

Data File : VV008357.D
Acq On : 19 Oct 2018 10:37
Operator : SY/MD
Sample : VV1019WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK71

Quant Time: Oct 20 02:52:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38041	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.58	69	28627	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	53275	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.98	46	76231	34.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.60%
24) Chloroform-d	4.40	84	68850	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	36417	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	152735	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	51508	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	142382	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.67	79	18736	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	67446	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27888	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42167	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

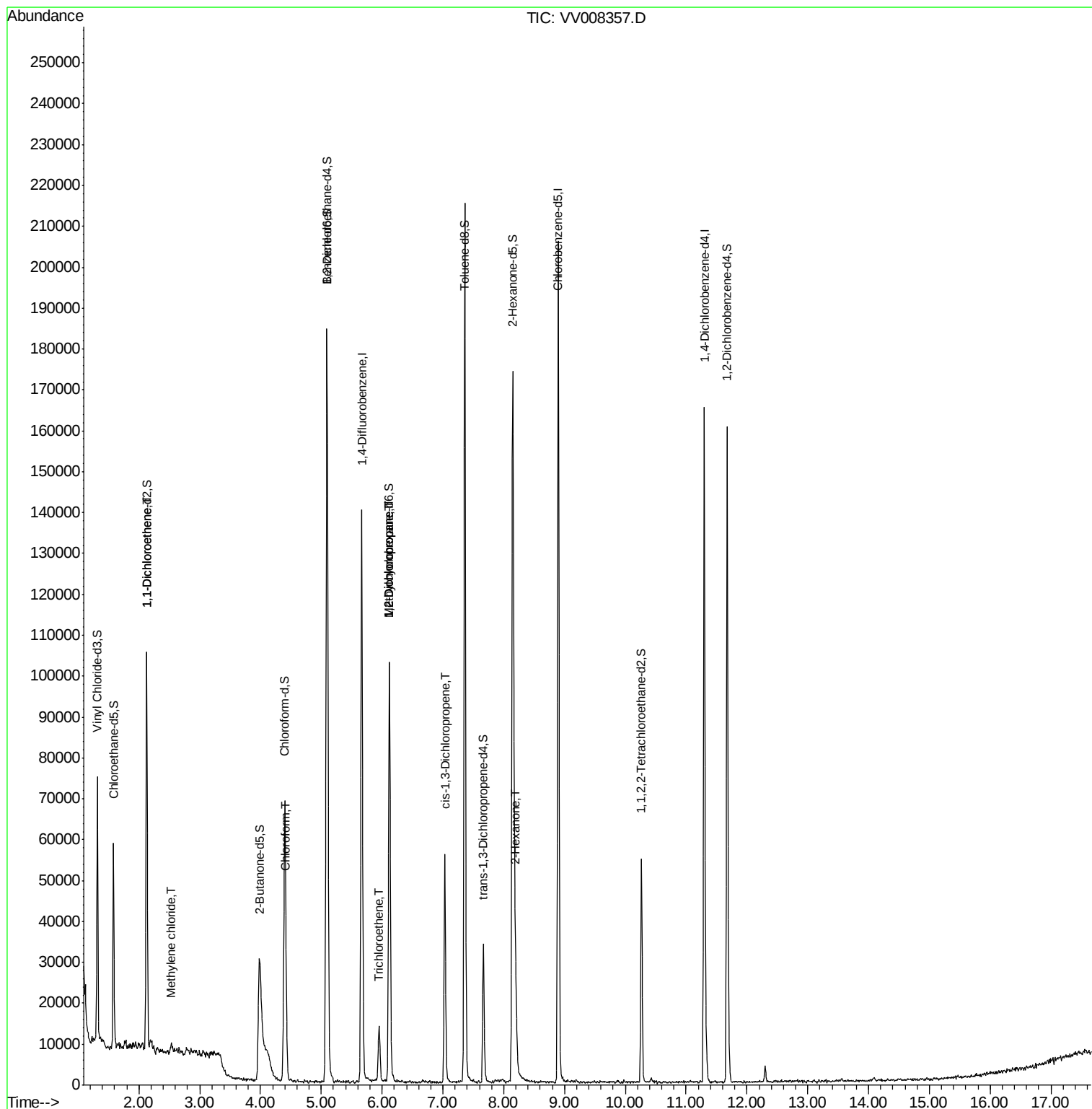
					Qvalue
12) 1,1-Dichloroethene	2.13	96	695	0.123 ug/L #	1
16) Methylene chloride	2.54	84	894	0.137 ug/L #	70
25) Chloroform	4.43	83	1326	0.086 ug/L	94
34) Trichloroethene	5.96	95	2336	0.231 ug/L	95
35) Methylcyclohexane	6.12	83	11427	0.671 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5228	0.531 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1430	0.102 ug/L #	66
48) 2-Hexanone	8.20	43	16612	3.773 ug/L #	84

