

Data File : VV009316.D
Acq On : 21 Feb 2019 11:06
Operator : SY/MD
Sample : VV0221SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK80

Quant Time: Feb 22 04:55:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121755	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110844	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37996	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
7) Chloroethane-d5	1.58	69	46706	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
10) 1,1-Dichloroethene-d2	2.13	63	74240	18.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.56%
20) 2-Butanone-d5	3.95	46	30888	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
24) Chloroform-d	4.40	84	63478	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	36614	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	5.10	84	138558	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	6.12	67	41596	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.68%
37) Toluene-d8	7.36	98	132527	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	7.67	79	19471	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	8.14	63	26091	57.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46392	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	49042	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

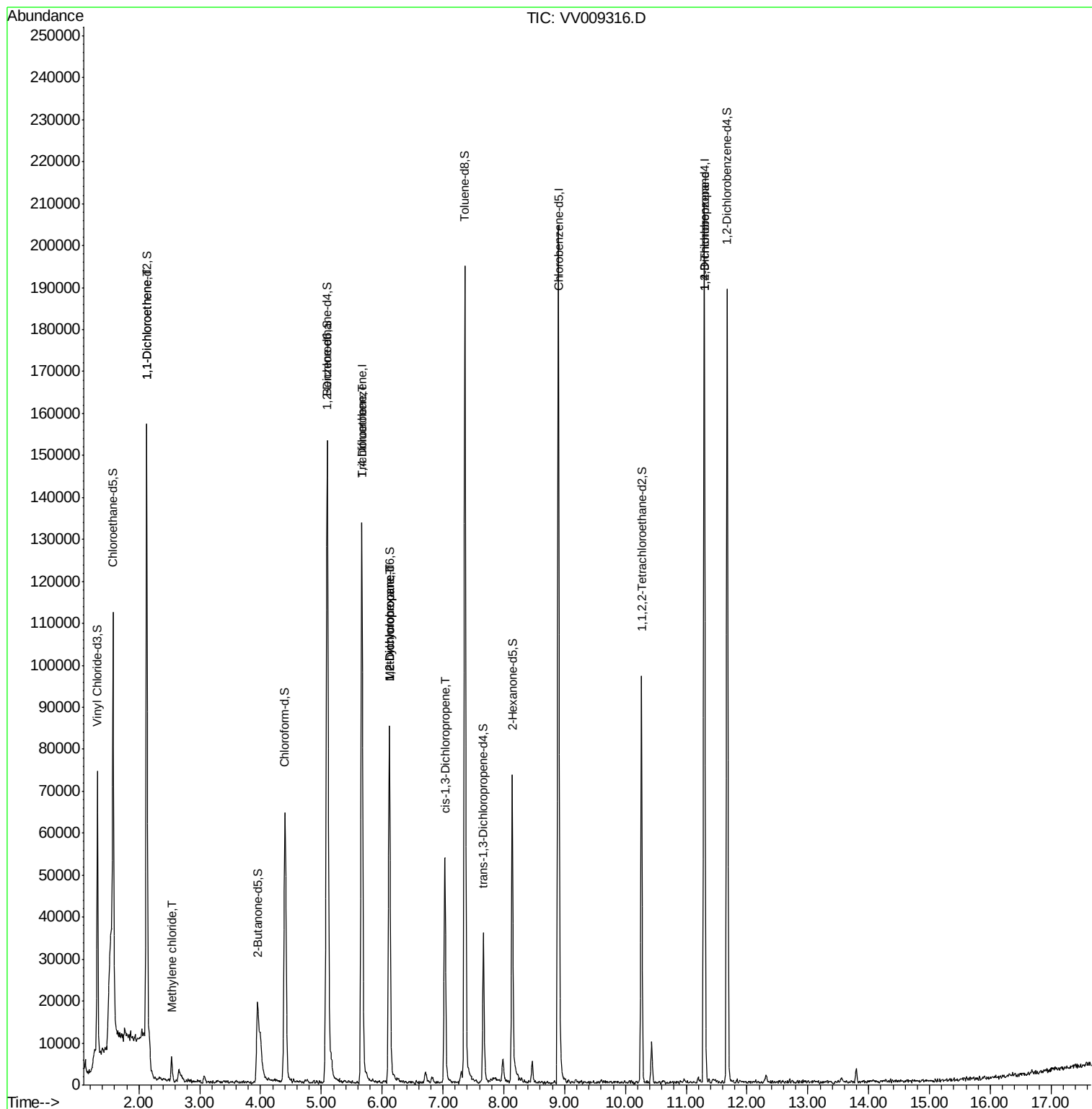
					Qvalue
12) 1,1-Dichloroethene	2.13	96	828	0.464 ug/L #	1
16) Methylene chloride	2.53	84	2426	1.317 ug/L	91
35) Trichloroethene	5.66	95	3171	1.881 ug/L #	4
36) Methylcyclohexane	6.12	83	9918	3.363 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	4545	3.090 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1774	0.711 ug/L #	67
59) 1,2,3-Trichloropropene	11.30	75	6814	5.144 ug/L	92

