

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080919\
 Data File : VV012152.D
 Acq On : 09 Aug 2019 14:03
 Operator : SY/MD
 Sample : K4184-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 10 02:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 10 02:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155116	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29191	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	22274	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	43980	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.96	46	73617	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	4.40	84	81158	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.08	65	41900	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.09	84	157988	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	43570	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	152357	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	19232	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	66428	42.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31974	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	65426	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

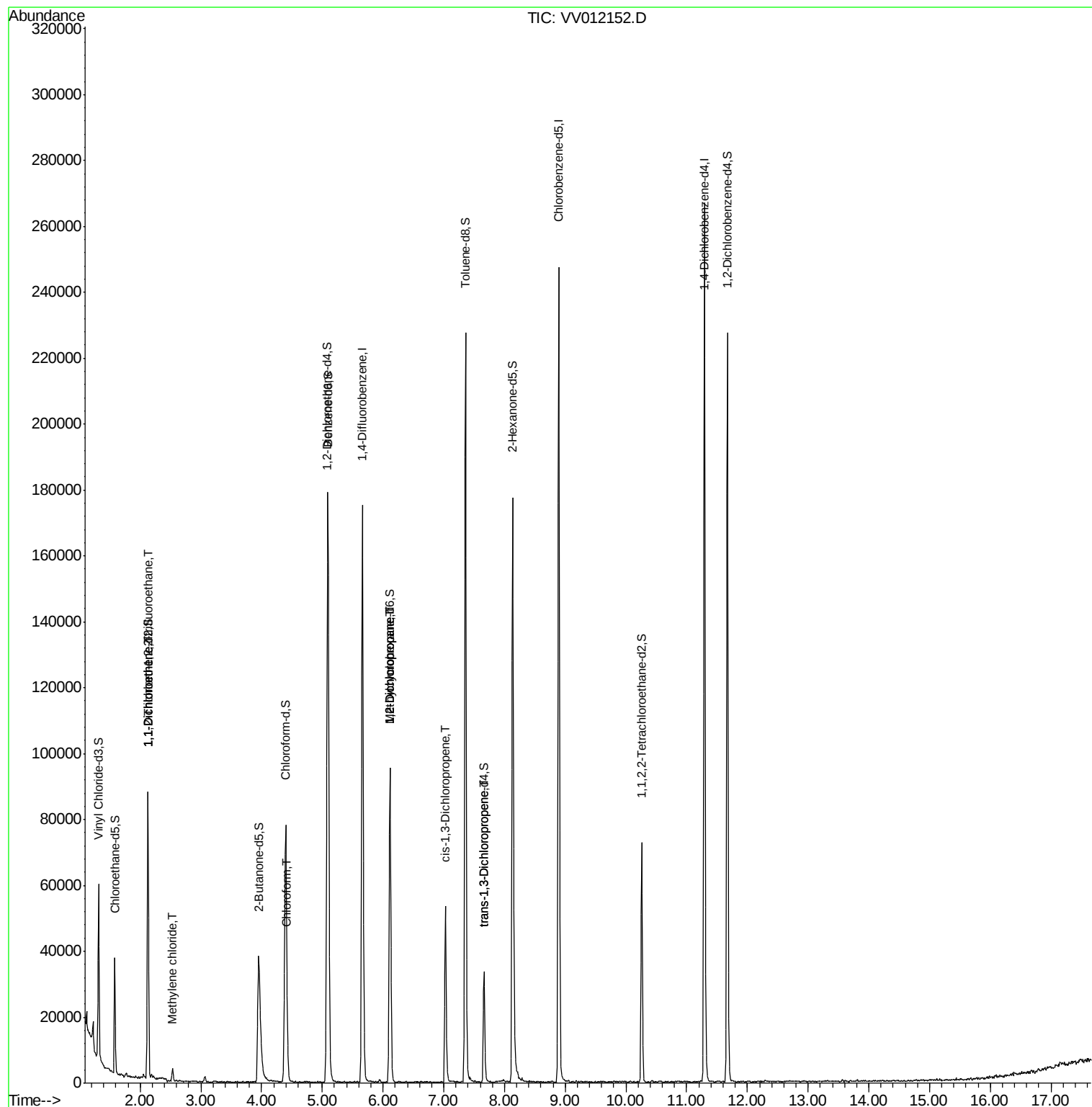
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	475	0.071 ug/L #	12
12) 1,1-Dichloroethene	2.13	96	452	0.073 ug/L #	1
16) Methylene chloride	2.53	84	1511	0.230 ug/L	87
25) Chloroform	4.43	83	2646	0.138 ug/L	85
35) Methylcyclohexane	6.12	83	11776	0.724 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5366	0.702 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1435	0.104 ug/L #	53
44) trans-1,3-Dichloropropene	7.67	75	582	0.052 ug/L #	66