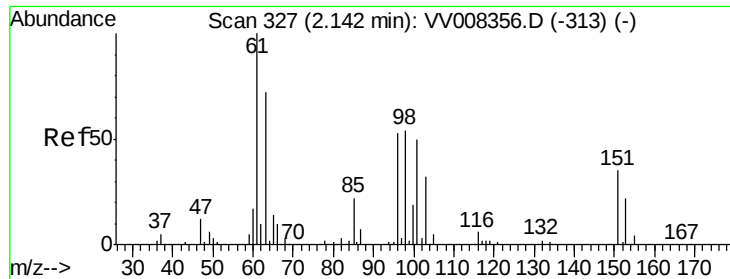
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008357.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK71

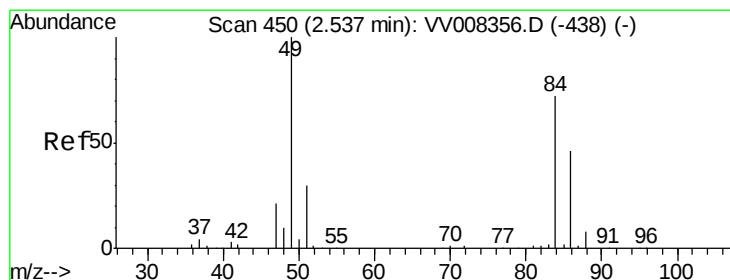
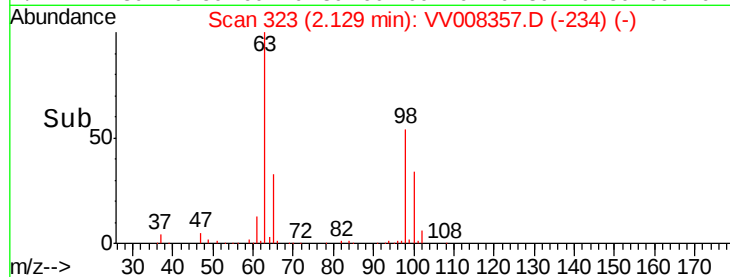
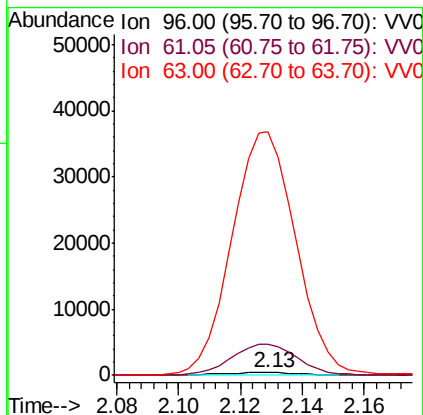
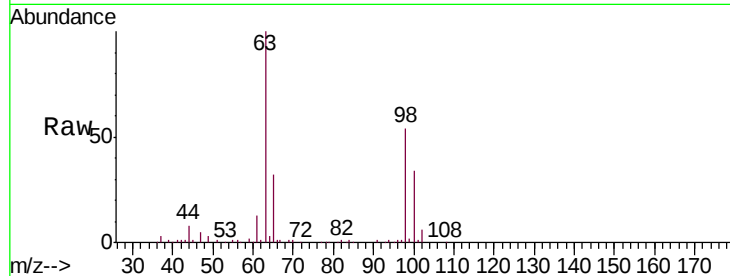
Tgt Ion: 96 Resp: 695

