

Data File : VV011585.D
Acq On : 18 Jun 2019 19:54
Operator : SY/MD
Sample : K3289-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 19 02:13:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156935	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55300	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52314	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	39590	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.12	63	83848	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.97	46	188167	56.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.88%
24) Chloroform-d	4.40	84	113731	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	68985	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	226695	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	73422	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.36	98	187413	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	21154	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	141729	54.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52159	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	62116	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

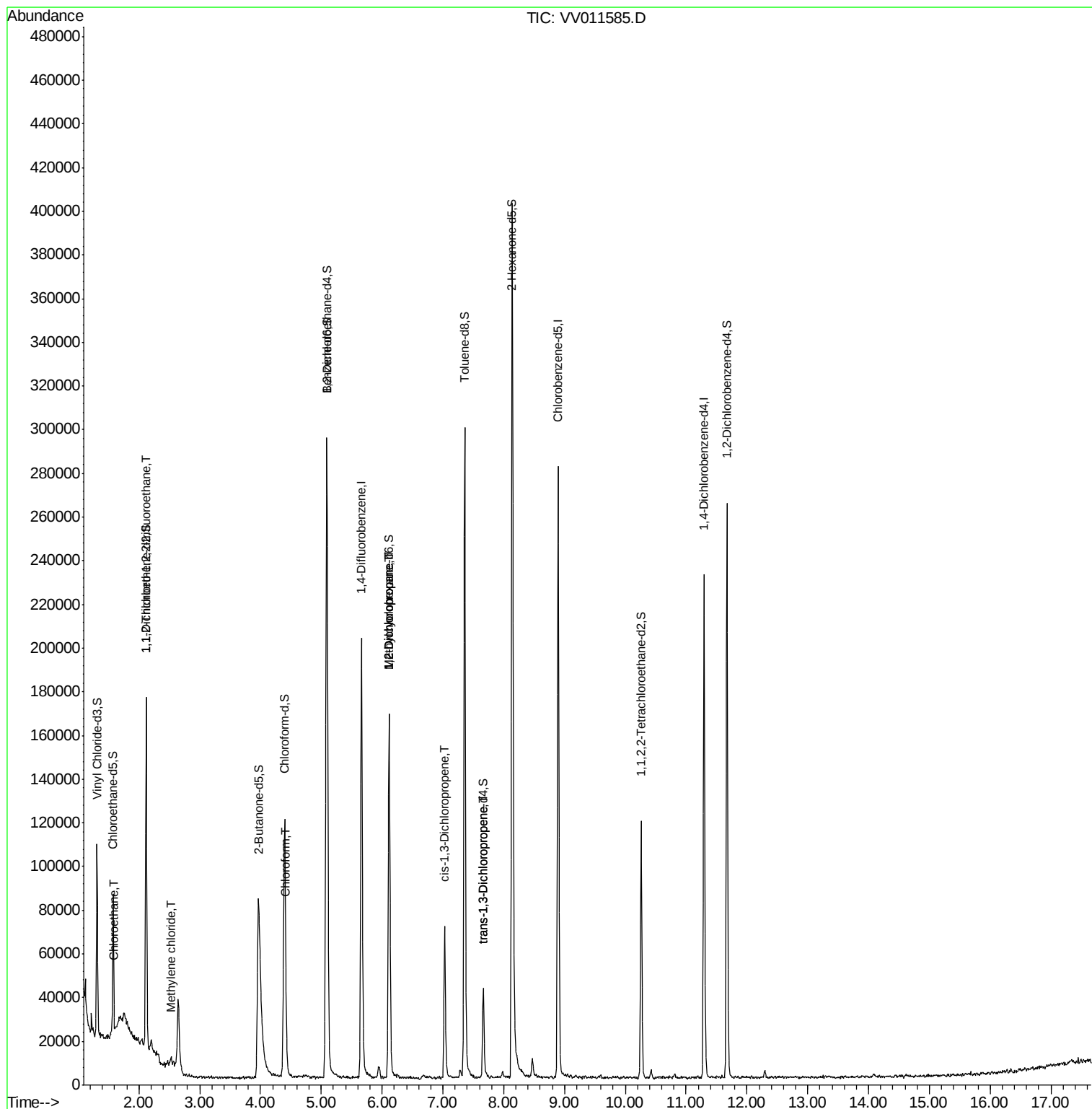
					Qvalue	
8) Chloroethane	1.60	64	943	0.130	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	801	0.085	ug/L #	21
16) Methylene chloride	2.53	84	1246	0.112	ug/L	95
25) Chloroform	4.42	83	2884	0.126	ug/L	95
35) Methylcyclohexane	6.12	83	17642	1.033	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9176	0.734	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2090	0.133	ug/L #	54
44) trans-1,3-Dichloropropene	7.66	75	1093	0.091	ug/L	88