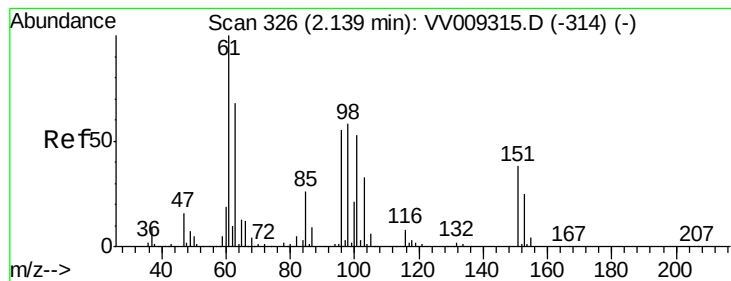
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.464 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 21 Feb 2019 11:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

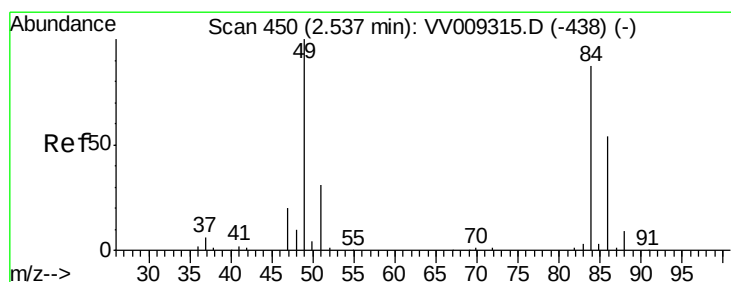
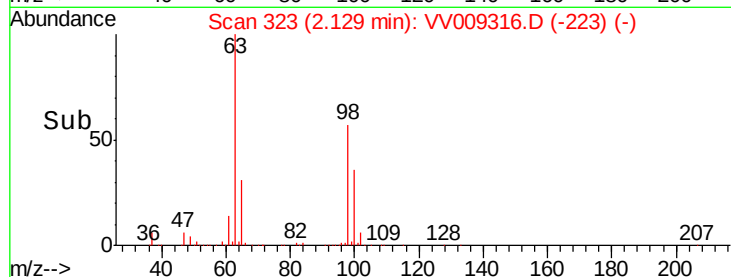
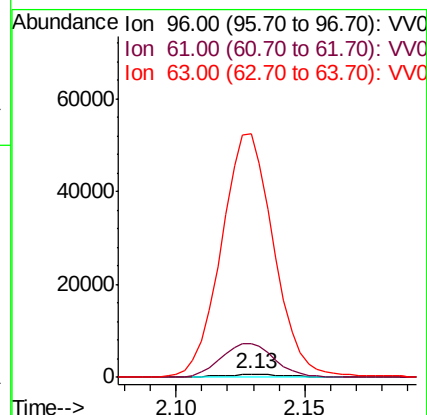
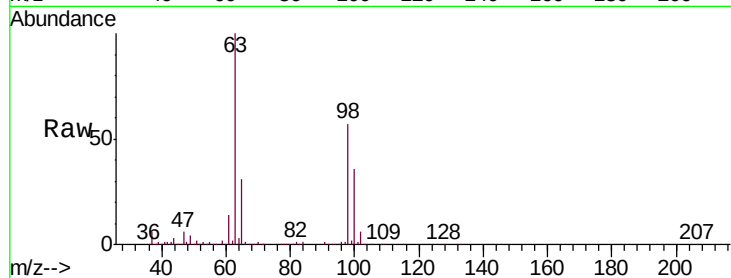
Tgt Ion: 96 Resp: 828