Ion Ratio Lower Upper

96 100

61 1255.7 129.9 241.3#

63 9811.2 103.0 191.4#



#16

Methylene chloride

Concen: 0.137 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008357.D

Acq: 19 Oct 2018 10:37

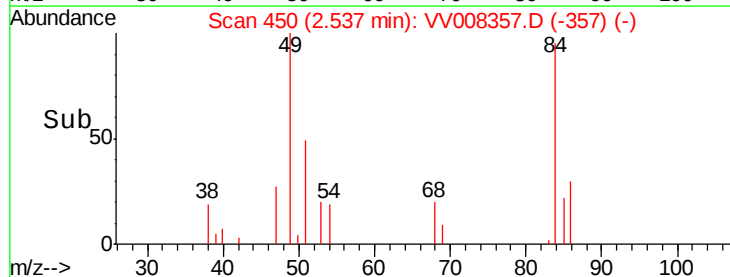
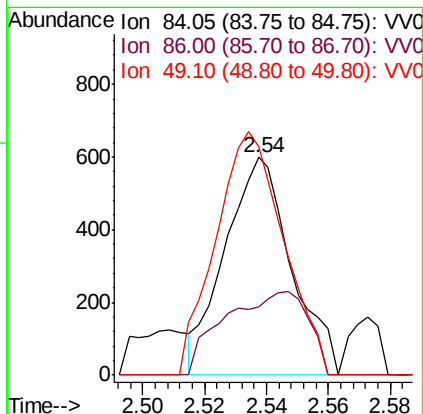
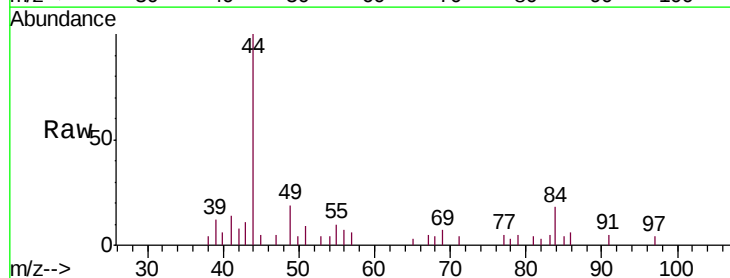
Tgt Ion: 84 Resp: 894

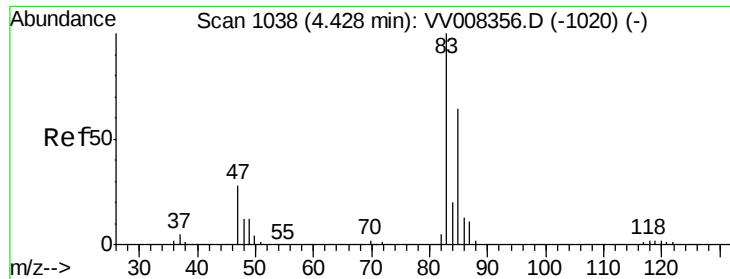
Ion Ratio Lower Upper

84 100

86 31.2 45.0 83.6#

49 104.8 92.9 172.5





#25

Chloroform

Concen: 0.086 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV008357.D

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Instrument :

MSVOA_V

ClientSampleId :

