

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
 Data File : VV011618.D
 Acq On : 19 Jun 2019 14:08
 Operator : SY/MD
 Sample : K3289-07
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 20 02:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165305	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58086	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66095	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.56	69	42063	5.32	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	95593	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.94	46	149260	42.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	4.39	84	113686	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	66498	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.09	84	244289	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.11	67	73704	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	208985	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.66	79	21437	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.13	63	112025	41.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45966	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	65710	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

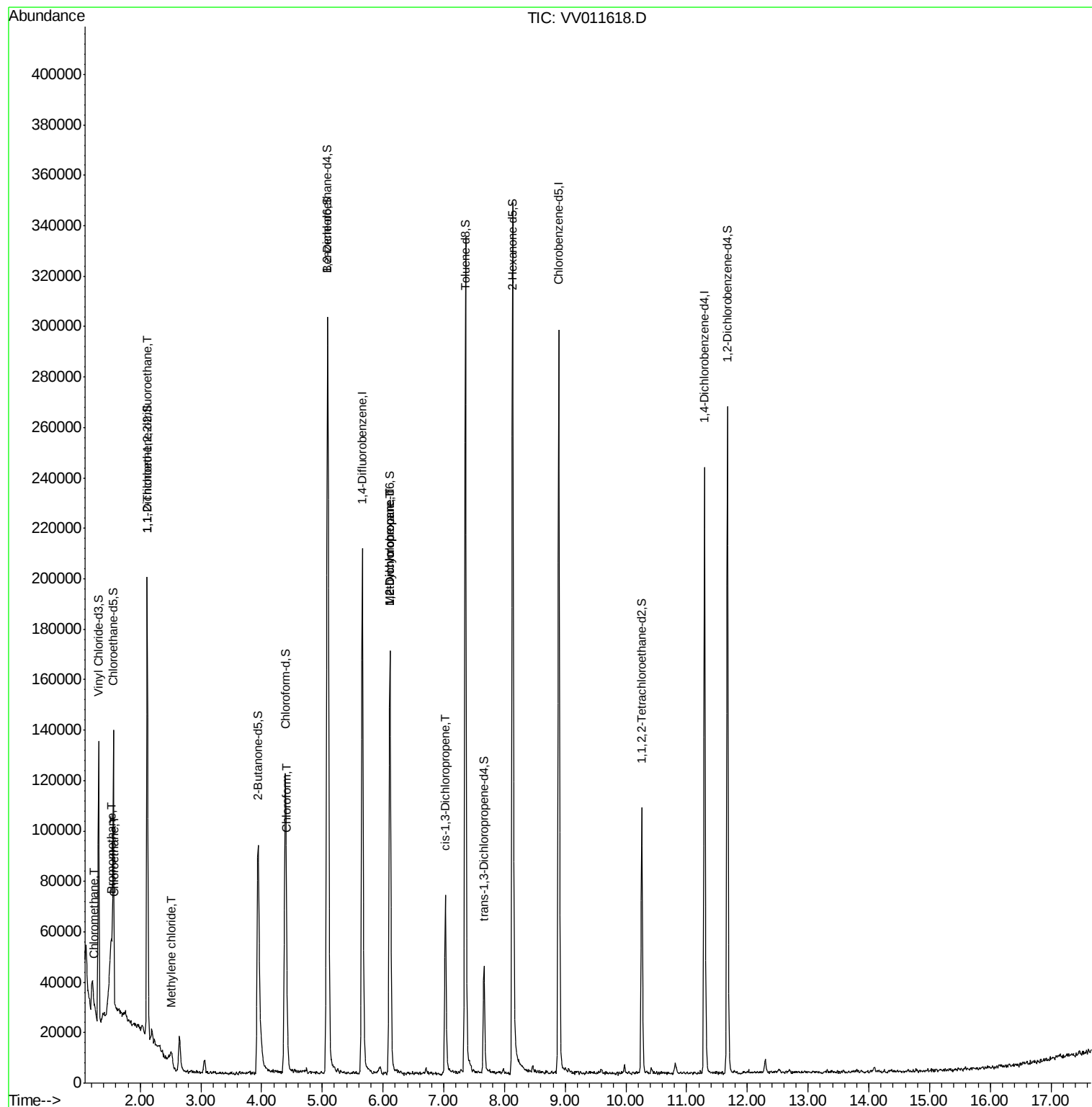
					Qvalue
3) Chloromethane	1.25	50	1822	0.114 ug/L	83
6) Bromomethane	1.52	94	1485	0.225 ug/L	82
8) Chloroethane	1.58	64	1643	0.215 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1161	0.117 ug/L #	23
16) Methylene chloride	2.52	84	1540	0.132 ug/L	85
25) Chloroform	4.42	83	5497	0.228 ug/L	94
35) Methylcyclohexane	6.11	83	17891	1.003 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9244	0.708 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1916	0.117 ug/L #	65

