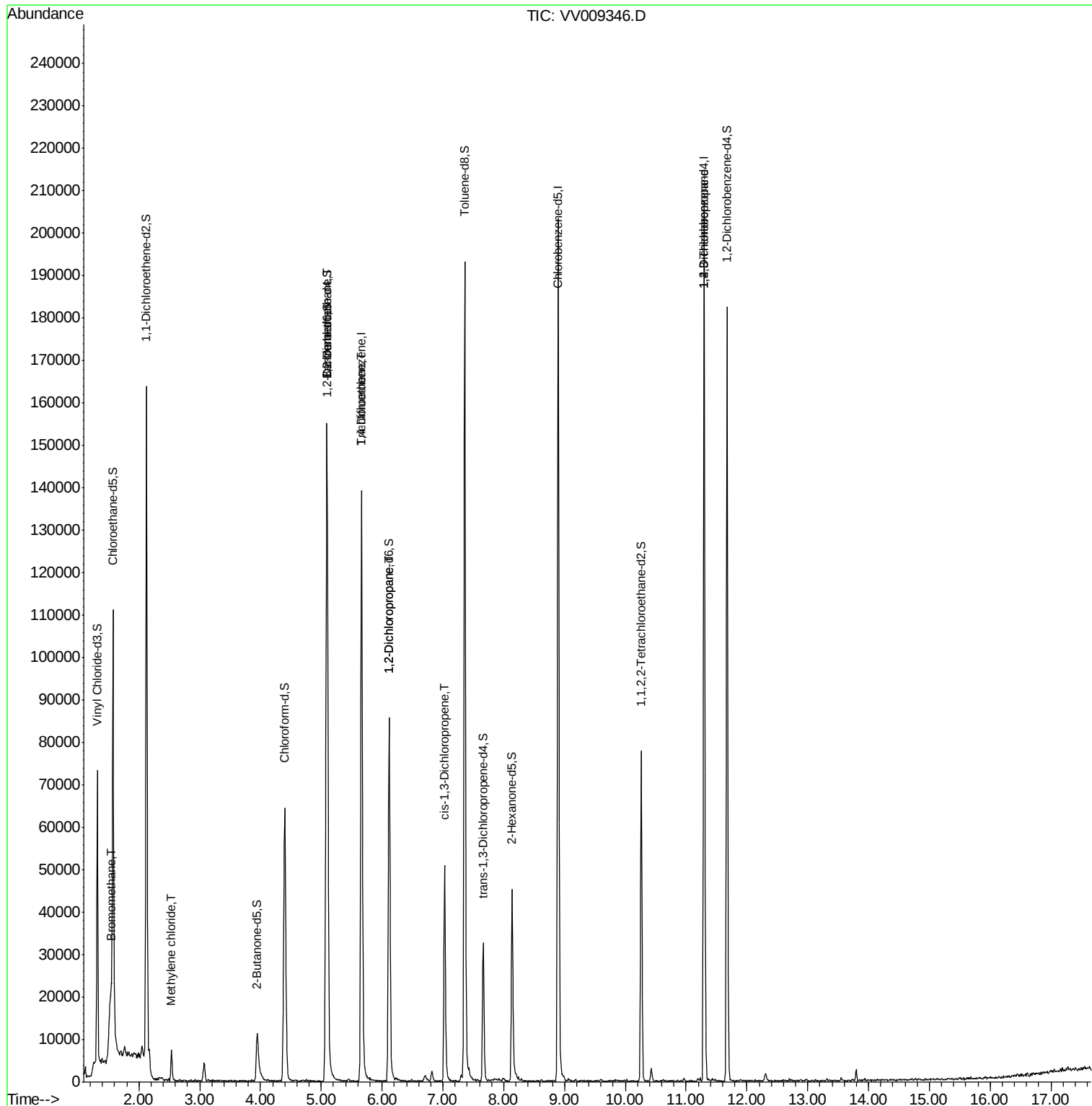
					Qvalue
6) Bromomethane	1.53	94	838	0.449 ug/L	75
16) Methylene chloride	2.53	84	2881	1.537 ug/L	88
27) 1,2-Dichloroethane	5.10	62	825	0.421 ug/L #	72
35) Trichloroethene	5.66	95	2992	1.705 ug/L #	4
40) 1,2-Dichloropropane	6.12	63	4687	3.060 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1466	0.564 ug/L #	60
59) 1,2,3-Trichloropropene	11.30	75	7307	5.299 ug/L	92