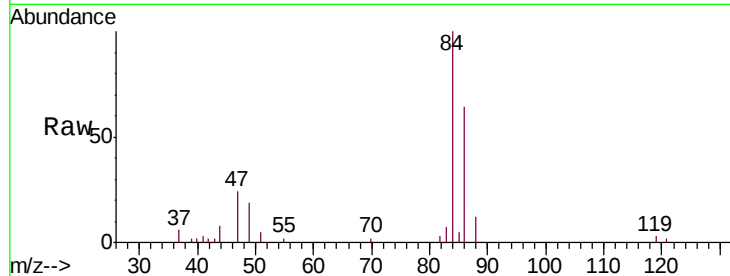
VBLK71

Tgt Ion: 83 Resp: 1326

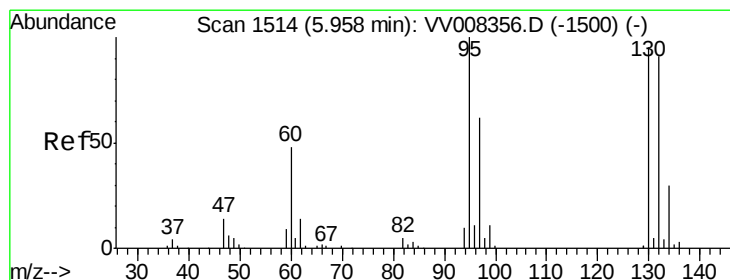
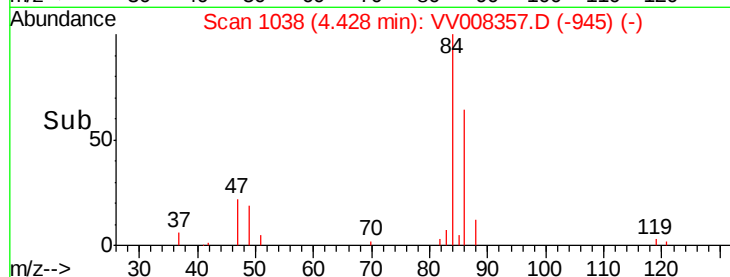
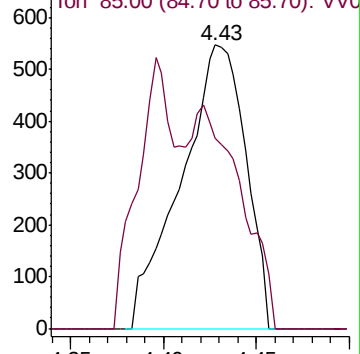
Ion Ratio Lower Upper

83 100

85 66.9 43.4 80.6



Abundance Ion 83.05 (82.75 to 83.75): VV008357.D (-945) (-)



#34

Trichloroethene

Concen: 0.231 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV008357.D

Acq: 19 Oct 2018 10:37

Tgt Ion: 95 Resp: 2336

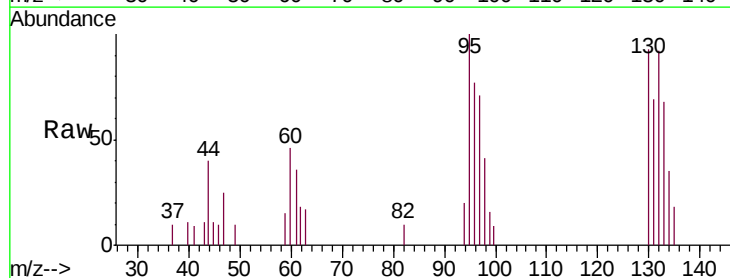
Ion Ratio Lower Upper

95 100

97 70.8 44.4 82.4

132 92.4 60.4 112.2

130 92.9 65.5 121.7

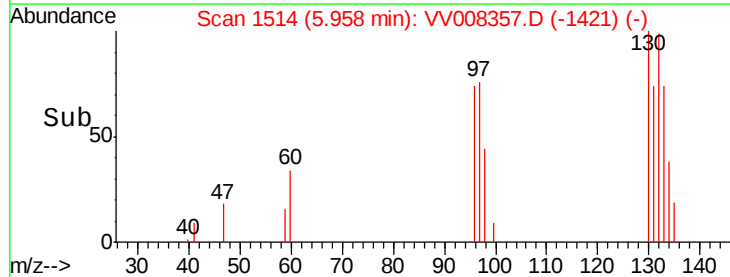
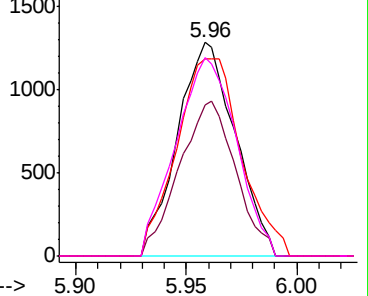


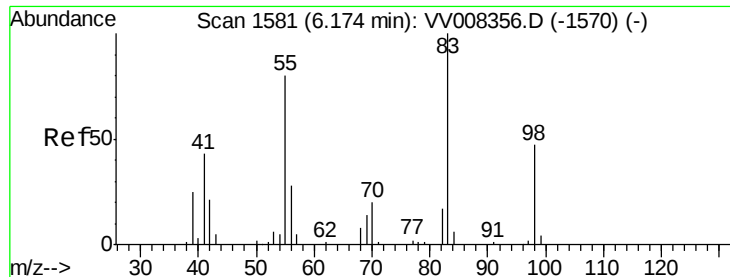
Abundance Ion 95.00 (94.70 to 95.70): VV008357.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV008357.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV008357.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV008357.D (-1421) (-)