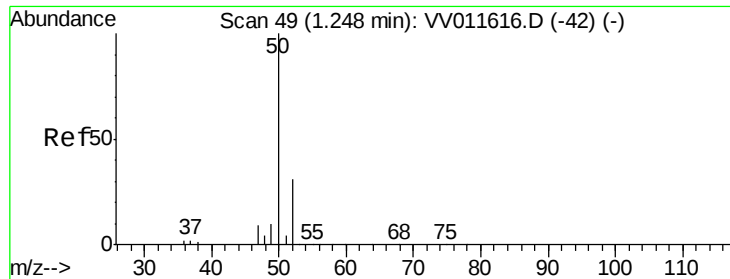
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.114 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011618.D

Acq: 19 Jun 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

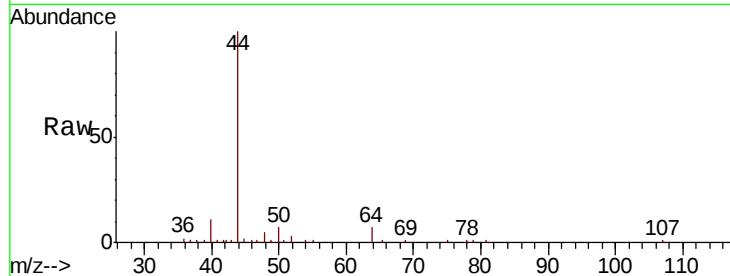
VHBLK01

Tgt Ion: 50 Resp: 1822

Ion Ratio Lower Upper

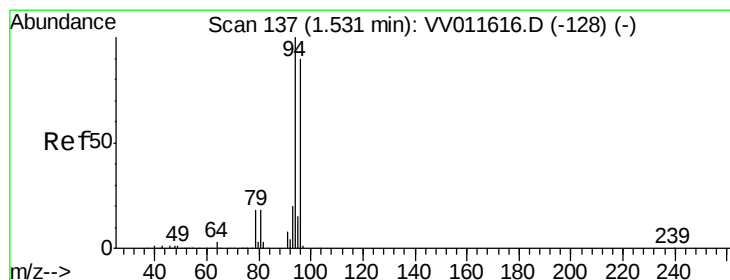
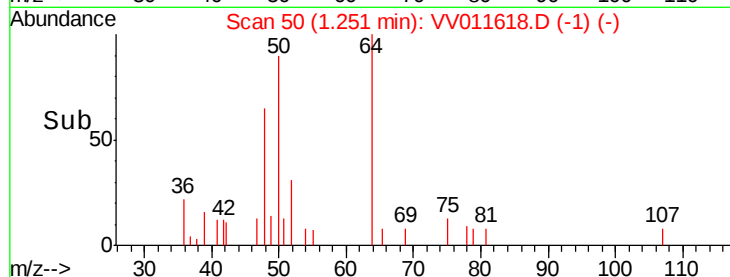
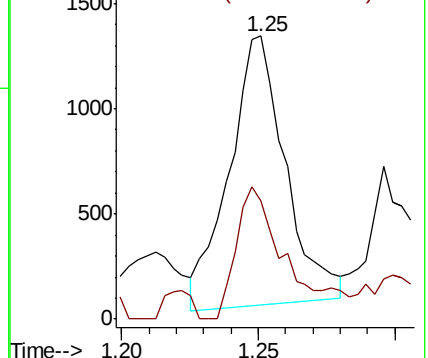
50 100

