

Data File : VV011476.D
Acq On : 13 Jun 2019 23:24
Operator : SY/MD
Sample : VV0612WBL05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Quant Time: Jun 14 06:09:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120895	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	108256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42045	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	36981	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	71204	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	121189	58.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.52%
24) Chloroform-d	4.40	84	87504	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.08	65	51693	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.10	84	172381	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.12	67	54750	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.36	98	144250	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	14668	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.14	63	95740	59.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36357	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	43403	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

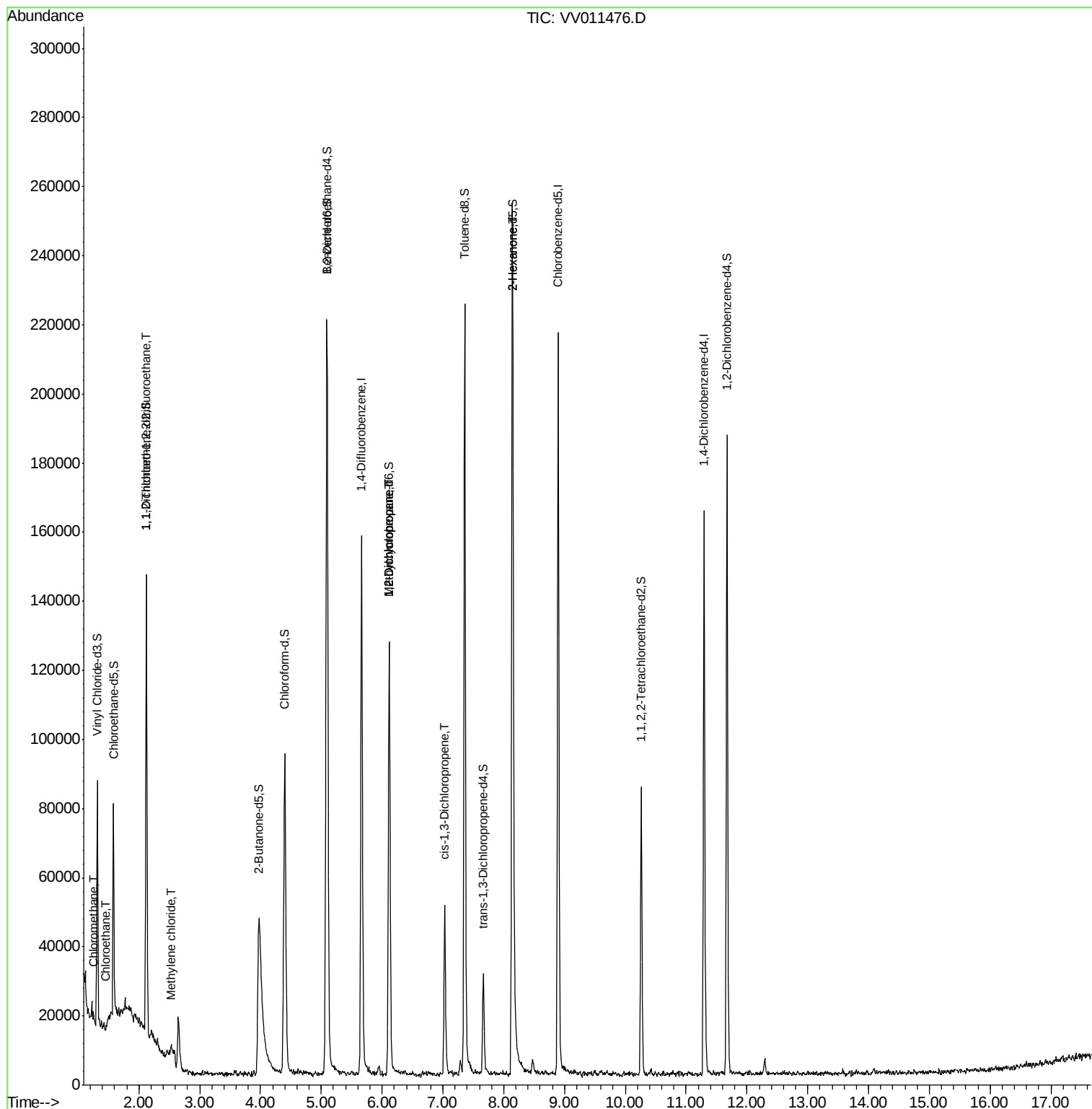
					Qvalue	
3) Chloromethane	1.25	50	1328	0.115	ug/L	89
8) Chloroethane	1.45	64	591	0.083	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	678	0.087	ug/L #	29
16) Methylene chloride	2.53	84	979	0.125	ug/L #	73
35) Methylcyclohexane	6.12	83	13396	0.910	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7037	0.821	ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	1421	0.113	ug/L #	50
48) 2-Hexanone	8.14	43	13868	3.642	ug/L #	70