Ion Ratio Lower Upper

96 100

61 1085.0 123.3 228.9#

63 7852.7 88.4 164.2#



#16

Methylene chloride

Concen: 1.317 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009316.D

Acq: 21 Feb 2019 11:06

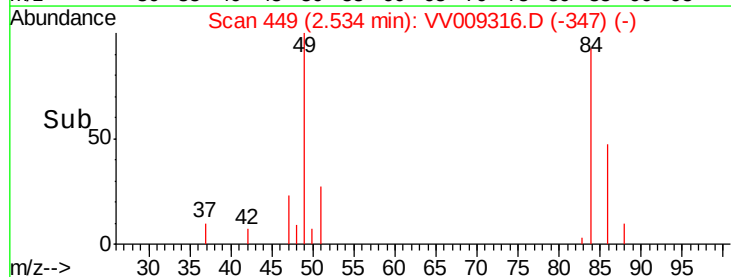
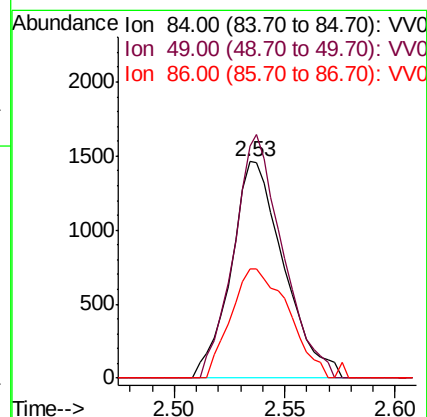
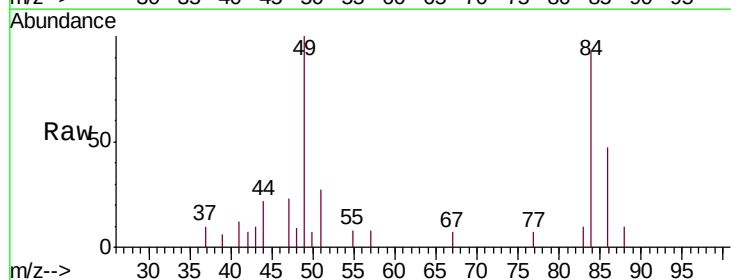
Tgt Ion: 84 Resp: 2426

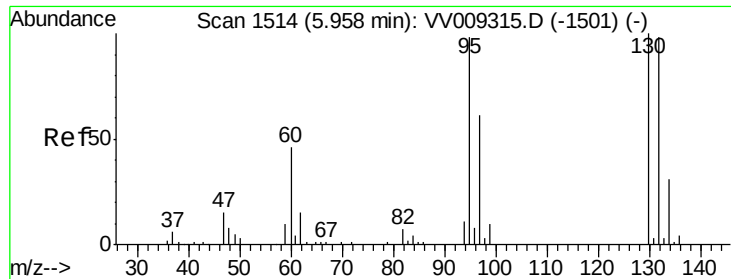
Ion Ratio Lower Upper

84 100

49 107.4 78.7 146.1

86 50.4 44.0 81.6





#35

Trichloroethene

Concen: 1.881 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Acq: 21 Feb 2019 11:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