52 41.9 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.225 ug/L

RT: 1.52 min Scan# 134

Delta R.T. -0.01 min

Lab File: VV011618.D

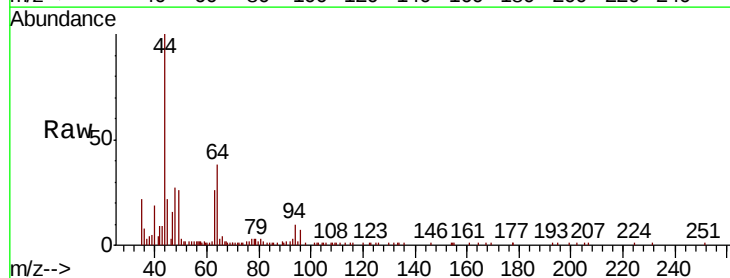
Acq: 19 Jun 2019 14:08

Tgt Ion: 94 Resp: 1485

Ion Ratio Lower Upper

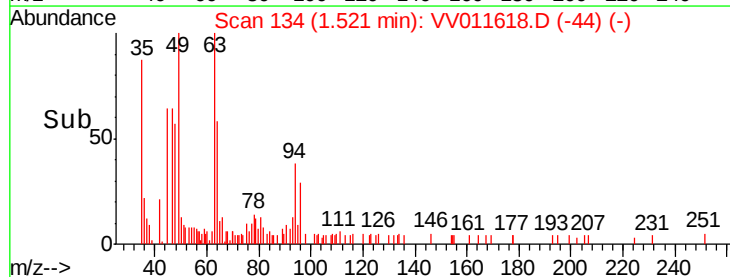
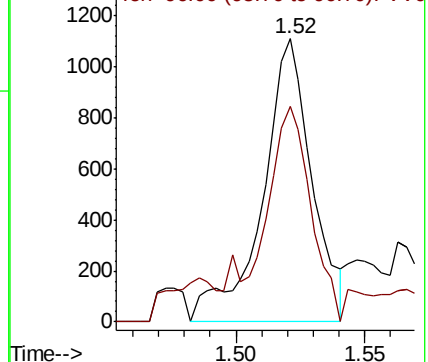
94 100

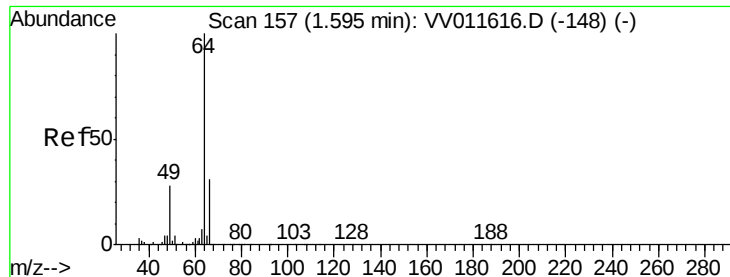
96 76.3 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.215 ug/L