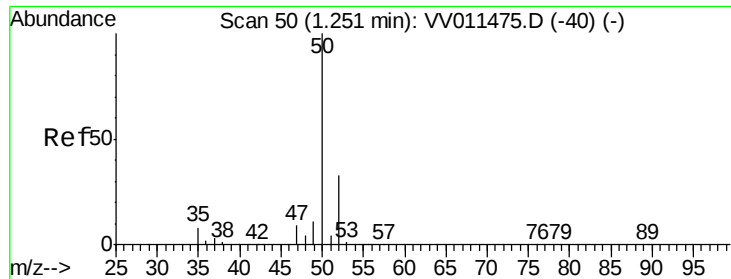
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011476.D

Acq: 13 Jun 2019 23:24

Instrument :

MSVOA_V

ClientSampled :

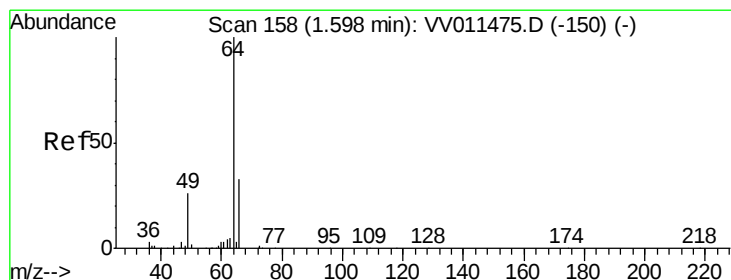
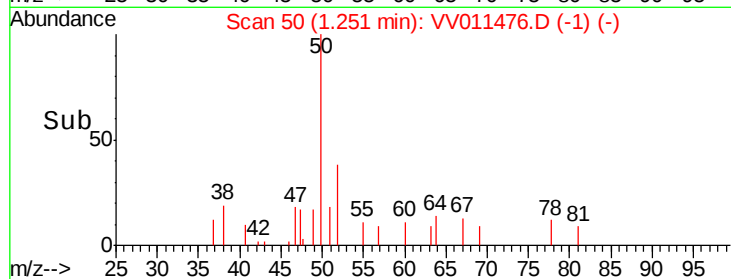
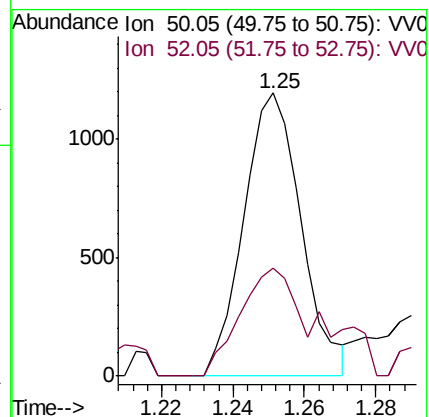
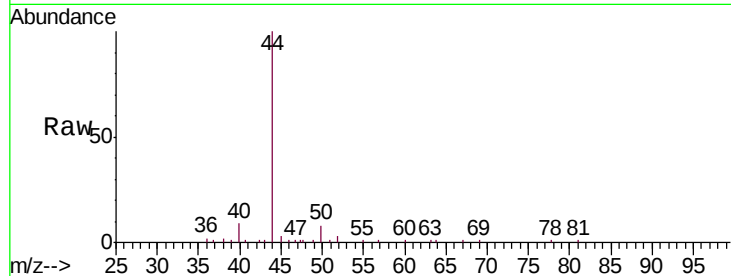
VBLK60

