

Data File : VV009329.D
Acq On : 22 Feb 2019 15:04
Operator : SY/MD
Sample : VV0222SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: Feb 23 00:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130983	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123573	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58079	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42774	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	61536	29.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.40%
10) 1,1-Dichloroethene-d2	2.13	63	85062	19.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.40%
20) 2-Butanone-d5	3.95	46	22342	36.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.26%
24) Chloroform-d	4.40	84	68175	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.08	65	37070	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.92%
29) Benzene-d6	5.10	84	146902	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	6.12	67	44575	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	7.36	98	138026	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	7.66	79	19585	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	8.14	63	20174	39.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42661	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	49752	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

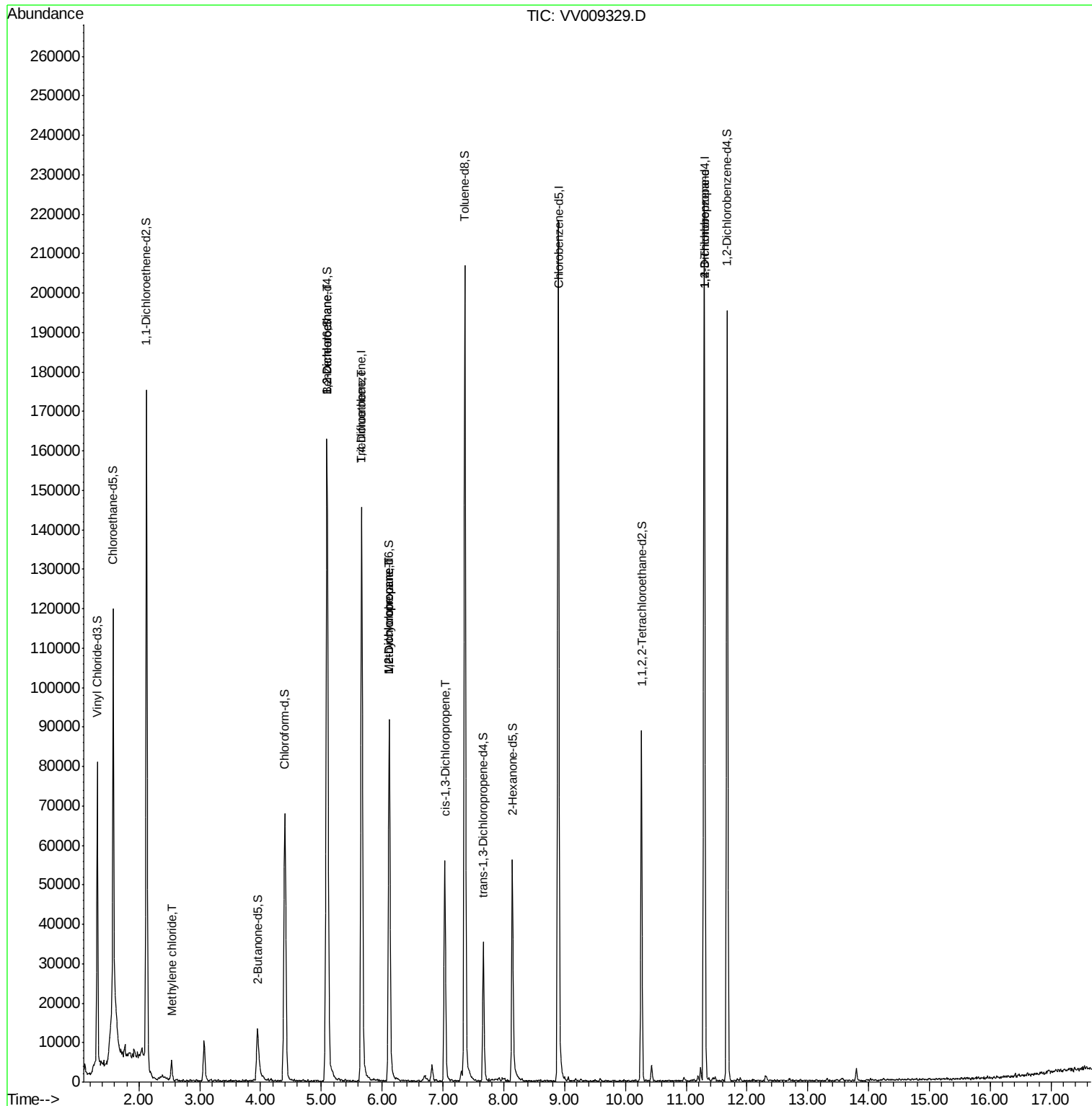
						Qvalue
16) Methylene chloride	2.53	84	2111	1.065	ug/L	94
27) 1,2-Dichloroethane	5.09	62	844	0.407	ug/L #	72
35) Trichloroethene	5.66	95	1611	0.857	ug/L #	4
36) Methylcyclohexane	6.12	83	10806	3.287	ug/L #	22
40) 1,2-Dichloropropane	6.12	63	4959	3.024	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1582	0.568	ug/L #	34
59) 1,2,3-Trichloropropene	11.30	75	7966	5.394	ug/L	94

