

Data File : VV011417.D
Acq On : 12 Jun 2019 12:18
Operator : SY/MD
Sample : K3197-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 13 01:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	121633	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	44107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44440	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.55	69	32456	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	74973	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.95	46	116706	56.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	4.39	84	82055	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	46174	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.08	84	165447	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	49990	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.35	98	144113	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	14499	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.14	63	77688	46.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31056	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	45093	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

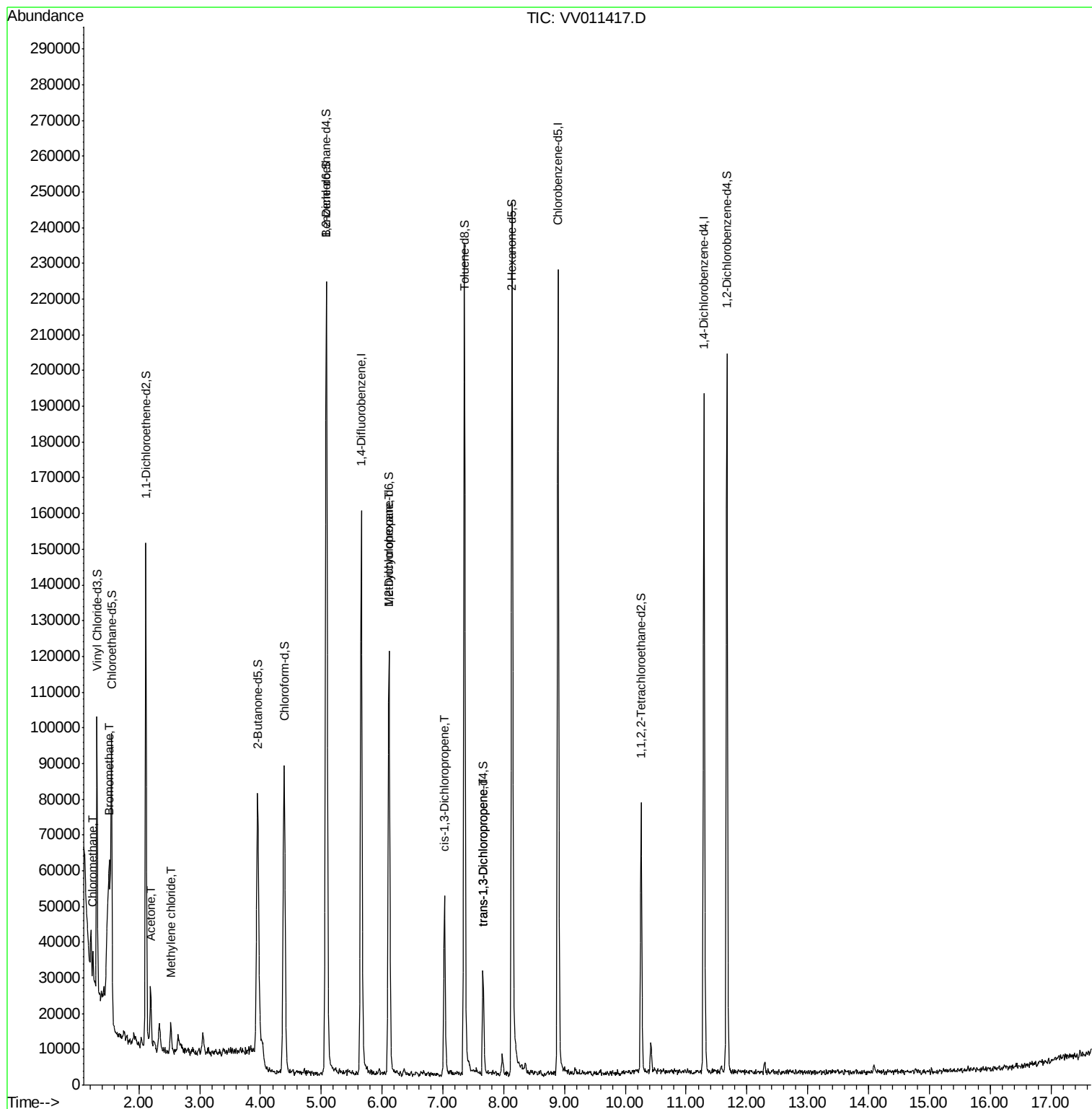
					Qvalue
3) Chloromethane	1.24	50	7037	0.607 ug/L	97
6) Bromomethane	1.51	94	3227	0.554 ug/L	100
13) Acetone	2.19	43	4175	3.001 ug/L	99
16) Methylene chloride	2.52	84	2753	0.349 ug/L	76
35) Methylcyclohexane	6.11	83	12278	0.803 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1507	0.116 ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	1005	0.101 ug/L #	69