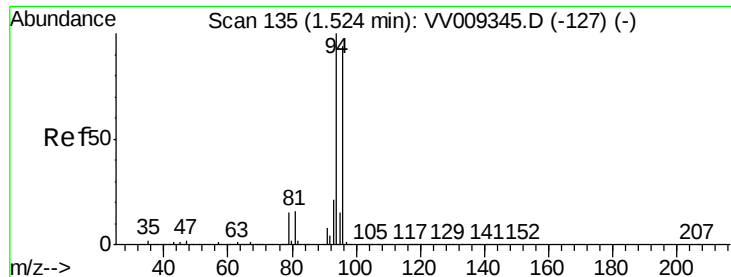
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.449 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.01 min

Lab File: VV009346.D

Acq: 25 Feb 2019 12:35

Instrument :

MSVOA_V

ClientSampled :

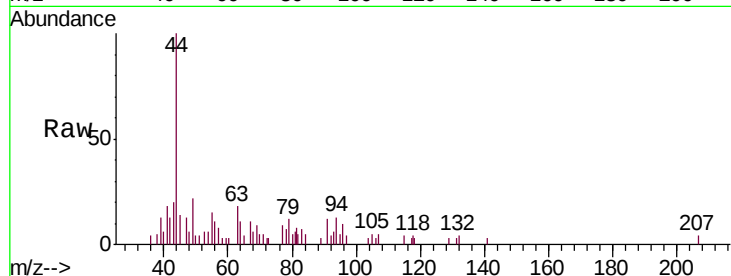
VBLK62

Tgt Ion: 94 Resp: 838

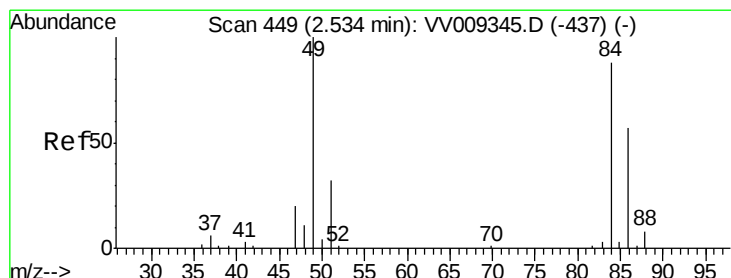
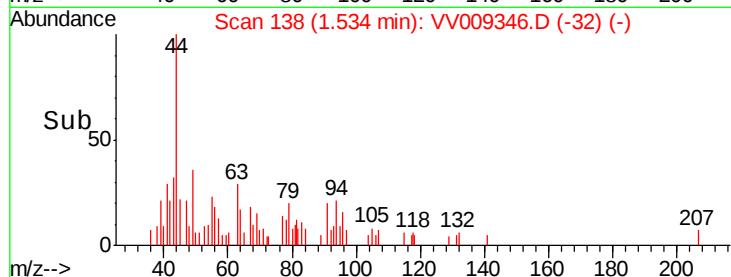
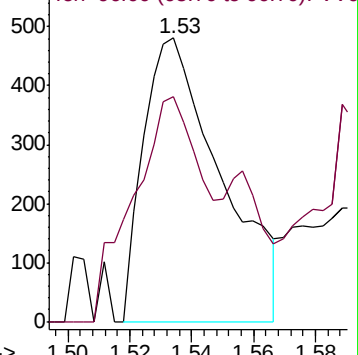
Ion Ratio Lower Upper

94 100

96 69.6 9.4 178.6



Abundance Ion 94.00 (93.70 to 94.70): VV009346.D (-127) (-)