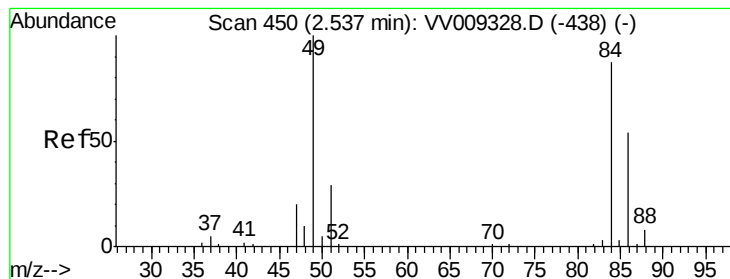
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.065 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 22 Feb 2019 15:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK61

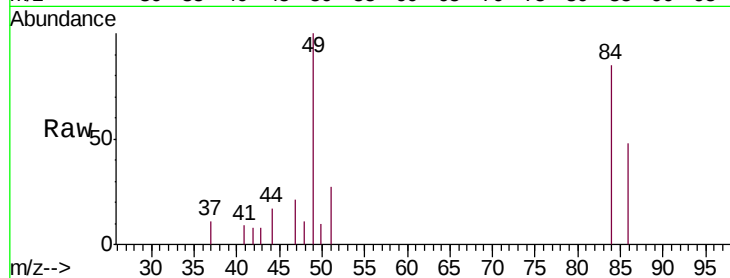
Tgt Ion: 84 Resp: 2111

Ion Ratio Lower Upper

84 100

49 117.3 78.7 146.1

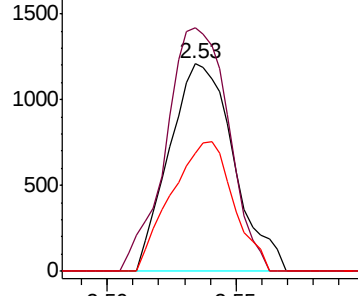
86 56.7 44.0 81.6



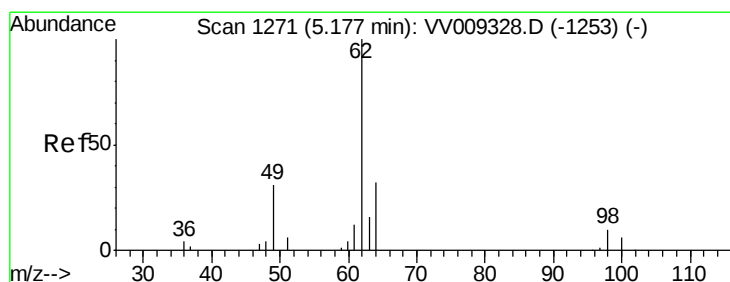
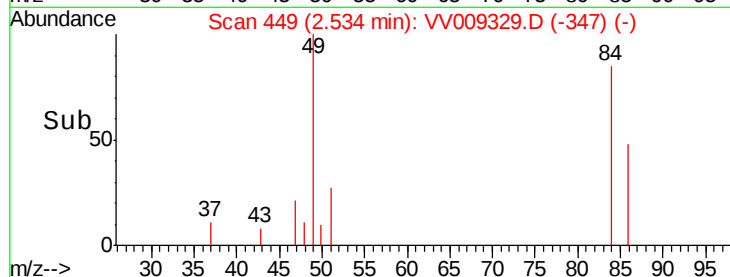
Abundance Ion 84.00 (83.70 to 84.70): VV009329.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV009329.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV009329.D (-347) (-)