Tgt Ion: 95 Resp: 3171

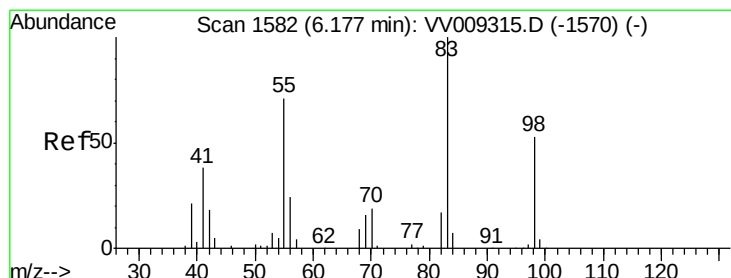
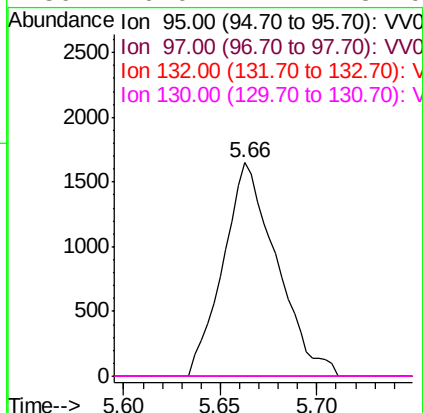
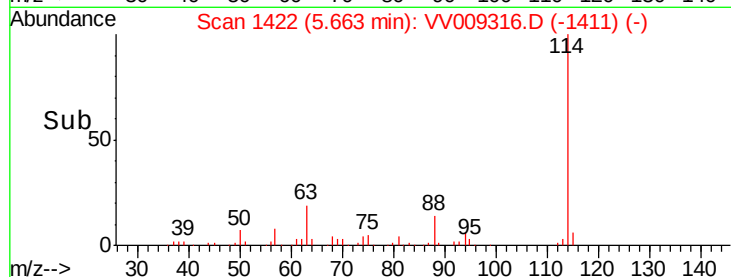
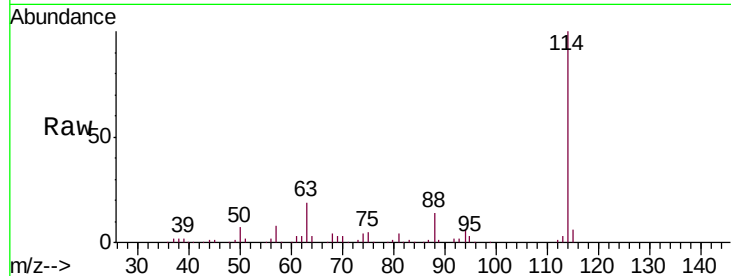
Ion Ratio Lower Upper

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: 3.363 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV009316.D