#16

Methylene chloride

Concen: 1.537 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009346.D

Acq: 25 Feb 2019 12:35

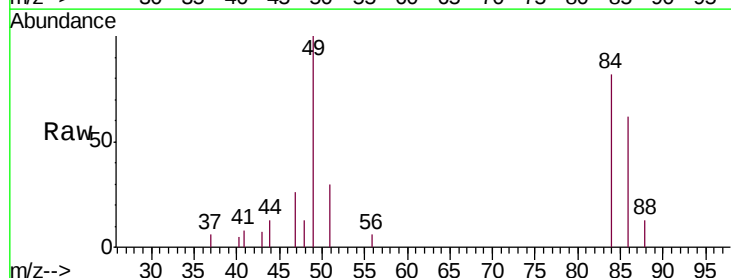
Tgt Ion: 84 Resp: 2881

Ion Ratio Lower Upper

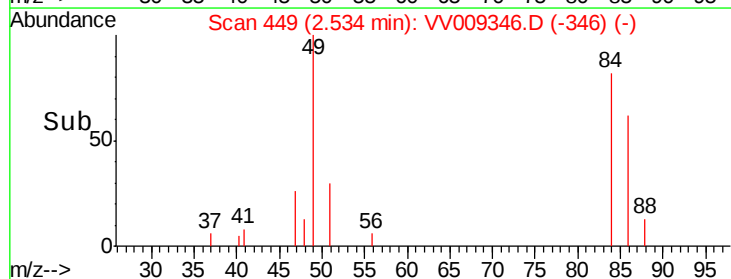
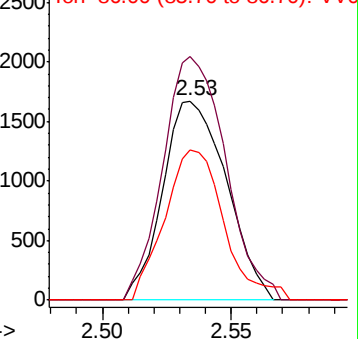
84 100

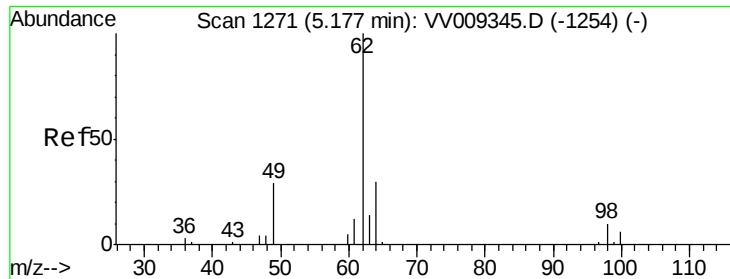
49 122.1 78.7 146.1

86 75.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009346.D (-437) (-)

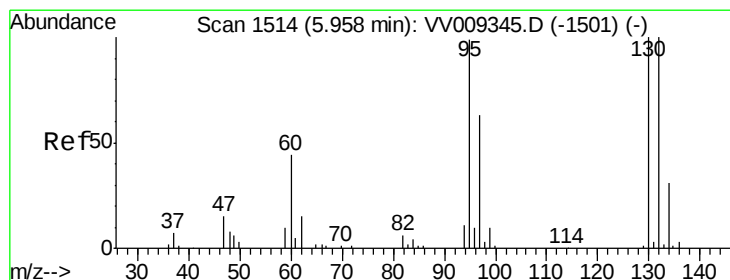
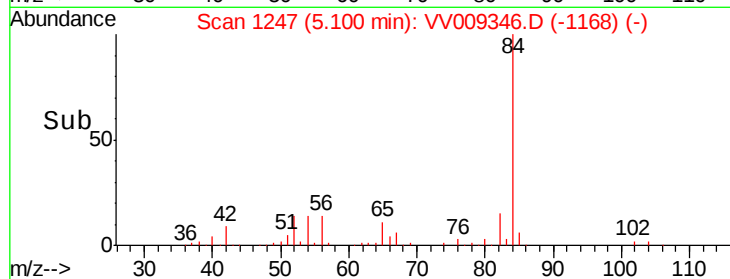
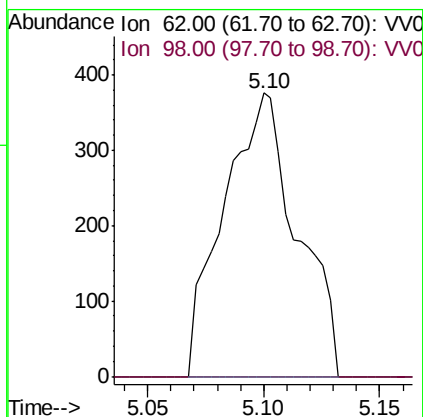
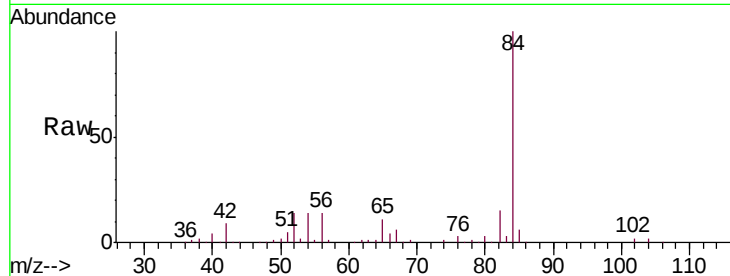