RT: 1.58 min Scan# 152

Delta R.T. -0.02 min

Lab File: VV011618.D

Acq: 19 Jun 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

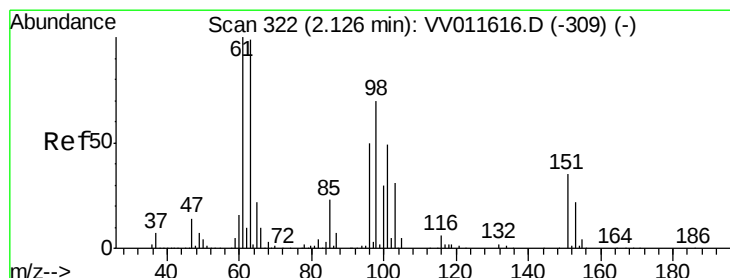
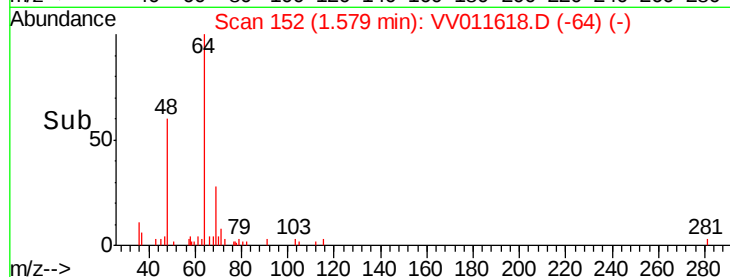
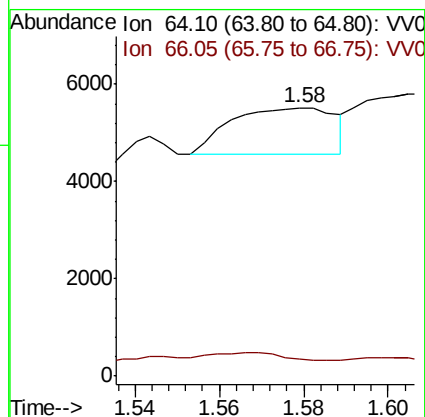
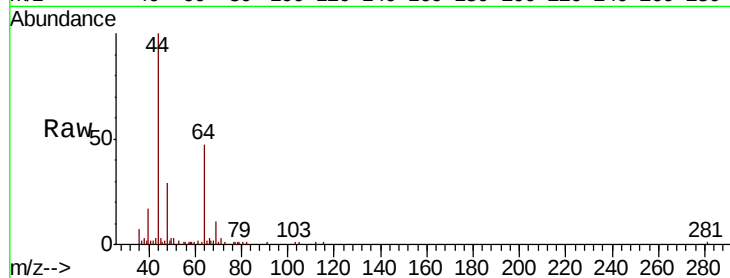
VHBLK01

Tgt Ion: 64 Resp: 1643

Ion Ratio Lower Upper

64 100

66 6.3 21.6 40.2#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.117 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011618.D

Acq: 19 Jun 2019 14:08

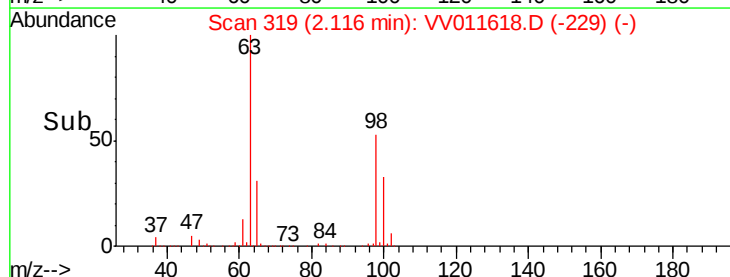
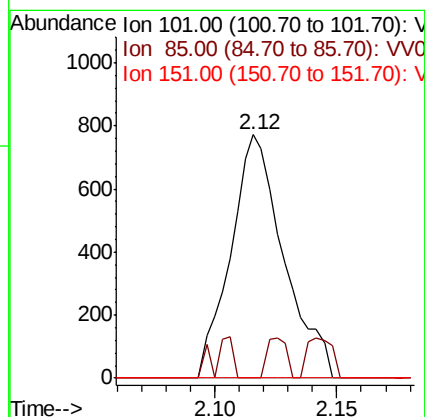
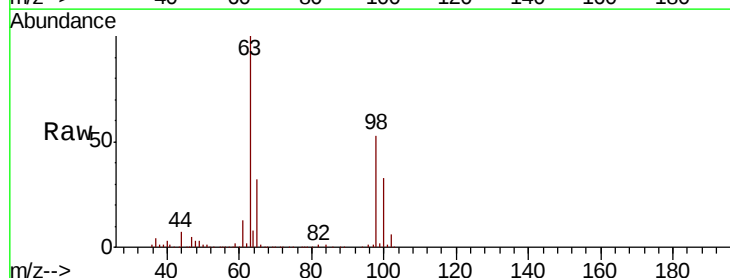
Tgt Ion: 101 Resp: 1161