Tgt Ion: 50 Resp: 1328

Ion Ratio Lower Upper

50 100

52 38.2 22.3 41.5



#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.45 min Scan# 111

Delta R.T. -0.15 min

Lab File: VV011476.D

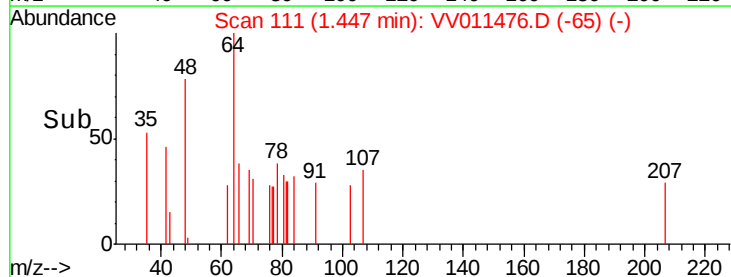
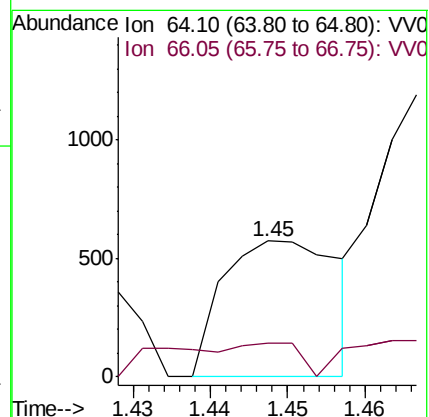
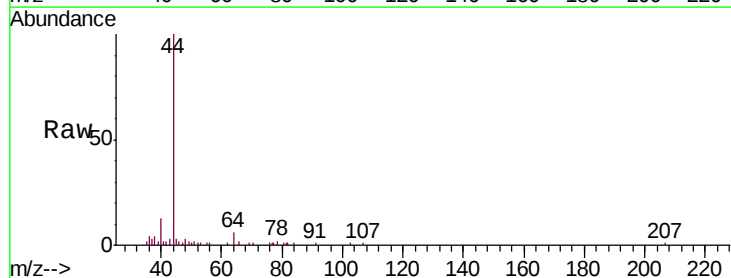
Acq: 13 Jun 2019 23:24

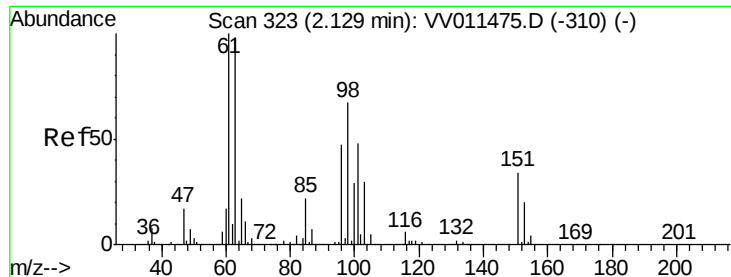
Tgt Ion: 64 Resp: 591

Ion Ratio Lower Upper

64 100

66 24.8 19.4 36.0





#10

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

Concen: 0.087 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011476.D

Acq: 13 Jun 2019 23:24

Instrument :

MSVOA_V

ClientSampled :

VBLK60

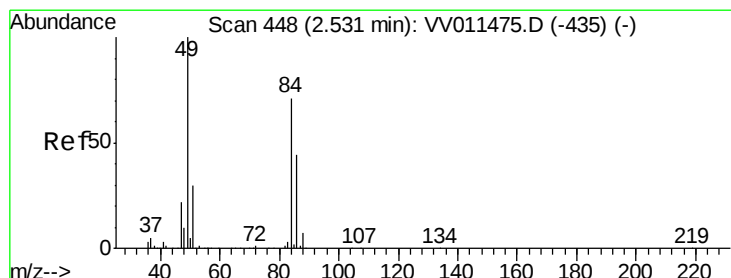
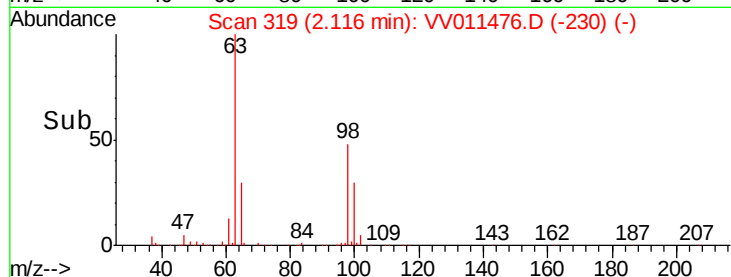
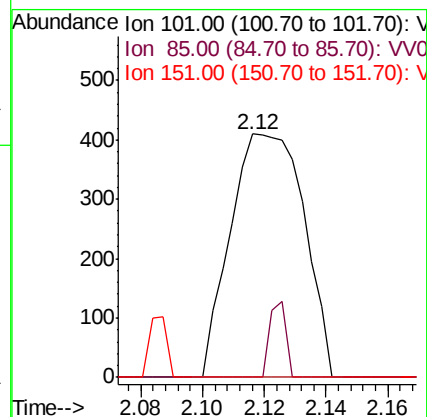
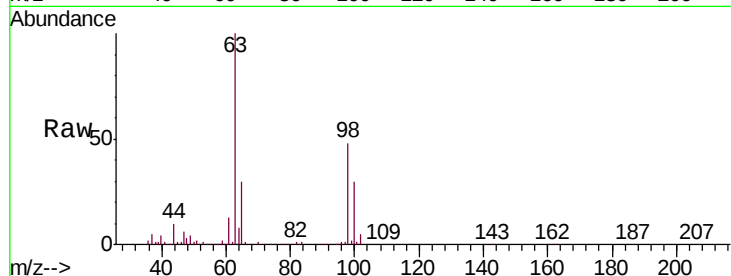
Tgt Ion: 101 Resp: 678