#27
 1,2-Dichloroethane
 Concen: 0.421 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV009346.D
 Acq: 25 Feb 2019 12:35

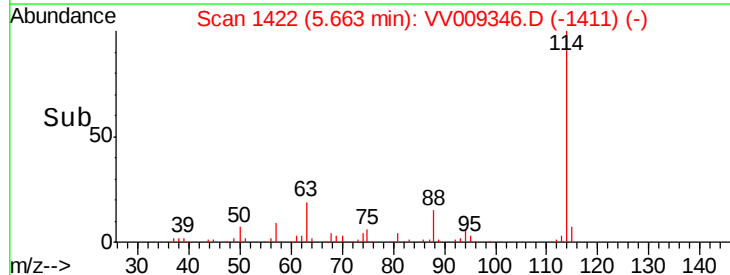
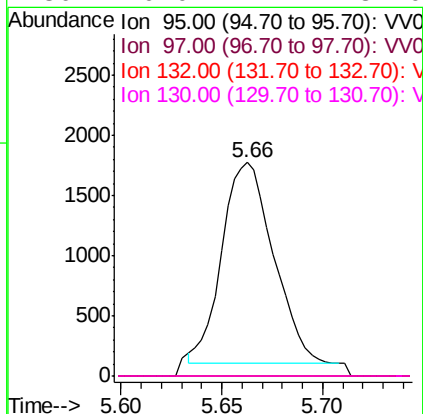
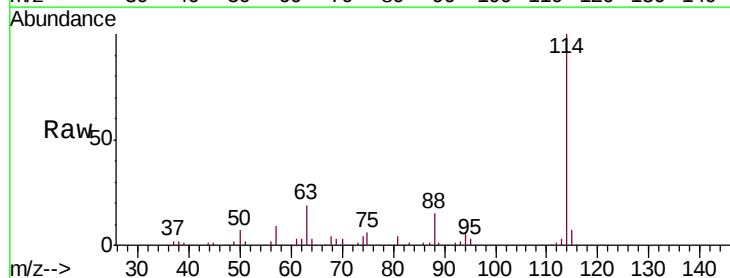
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 MSVOA_V
 ClientSampleId :
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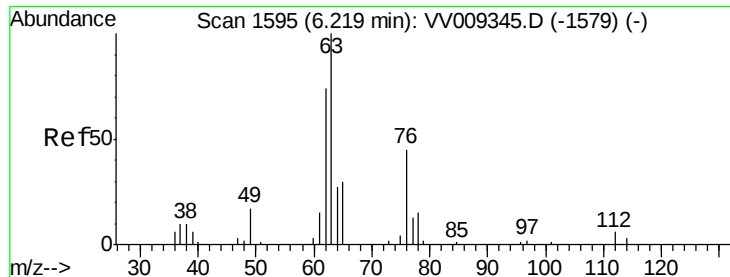
Tgt Ion: 62 Resp: 825
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.5 12.7#



#35
 Trichloroethene
 Concen: 1.705 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.30 min
 Lab File: VV009346.D
 Acq: 25 Feb 2019 12:35

Tgt Ion: 95 Resp: 2992
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 68.7 127.5#
 130 0.0 72.2 134.0#