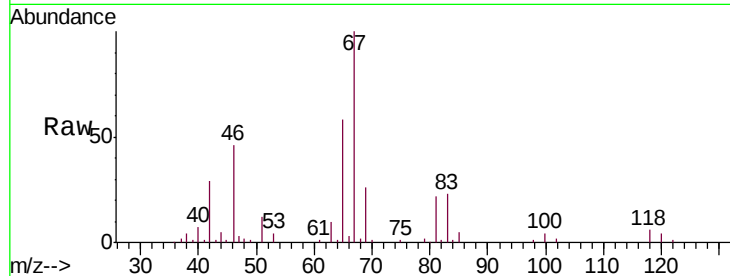




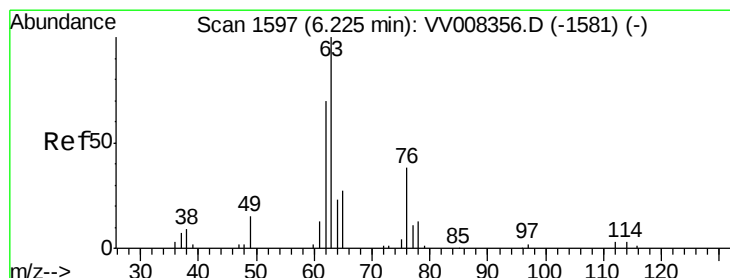
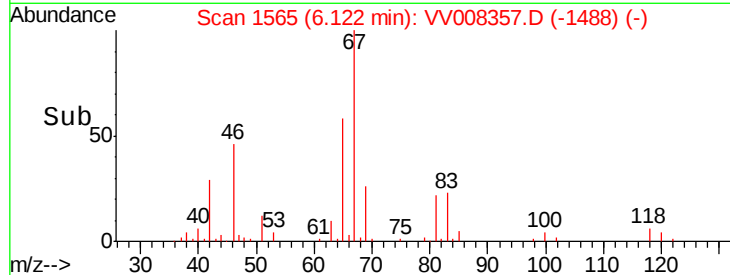
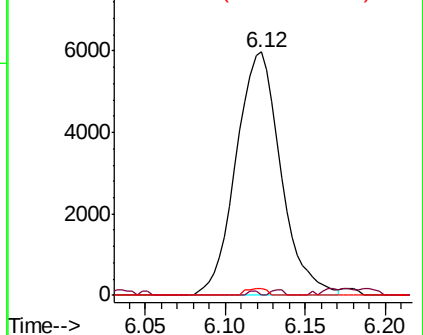
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008357.D
Acq: 19 Oct 2018 10:37

Instrument :
MSVOA_V
ClientSampleId :
VBLK71

Tgt Ion: 83 Resp: 11427
Ion Ratio Lower Upper
83 100
55 0.4 64.0 96.0#
98 1.2 37.0 55.4#

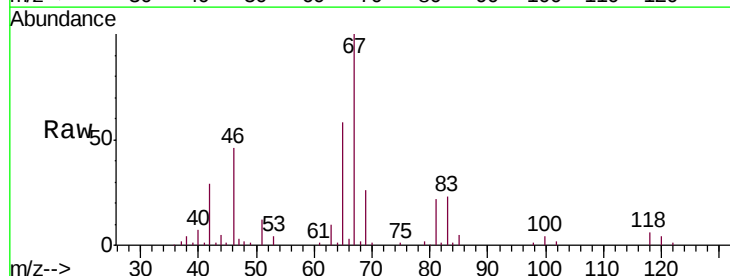


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

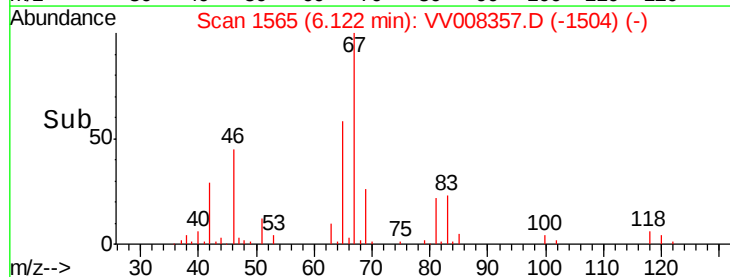
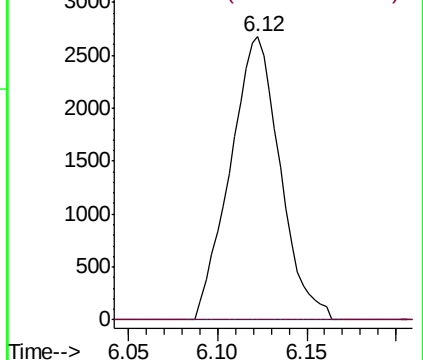