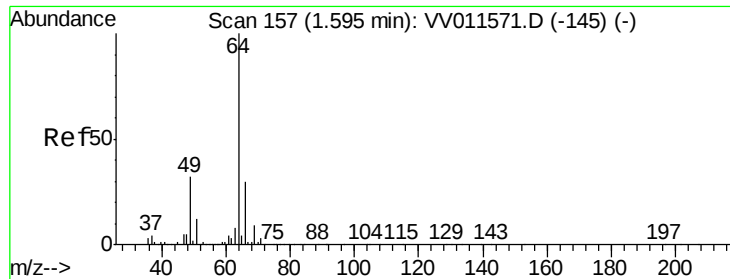
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.130 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

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Acq: 18 Jun 2019 19:54

Instrument :

MSVOA_V

ClientSampleId :

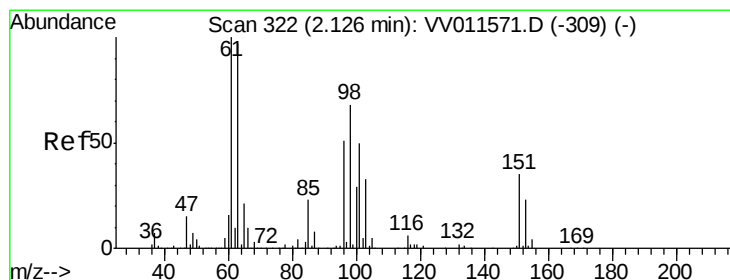
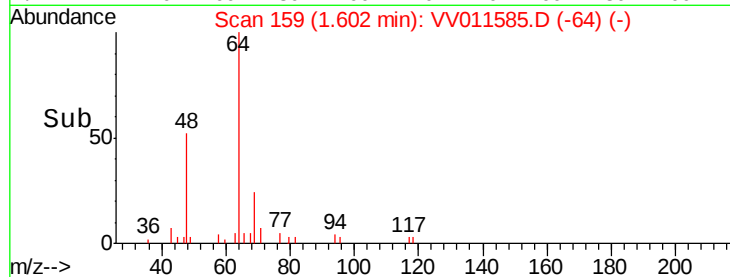
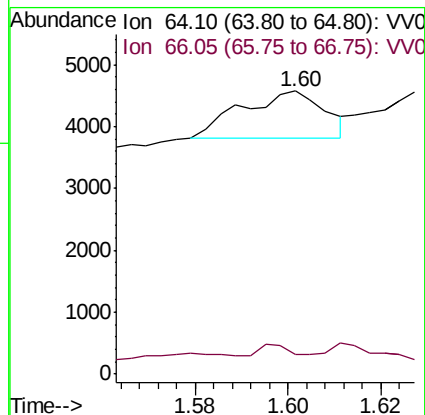
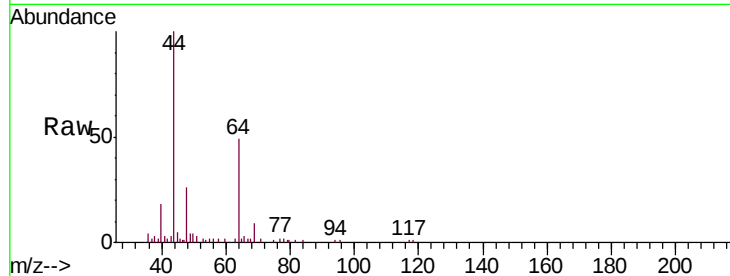
VHBLK01