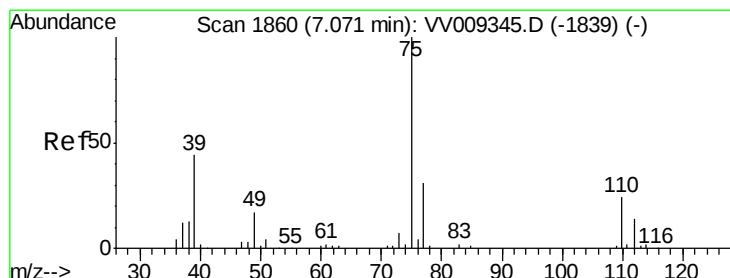
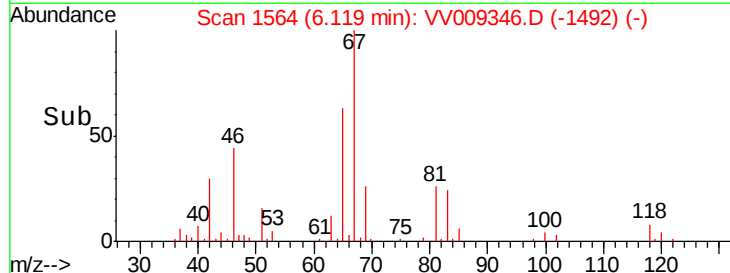
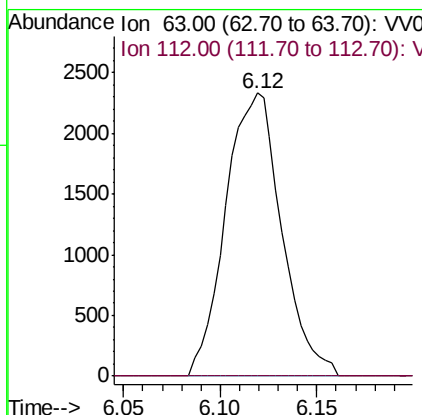
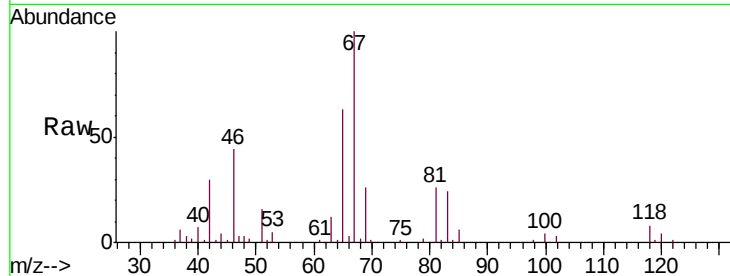




#40
 1,2-Dichloropropane
 Concen: 3.060 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009346.D
 Acq: 25 Feb 2019 12:35

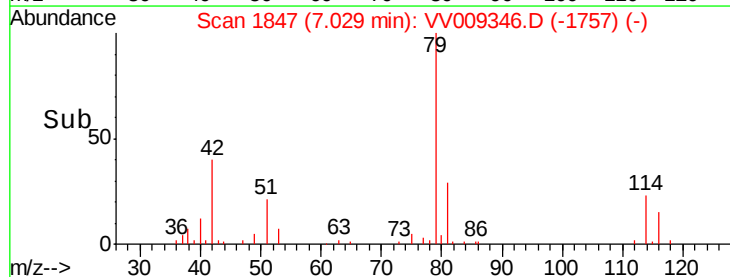
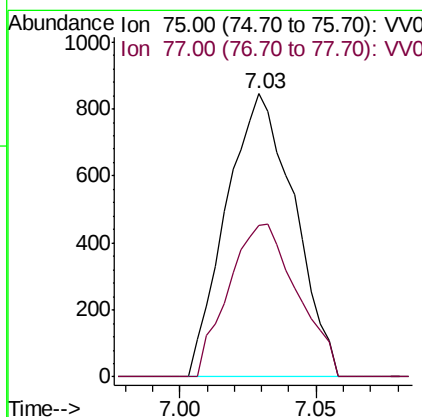
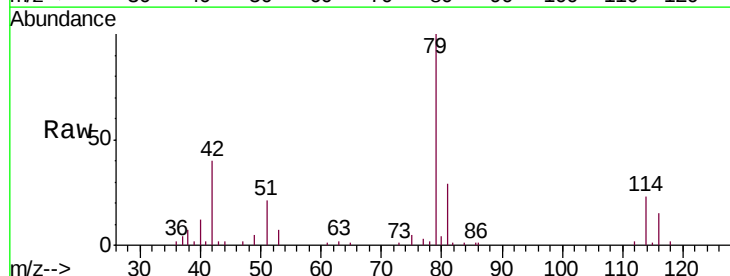
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK62

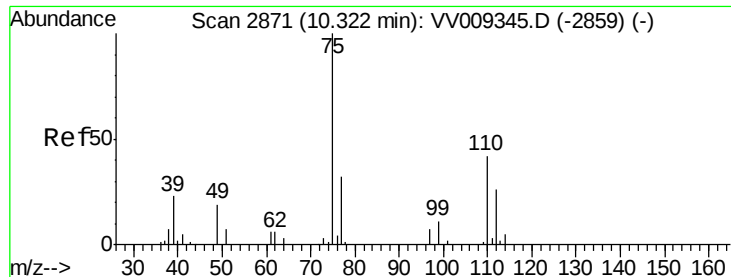
Tgt Ion: 63 Resp: 4687
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.564 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009346.D
 Acq: 25 Feb 2019 12:35

Tgt Ion: 75 Resp: 1466
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.299 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009346.D

Acq: 25 Feb 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

Tgt Ion: 75 Resp: 7307

Ion Ratio Lower Upper

75 100

77 37.5 26.3 39.5