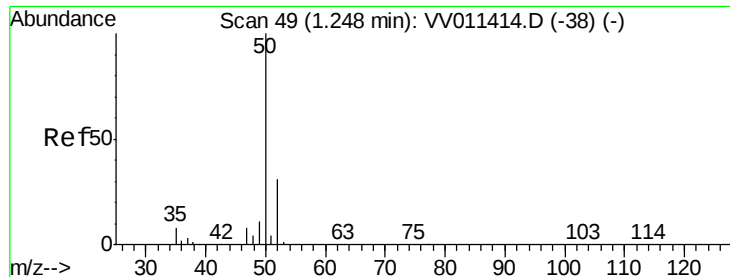
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011417.D
Acq On : 12 Jun 2019 12:18
Operator : SY/MD
Sample : K3197-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 13 01:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.607 ug/L

RT: 1.24 min Scan# 47

Delta R.T. -0.01 min

Lab File: VV011417.D

Acq: 12 Jun 2019 12:18

Instrument :

MSVOA_V

ClientSampleId :

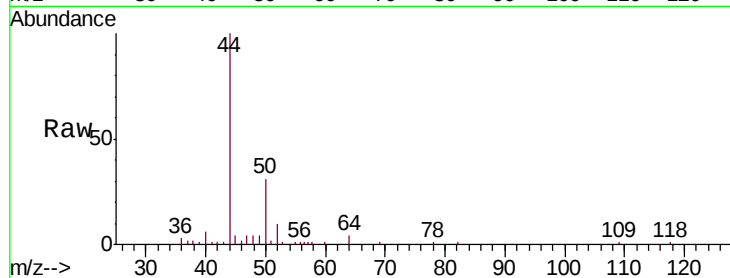
VHBLK01

Tgt Ion: 50 Resp: 7037

Ion Ratio Lower Upper

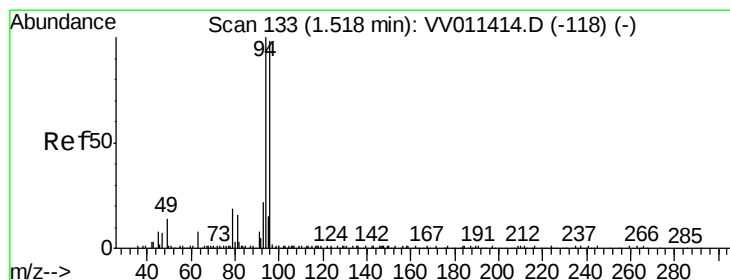
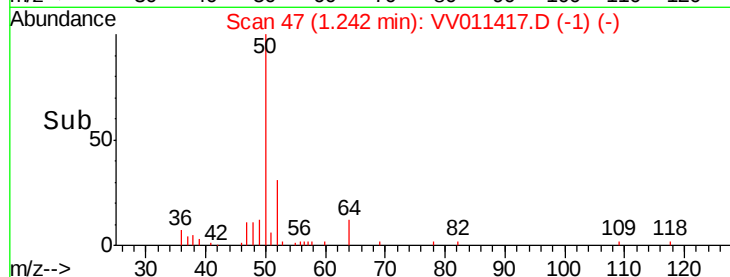
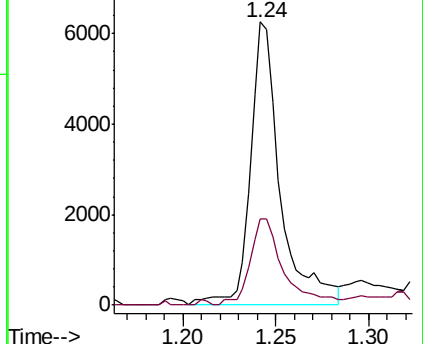
50 100

52 30.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.554 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