Time-->



#27

1,2-Dichloroethane

Concen: 0.407 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV009329.D

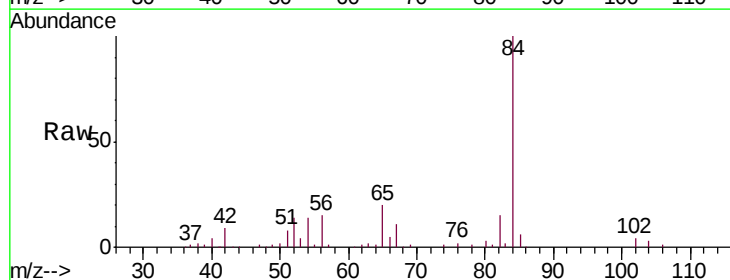
Acq: 22 Feb 2019 15:04

Tgt Ion: 62 Resp: 844

Ion Ratio Lower Upper

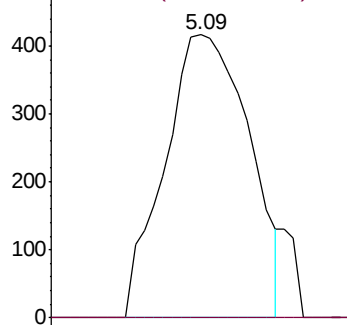
62 100

98 0.0 8.5 12.7#

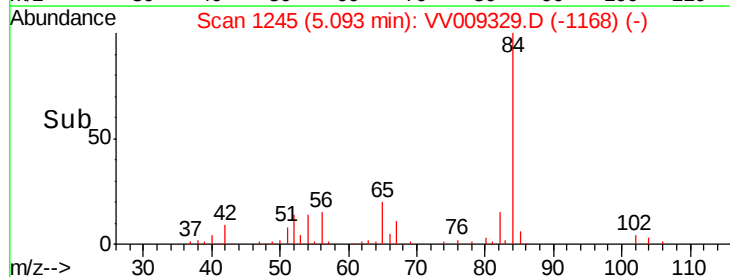


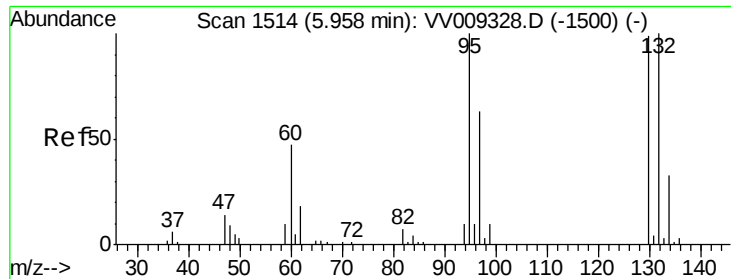
Abundance Ion 62.00 (61.70 to 62.70): VV009329.D (-1168) (-)

Ion 98.00 (97.70 to 98.70): VV009329.D (-1168) (-)



Time-->





#35

Trichloroethene

Concen: 0.857 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV009329.D

Acq: 22 Feb 2019 15:04

Instrument :

MSVOA_V

ClientSampled :