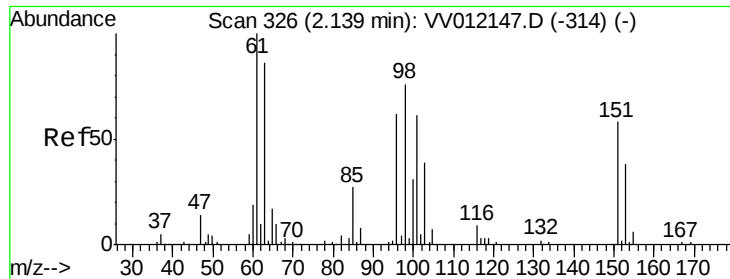
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV012152.D

Acq: 09 Aug 2019 14:03

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

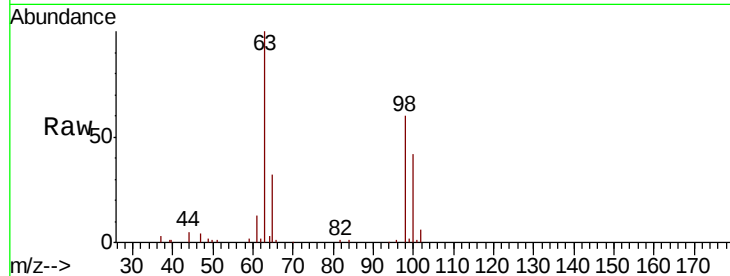
Tgt Ion: 101 Resp: 475

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 75.0 112.6#



Abundance Ion 101.00 (100.70 to 101.70): VV012152.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV012152.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV012152.D (-233) (-)

2.12

300

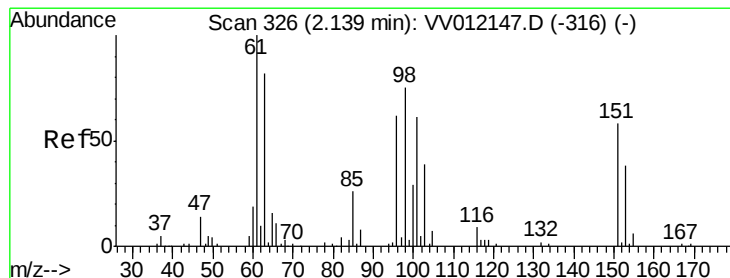
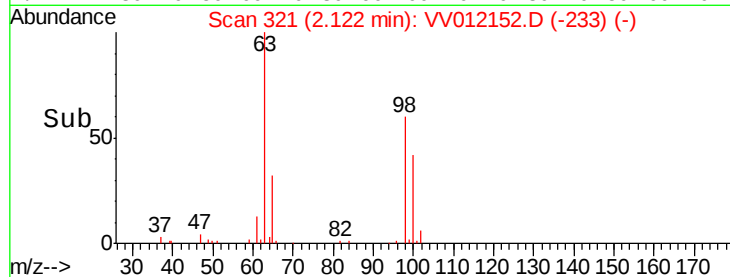
200