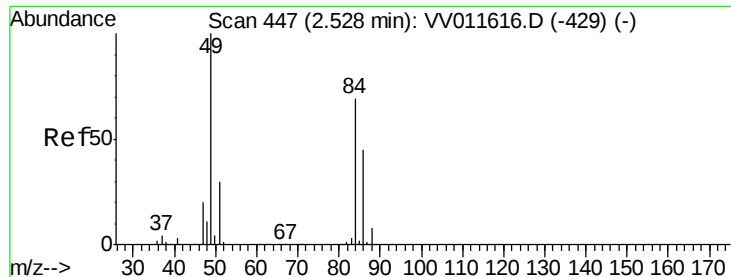
Ion Ratio Lower Upper

101 100

85 6.1 37.3 55.9#

151 0.0 59.4 89.2#

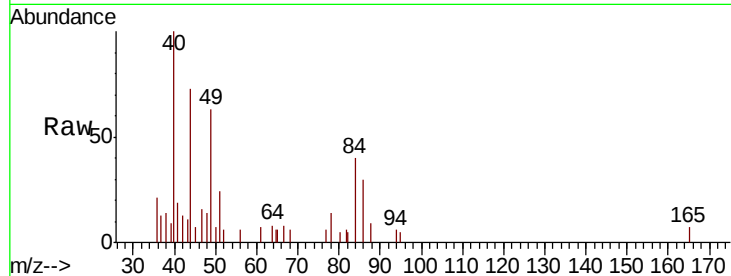




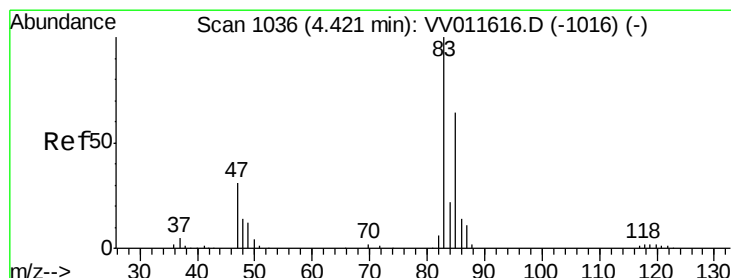
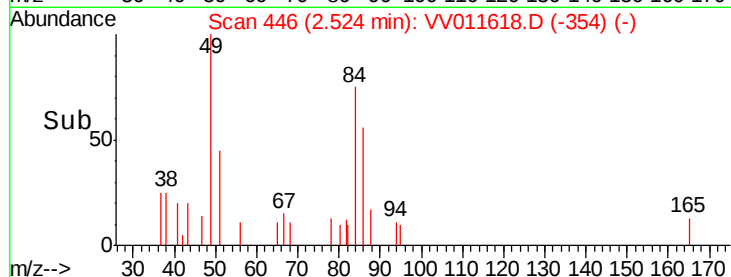
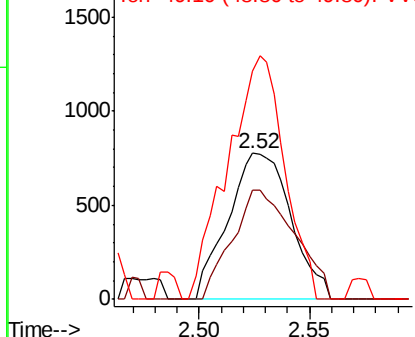
#16
Methylene chloride
Concen: 0.132 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011618.D
Acq: 19 Jun 2019 14:08

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1540
Ion Ratio Lower Upper
84 100
86 74.7 42.5 78.9
49 156.7 97.7 181.5