Lab File: VV011417.D

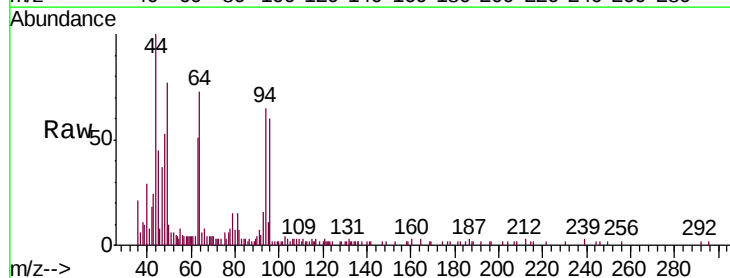
Acq: 12 Jun 2019 12:18

Tgt Ion: 94 Resp: 3227

Ion Ratio Lower Upper

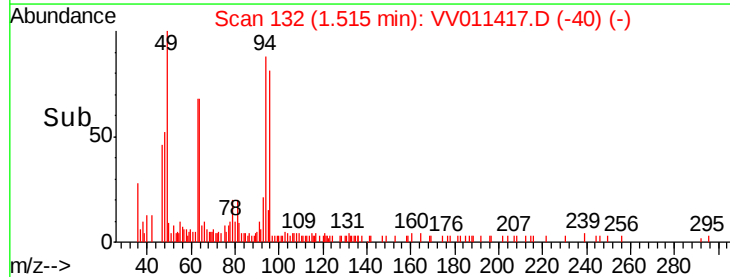
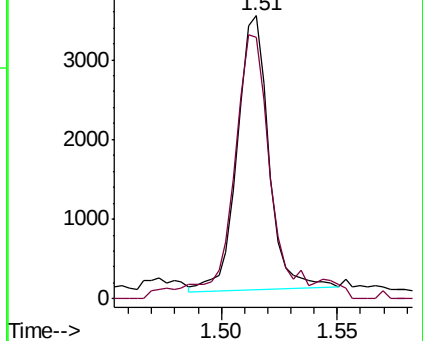
94 100

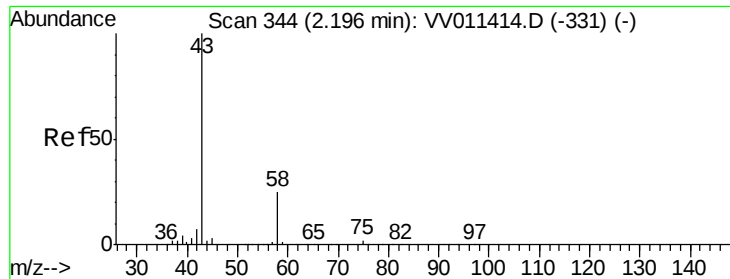
96 96.0 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#13

Acetone

Concen: 3.001 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011417.D

Acq: 12 Jun 2019 12:18

Instrument :

MSVOA_V

ClientSampleId :

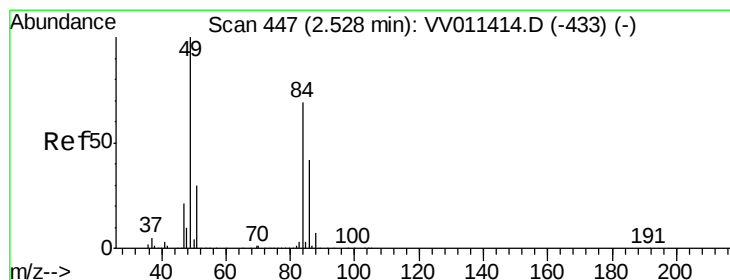
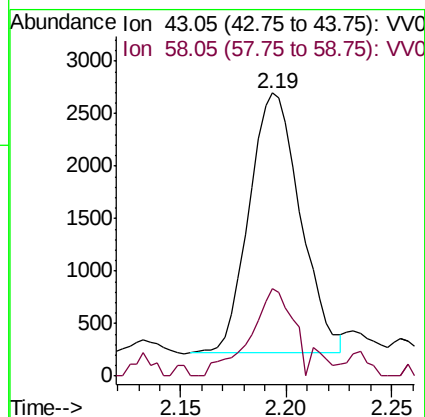
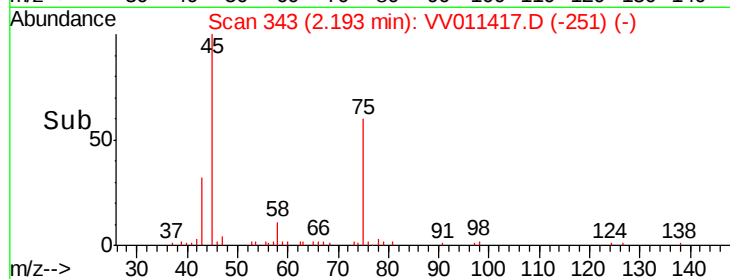
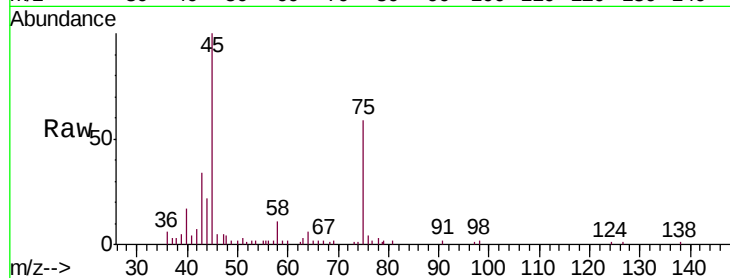
VHBLK01