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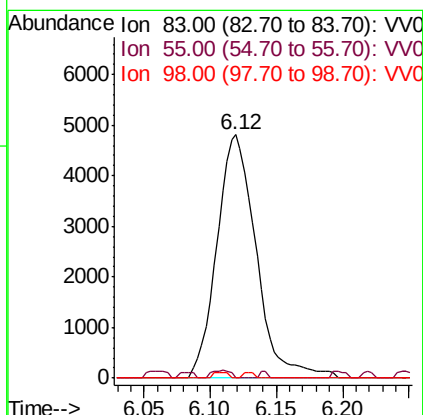
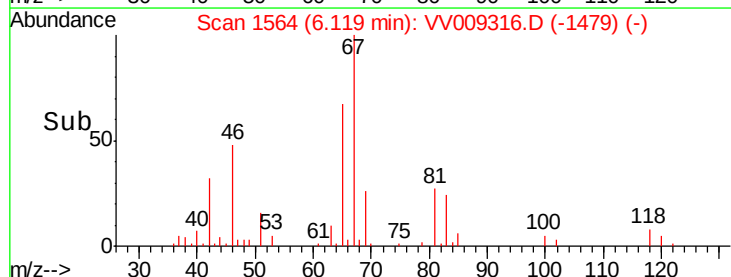
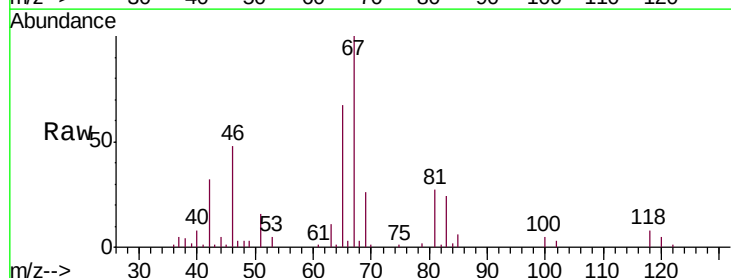
Tgt Ion: 83 Resp: 9918

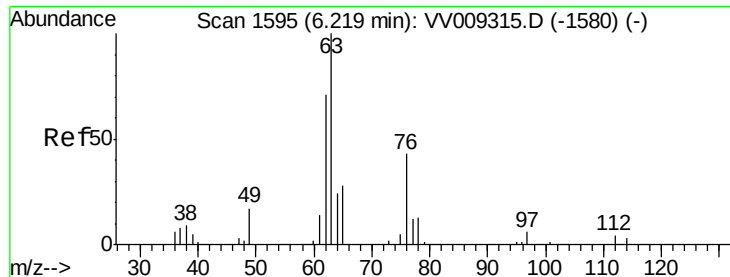
Ion Ratio Lower Upper

83 100

55 1.5 55.8 83.6#

98 0.7 40.3 60.5#

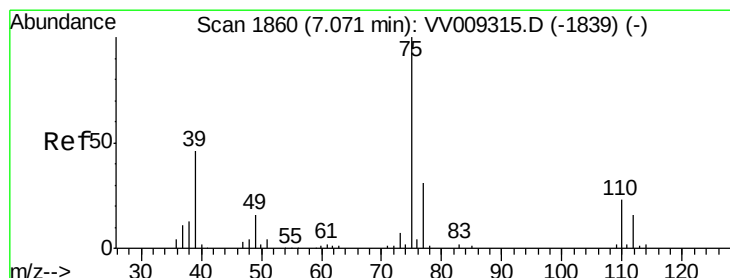
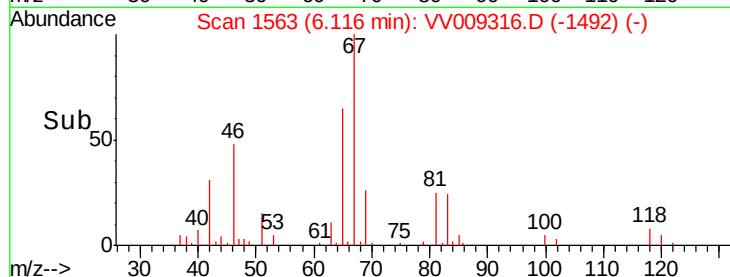
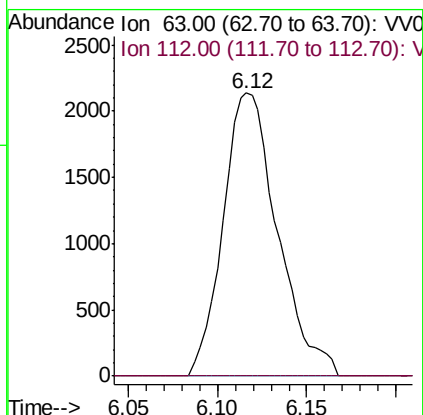
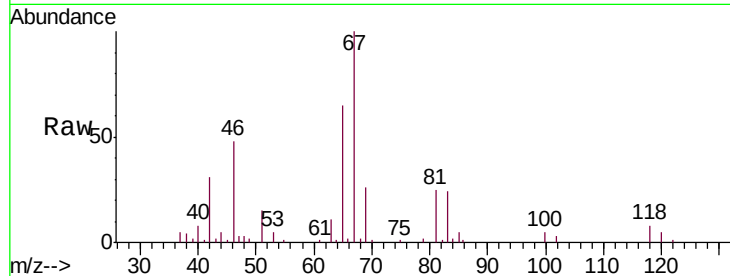