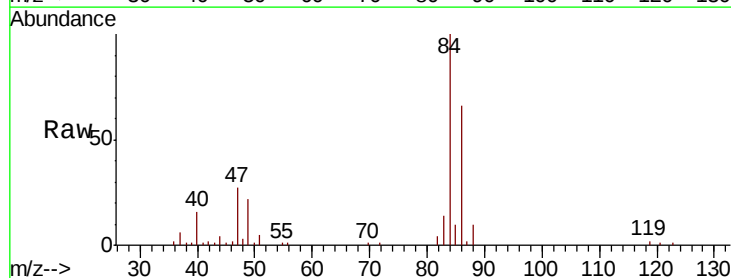


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

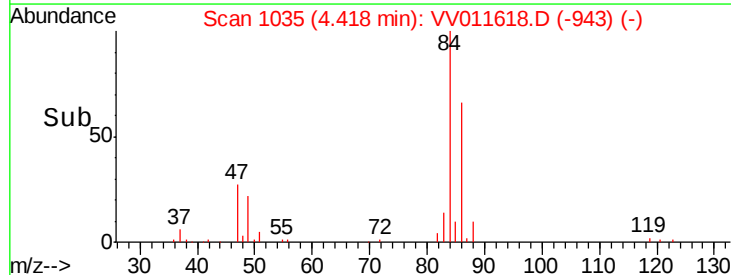
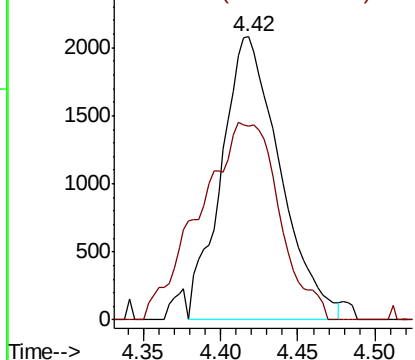


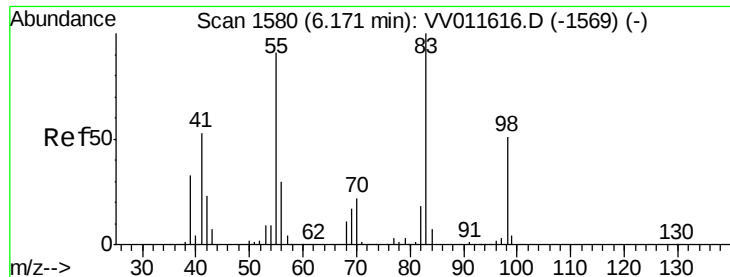
#25
Chloroform
Concen: 0.228 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011618.D
Acq: 19 Jun 2019 14:08

Tgt Ion: 83 Resp: 5497
Ion Ratio Lower Upper
83 100
85 68.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