Ion Ratio Lower Upper

101 100

85 6.9 35.5 53.3#

151 5.8 56.9 85.3#



#16

Methylene chloride

Concen: 0.125 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011476.D

Acq: 13 Jun 2019 23:24

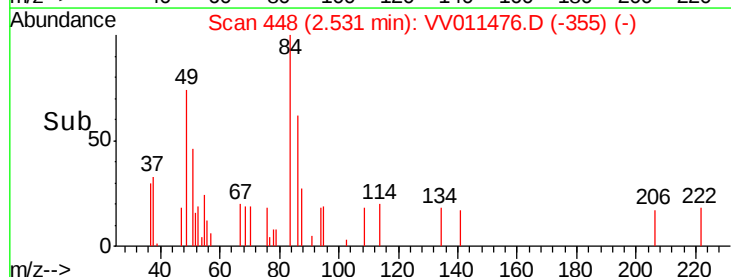
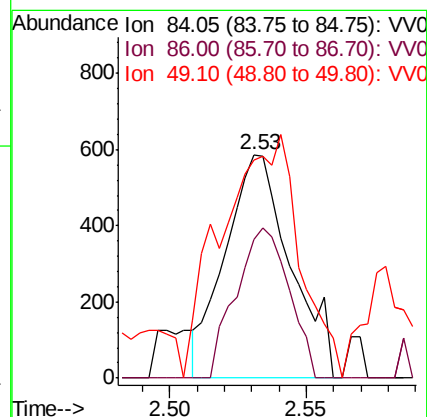
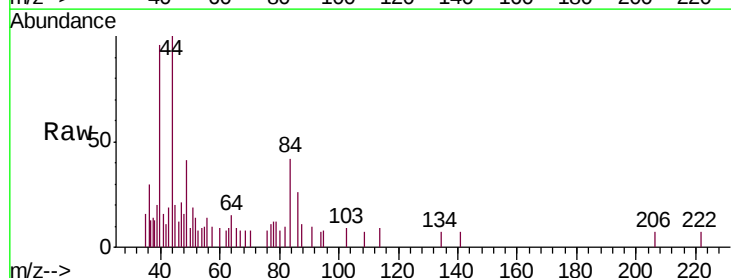
Tgt Ion: 84 Resp: 979