Tgt Ion: 43 Resp: 4175

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.2



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV011417.D

Acq: 12 Jun 2019 12:18

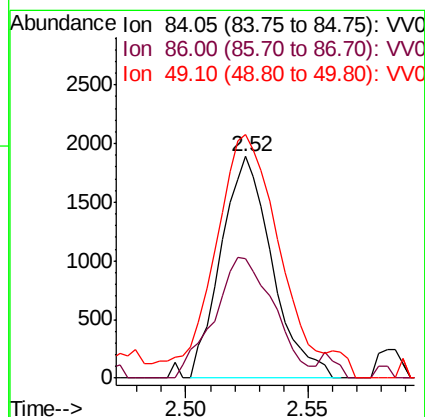
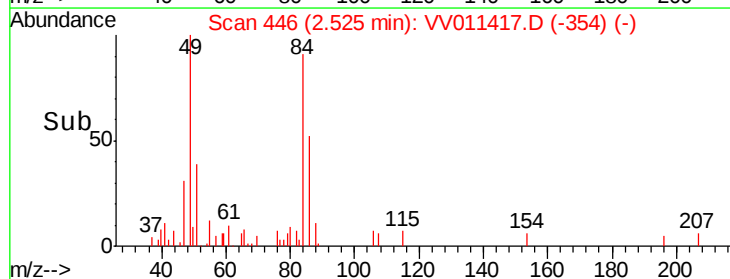
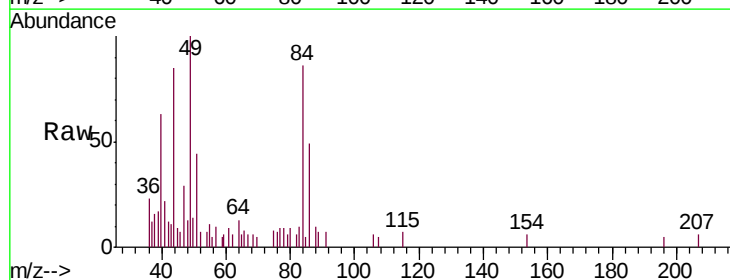
Tgt Ion: 84 Resp: 2753