VBLK61

Tgt Ion: 95 Resp: 1611

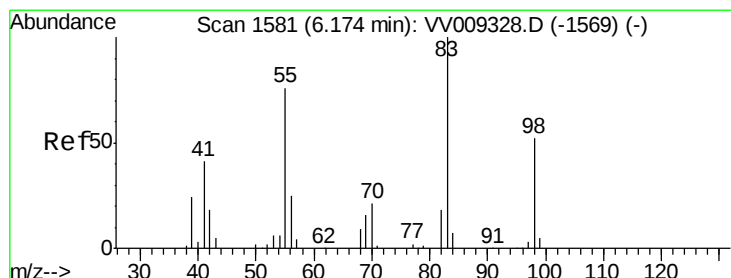
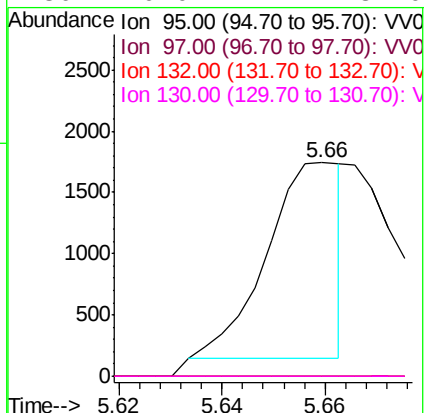
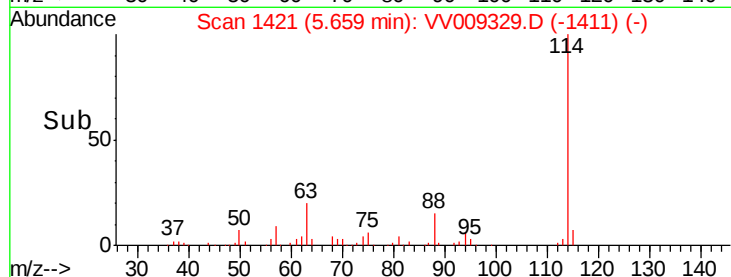
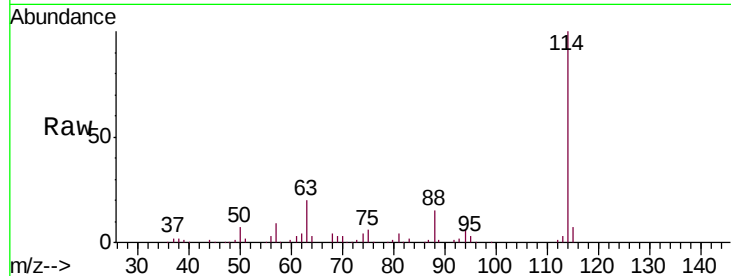
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 68.7 127.5#