100

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012152.D

Acq: 09 Aug 2019 14:03

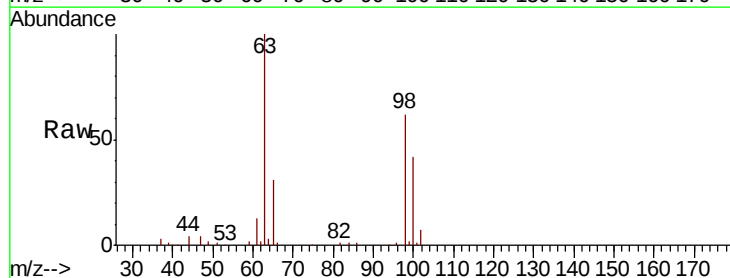
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 1095.6 114.7 213.1#

63 8355.8 94.9 176.3#



Abundance Ion 96.00 (95.70 to 96.70): VV012152.D (-233) (-)

Ion 61.05 (60.75 to 61.75): VV012152.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV012152.D (-233) (-)

40000

30000

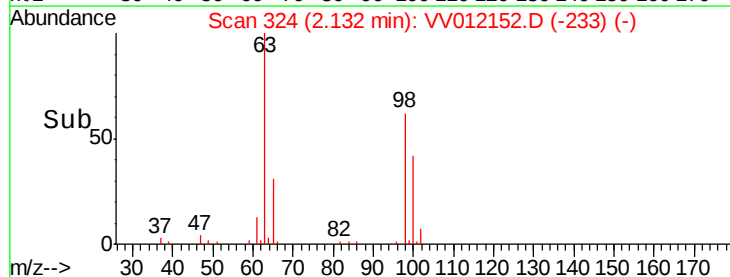
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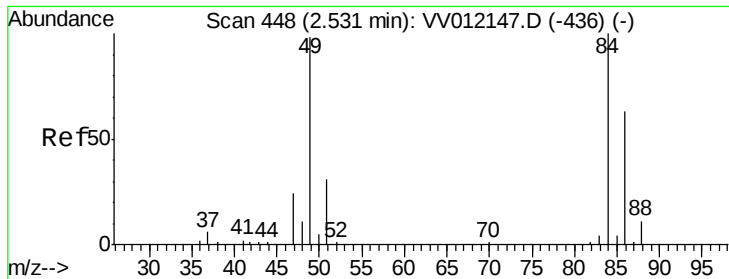
10000

0

2.10 2.12 2.14 2.16

Time-->

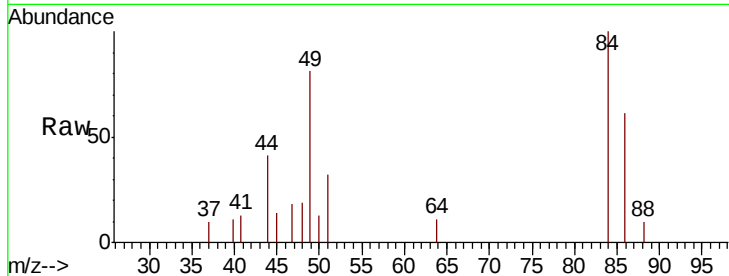




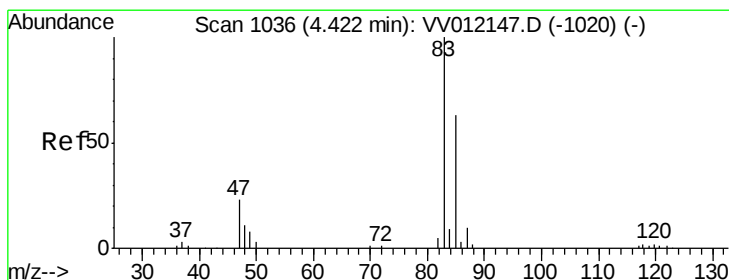
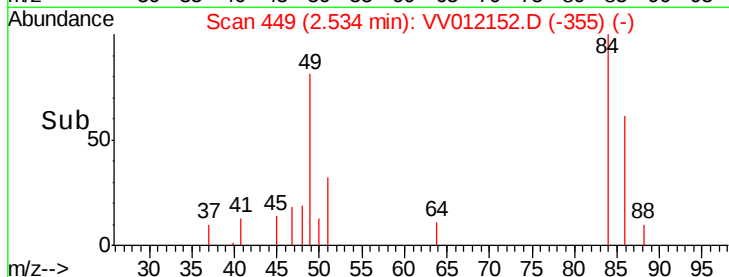
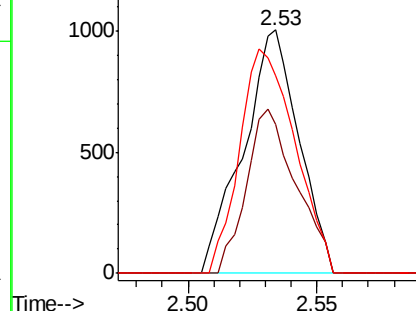
#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012152.D
Acq: 09 Aug 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
86 61.3 45.4 84.2
49 81.0 69.2 128.4