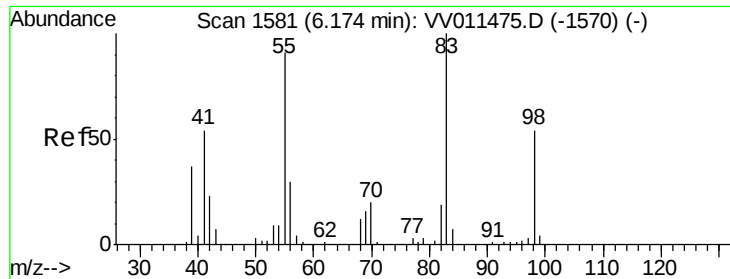
Ion Ratio Lower Upper

84 100

86 61.9 44.9 83.3

49 98.0 102.1 189.5#

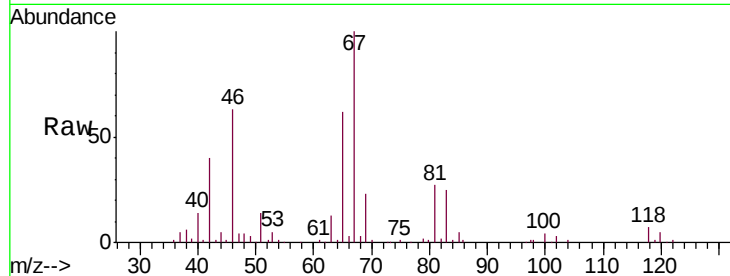




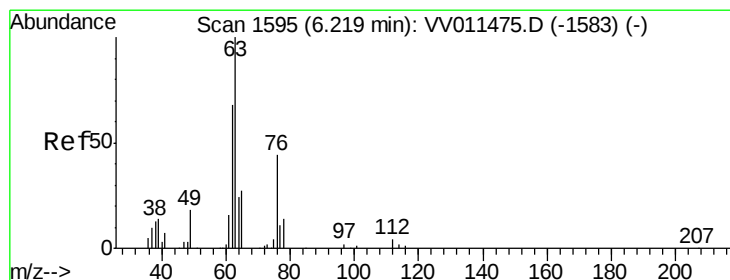
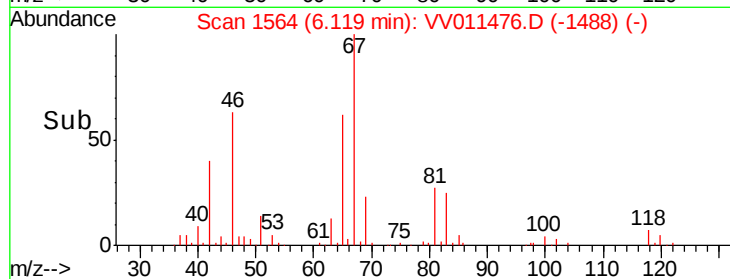
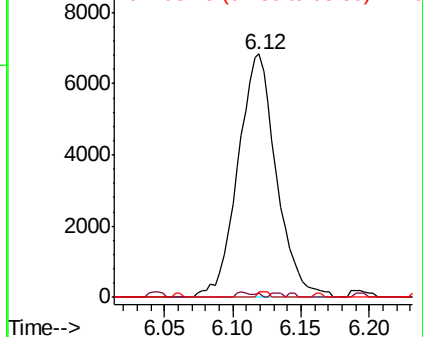
#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011476.D
Acq: 13 Jun 2019 23:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Tgt Ion: 83 Resp: 13396
Ion Ratio Lower Upper
83 100
55 0.5 67.0 100.6#
98 0.7 40.0 60.0#

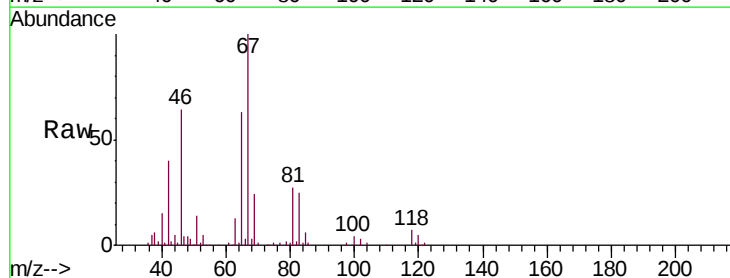


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

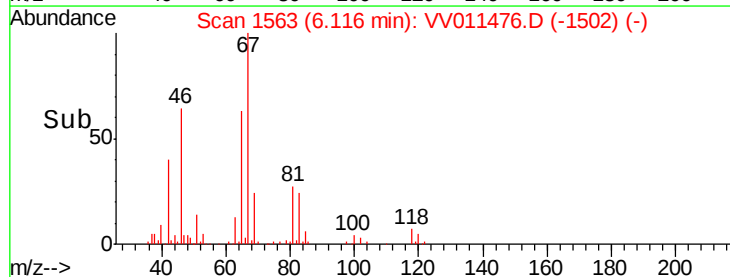
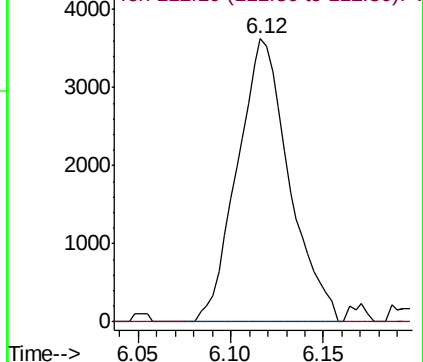