#40
 1,2-Dichloropropane
 Concen: 3.090 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009316.D
 Acq: 21 Feb 2019 11:06

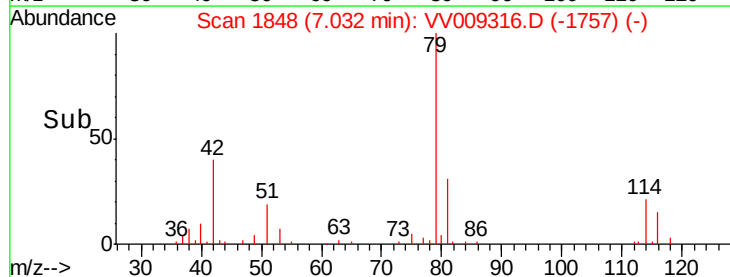
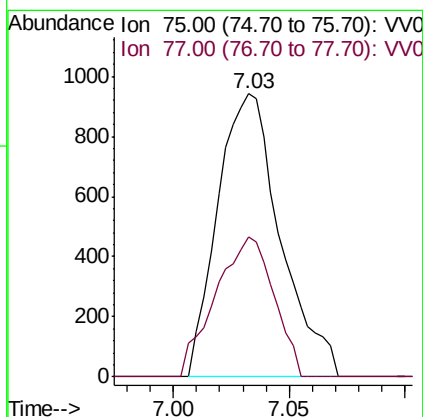
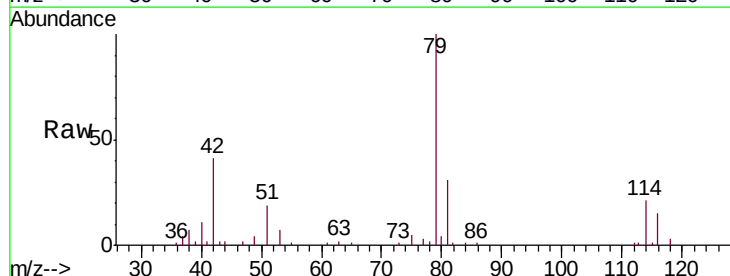
Instrument :
 MSVOA_V
 ClientSampleID :
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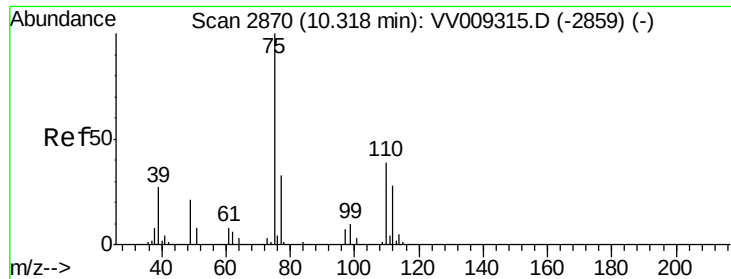
Tgt Ion: 63 Resp: 4545
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.711 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009316.D
 Acq: 21 Feb 2019 11:06

Tgt Ion: 75 Resp: 1774
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.0 40.8#





#59
 1,2,3-Trichloropropane
 Concen: 5.144 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009316.D
 Acq: 21 Feb 2019 11:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK80

Tgt Ion: 75 Resp: 6814
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.3 39.5