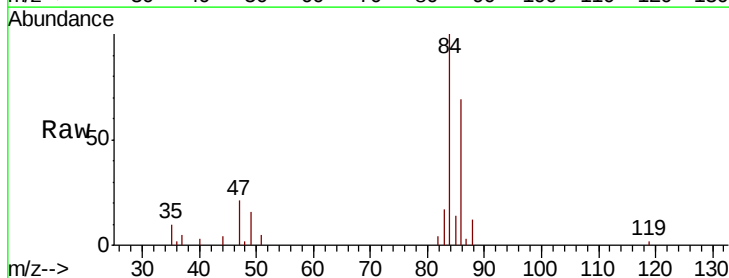


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

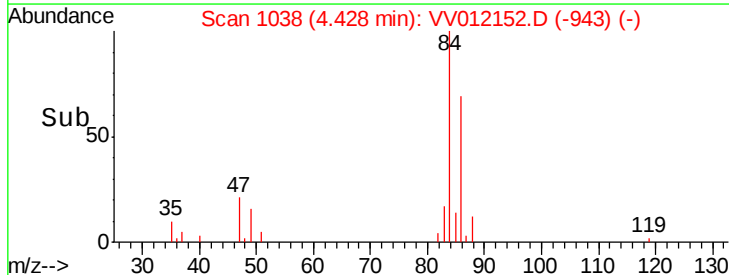
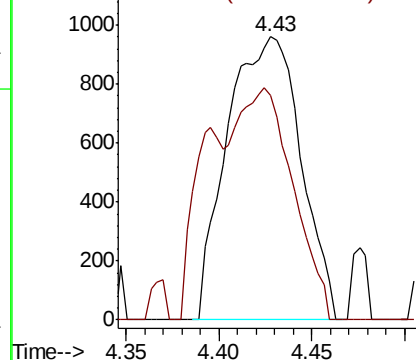


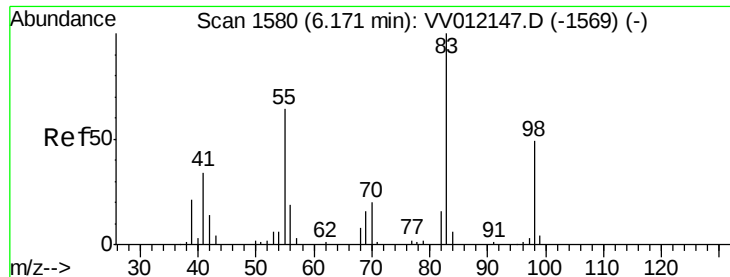
#25
Chloroform
Concen: 0.138 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012152.D
Acq: 09 Aug 2019 14:03