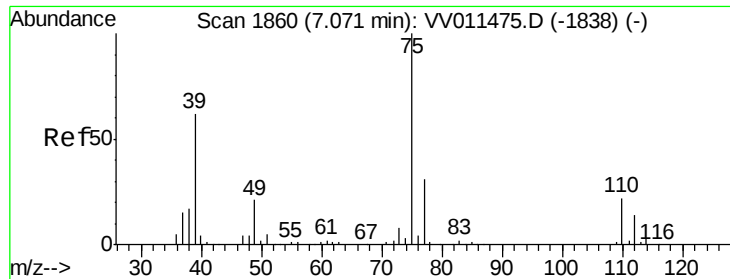
#37
1,2-Dichloropropane
Concen: 0.821 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011476.D
Acq: 13 Jun 2019 23:24

Tgt Ion: 63 Resp: 7037
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



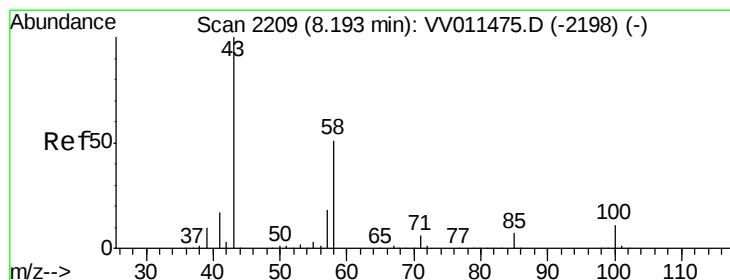
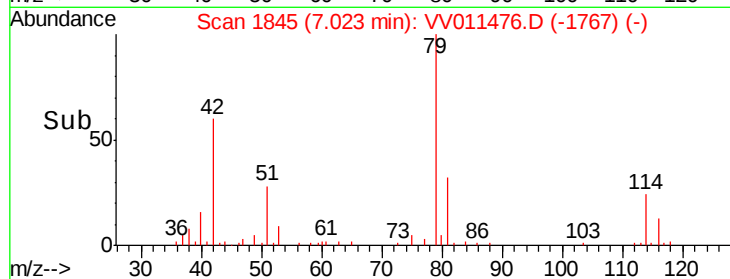
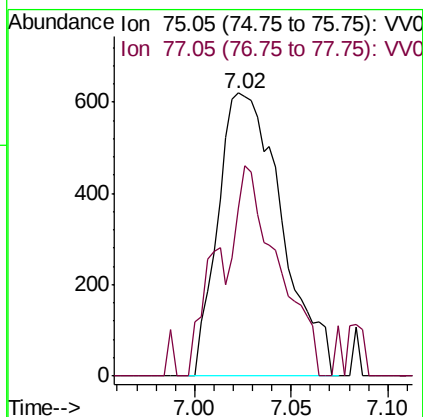
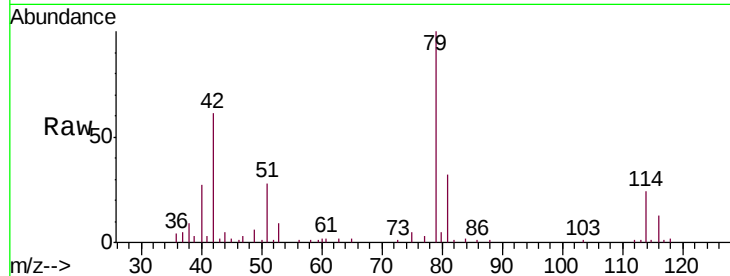


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011476.D
Acq: 13 Jun 2019 23:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
77 59.2 22.2 41.2#



#48

2-Hexanone
Concen: 3.642 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011476.D
Acq: 13 Jun 2019 23:24

Tgt Ion: 43 Resp: 13868
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.0#
57 24.2 15.0 22.4#
100 1.3 9.0 13.4#