130 0.0 72.2 134.0#



#36

Methylcyclohexane

Concen: 3.287 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV009329.D

Acq: 22 Feb 2019 15:04

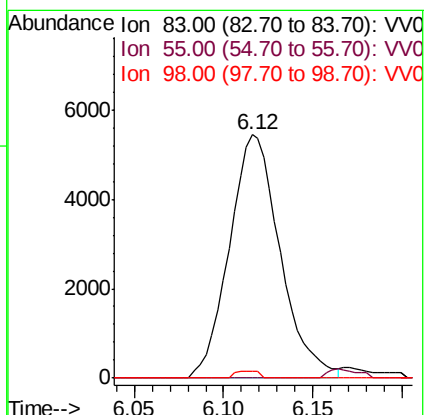
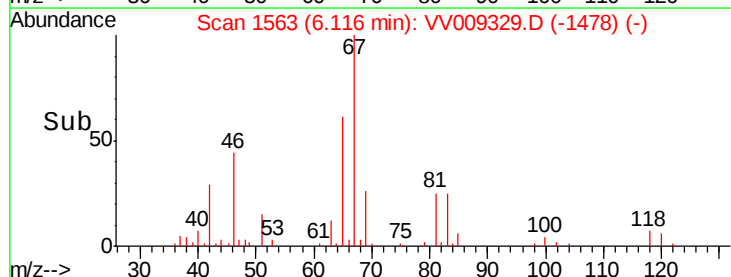
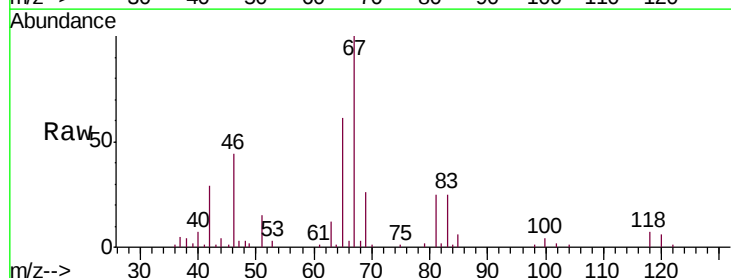
Tgt Ion: 83 Resp: 10806

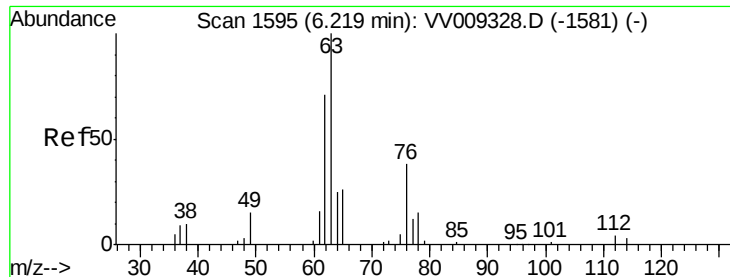
Ion Ratio Lower Upper

83 100

55 1.7 55.8 83.6#

98 1.3 40.3 60.5#

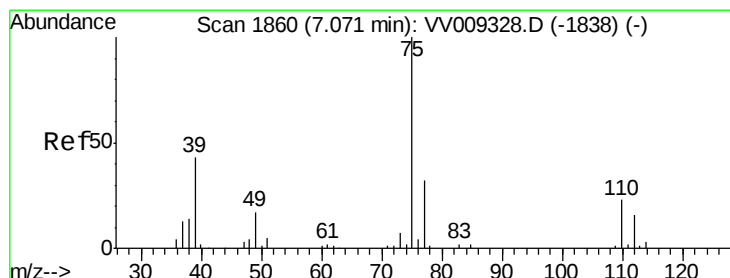
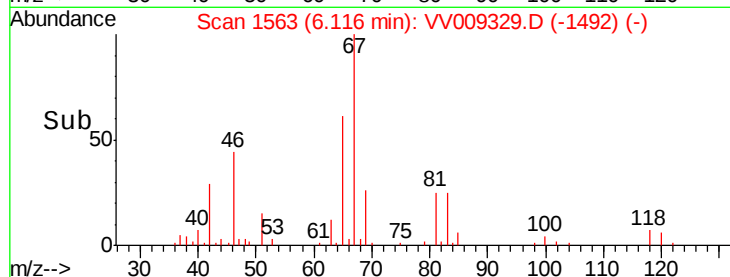
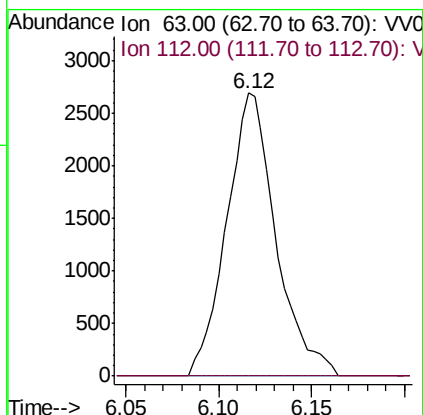
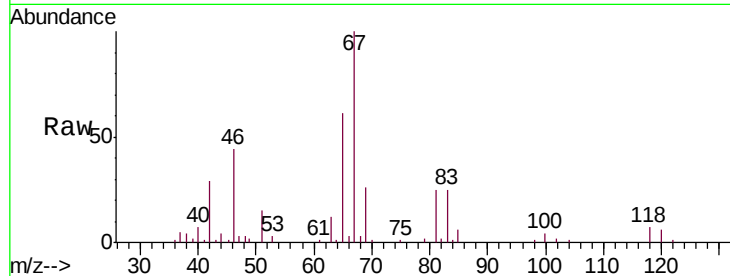