Tgt Ion: 83 Resp: 2646
Ion Ratio Lower Upper
83 100
85 79.5 47.1 87.5



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

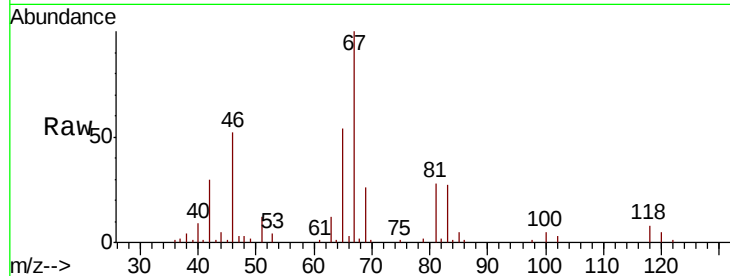




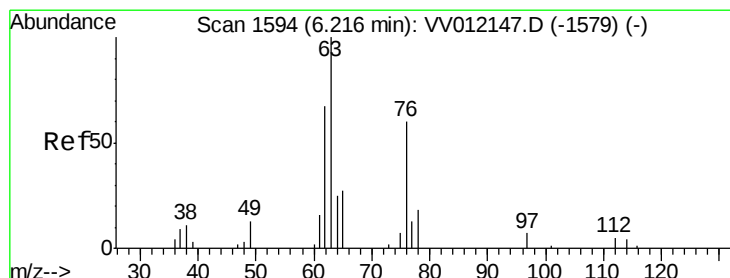
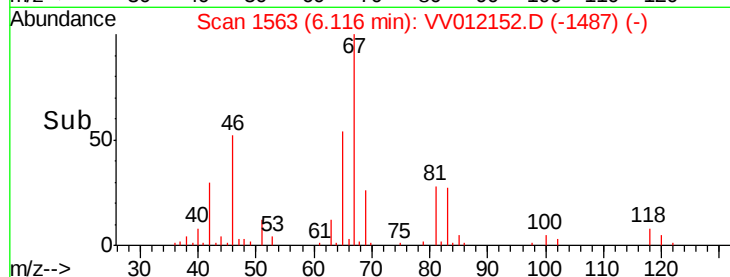
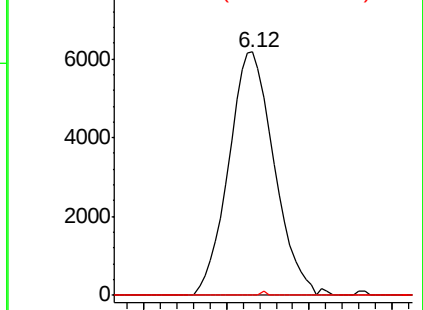
#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012152.D
Acq: 09 Aug 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11776
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.6#
98 0.2 40.4 60.6#

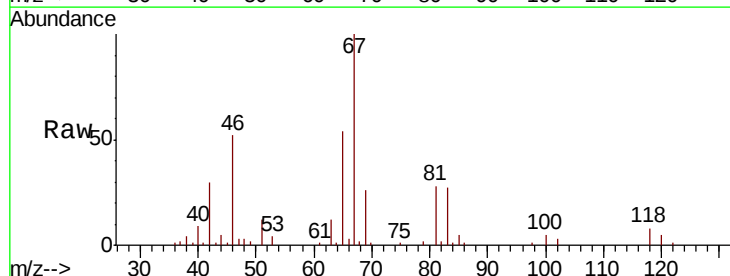


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

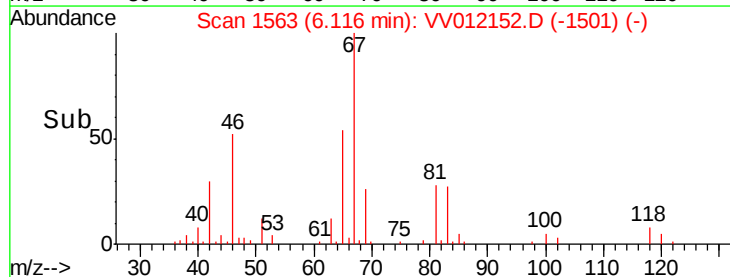
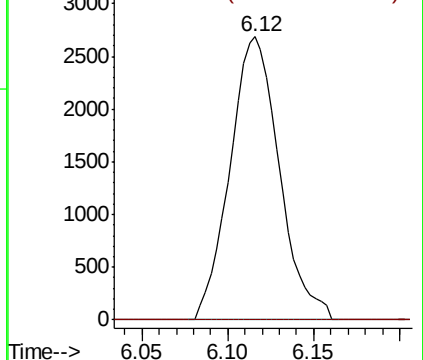