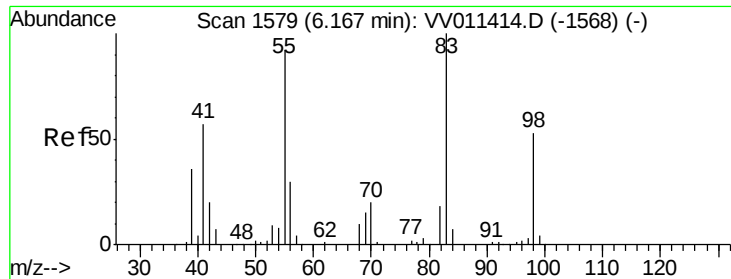
Ion Ratio Lower Upper

84 100

86 54.0 44.9 83.3

49 109.9 102.1 189.5

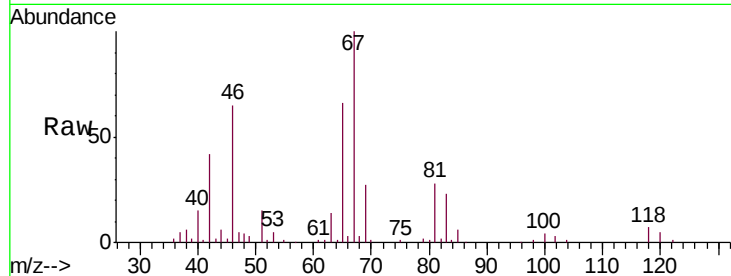




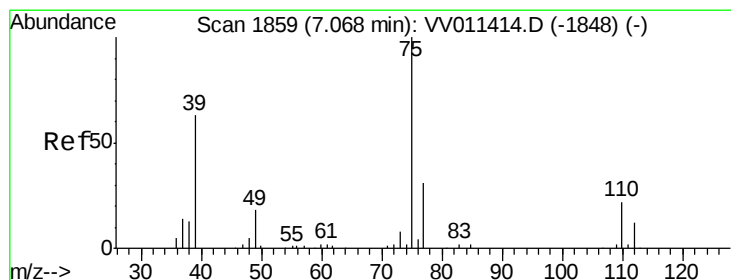
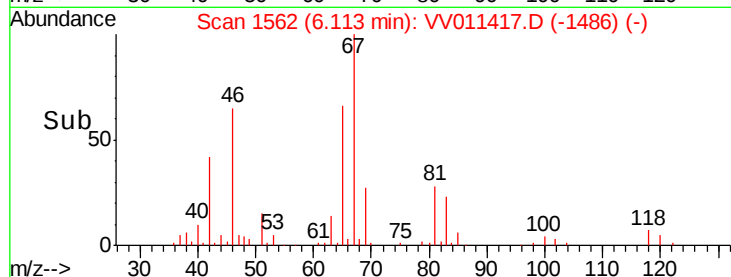
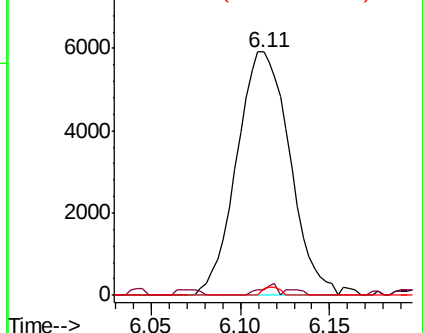
#35
Methylcyclohexane
Concen: 0.803 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV011417.D
Acq: 12 Jun 2019 12:18

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 12278
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 1.0 40.0 60.0#

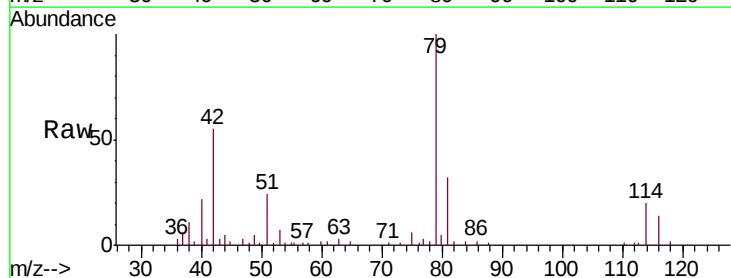


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

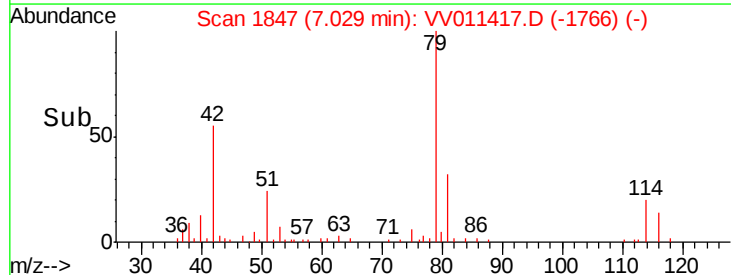
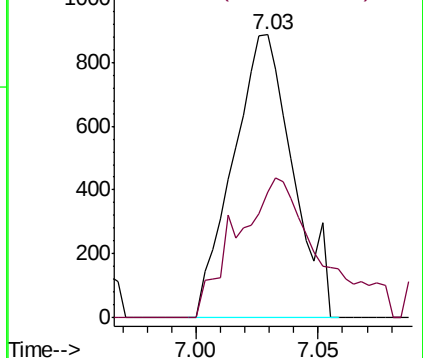


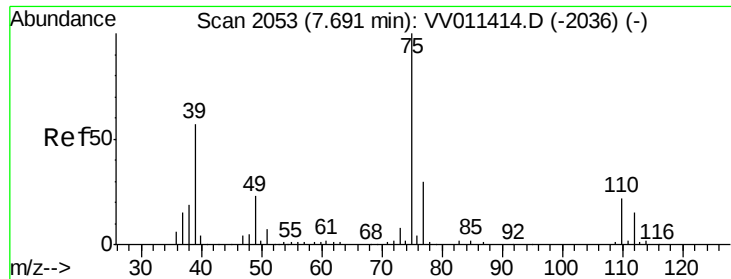
#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011417.D
Acq: 12 Jun 2019 12:18

Tgt Ion: 75 Resp: 1507
Ion Ratio Lower Upper
75 100
77 44.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011417.D

Acq: 12 Jun 2019 12:18

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 50.3 23.1 42.9#