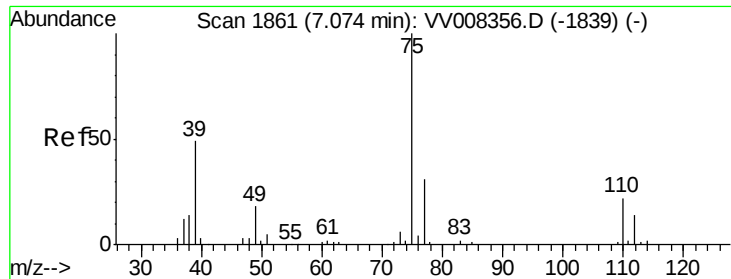
#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008357.D
Acq: 19 Oct 2018 10:37

Tgt Ion: 63 Resp: 5228
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

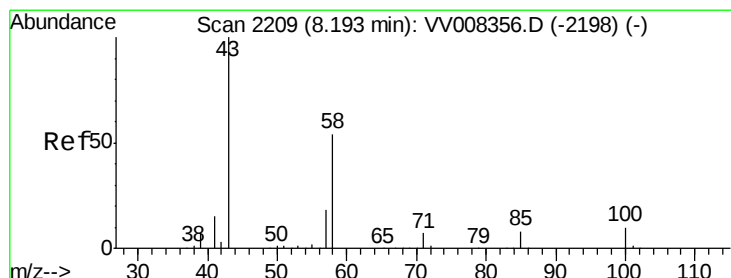
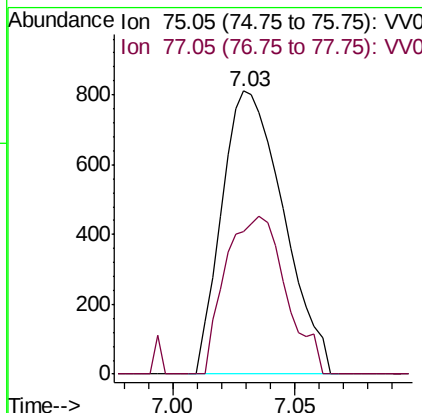
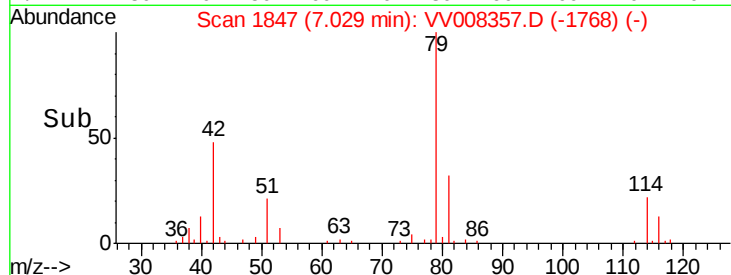
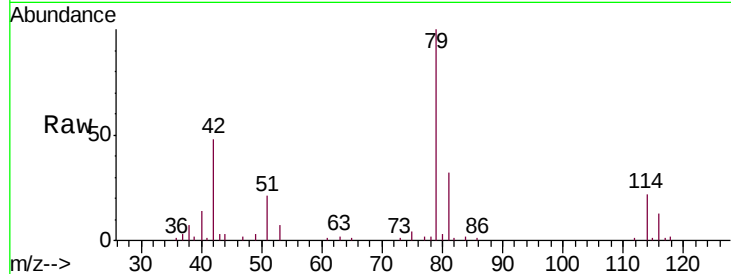




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008357.D
 Acq: 19 Oct 2018 10:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK71

Tgt Ion: 75 Resp: 1430
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.3 41.3#



#48
 2-Hexanone
 Concen: 3.773 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV008357.D
 Acq: 19 Oct 2018 10:37

Tgt Ion: 43 Resp: 16612
 Ion Ratio Lower Upper
 43 100
 58 41.1 45.0 67.4#
 57 16.6 14.4 21.6
 100 5.1 7.9 11.9#