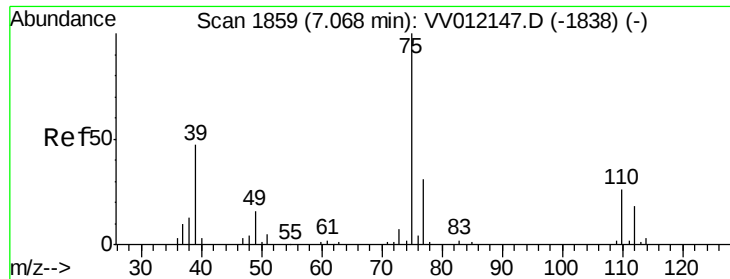
#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012152.D
Acq: 09 Aug 2019 14:03

Tgt Ion: 63 Resp: 5366
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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

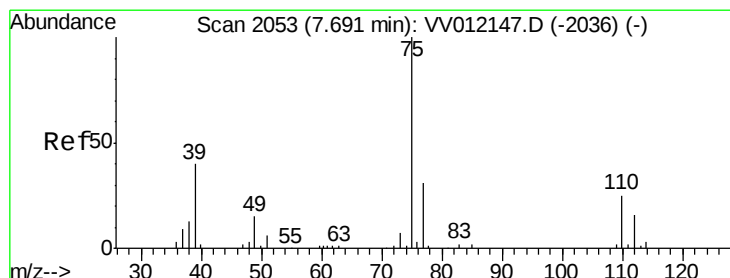
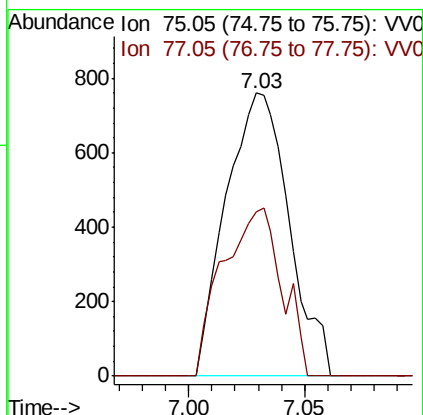
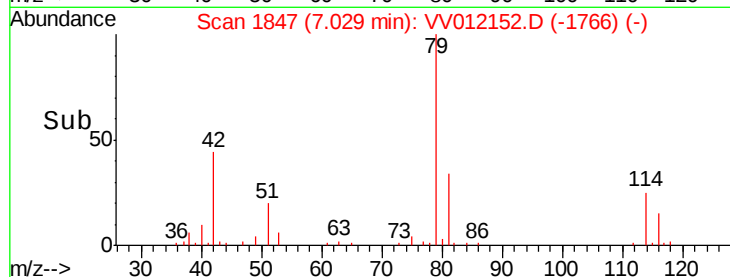
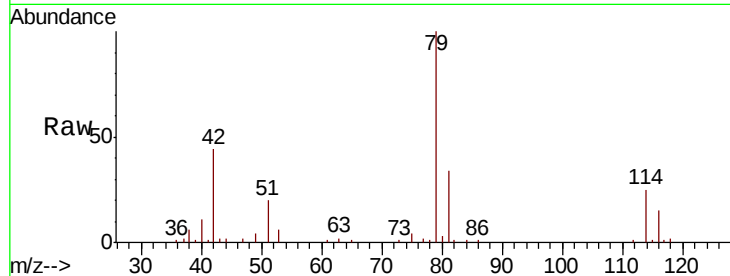




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012152.D
 Acq: 09 Aug 2019 14:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 1435
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012152.D
 Acq: 09 Aug 2019 14:03

Tgt Ion: 75 Resp: 582
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.0 41.0#