#40
 1,2-Dichloropropane
 Concen: 3.024 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009329.D
 Acq: 22 Feb 2019 15:04

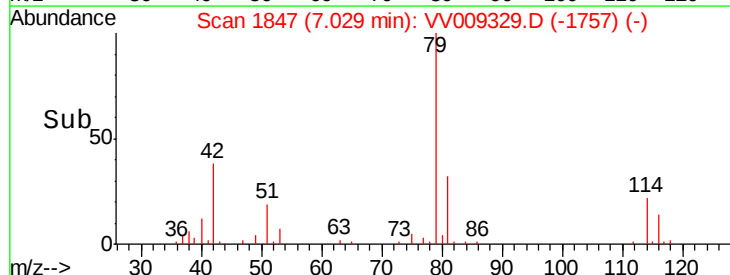
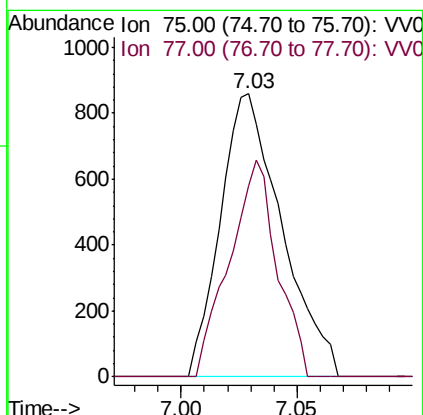
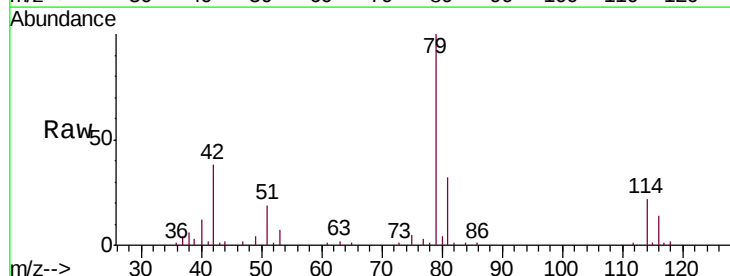
Instrument :
 MSVOA_V
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 VBLK61

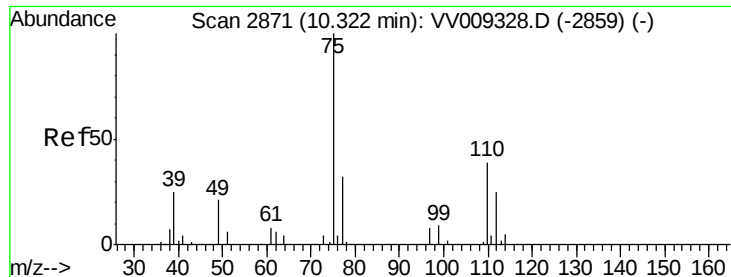
Tgt Ion: 63 Resp: 4959
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.568 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009329.D
 Acq: 22 Feb 2019 15:04

Tgt Ion: 75 Resp: 1582
 Ion Ratio Lower Upper
 75 100
 77 67.6 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.394 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009329.D

Acq: 22 Feb 2019 15:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK61

Tgt Ion: 75 Resp: 7966

Ion Ratio Lower Upper

75 100

77 36.5 26.3 39.5