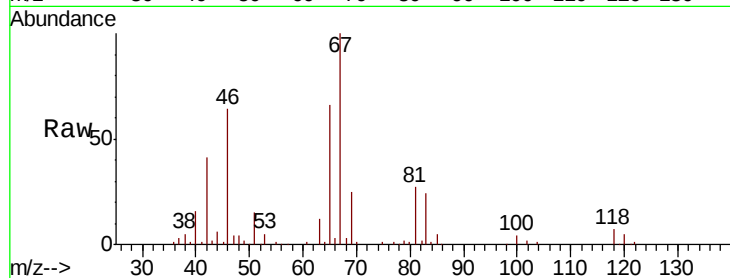




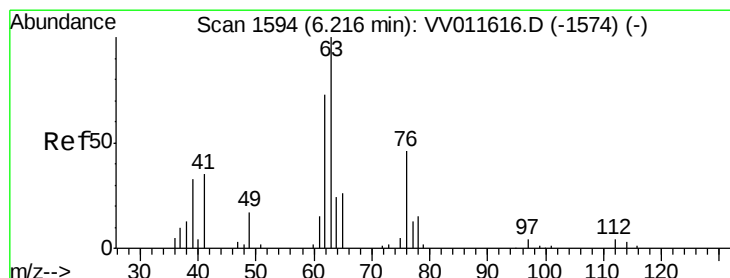
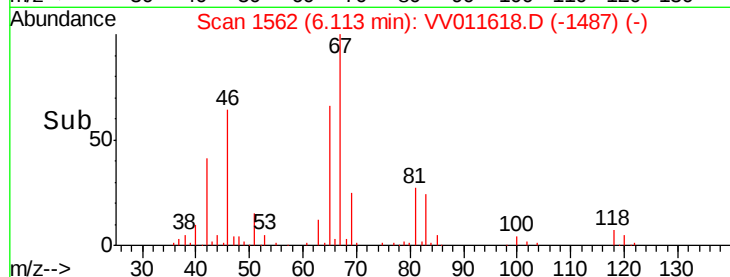
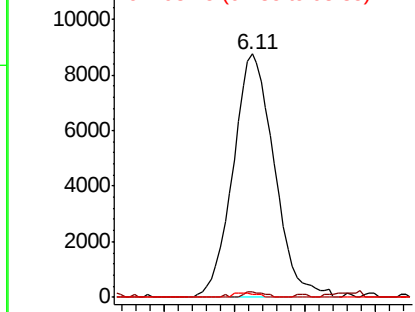
#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011618.D
Acq: 19 Jun 2019 14:08

Instrument :
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VHBLK01

Tgt Ion: 83 Resp: 17891
Ion Ratio Lower Upper
83 100
55 1.1 67.9 101.9#
98 0.0 39.6 59.4#

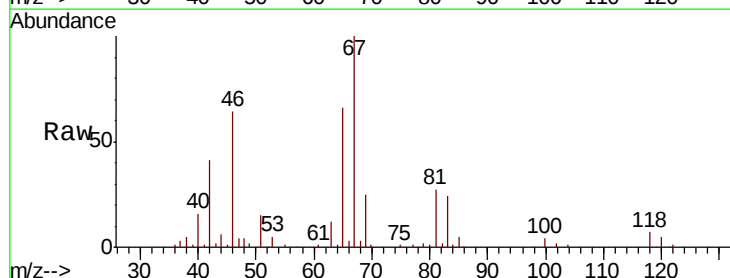


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

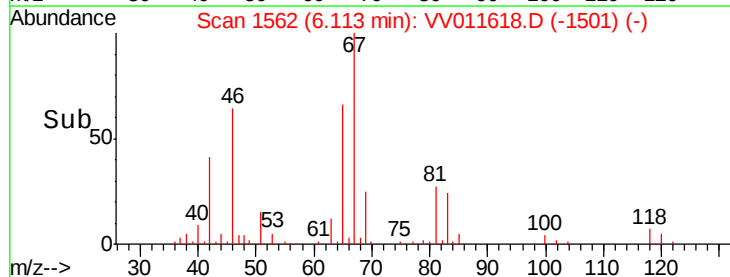
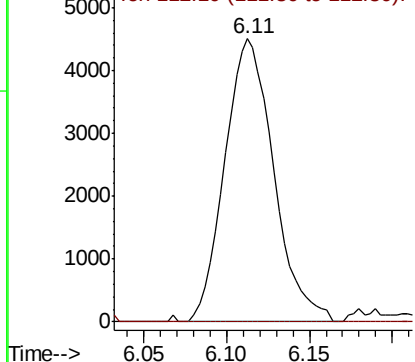


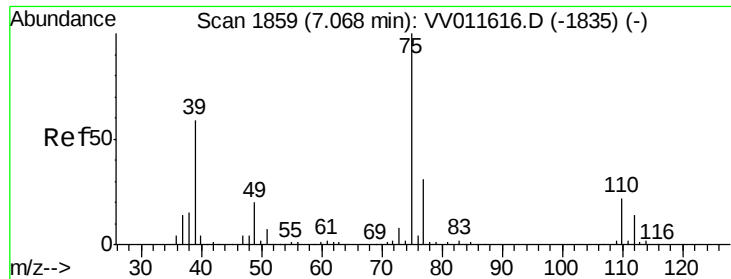
#37
1,2-Dichloropropane
Concen: 0.708 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011618.D
Acq: 19 Jun 2019 14:08

Tgt Ion: 63 Resp: 9244
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



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: 0.117 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011618.D

Acq: 19 Jun 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1916

Ion Ratio Lower Upper

75 100

77 48.4 20.6 38.4#