Tgt Ion: 64 Resp: 943

Ion Ratio Lower Upper

64 100

66 6.8 21.6 40.2#



#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

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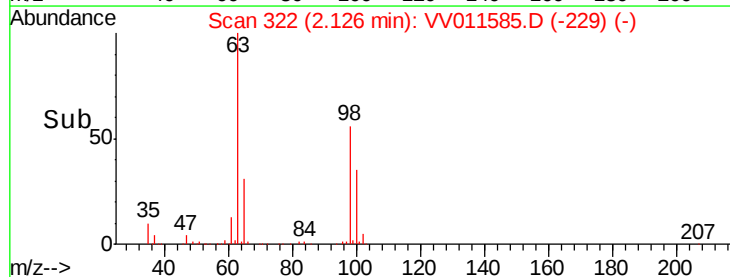
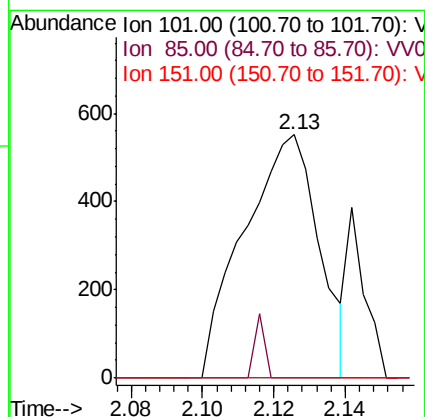
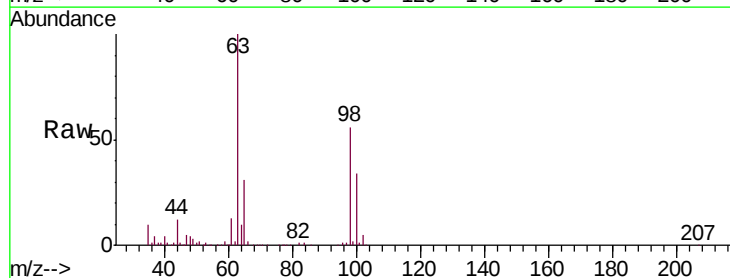
Tgt Ion: 101 Resp: 801

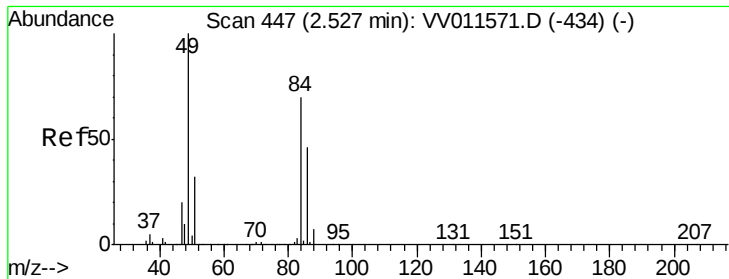
Ion Ratio Lower Upper

101 100

85 3.5 37.3 55.9#

151 0.0 59.4 89.2#

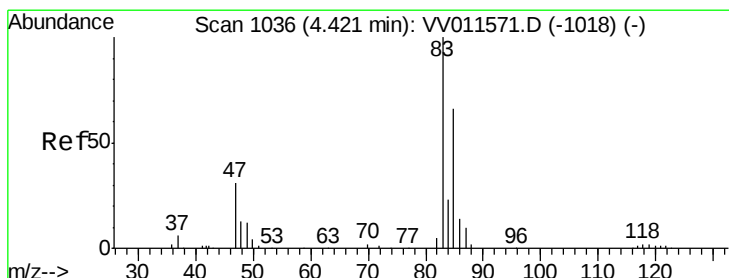
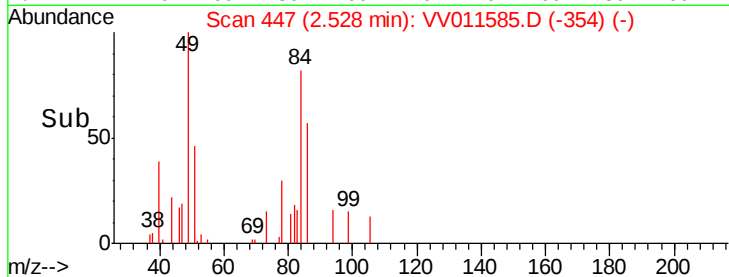
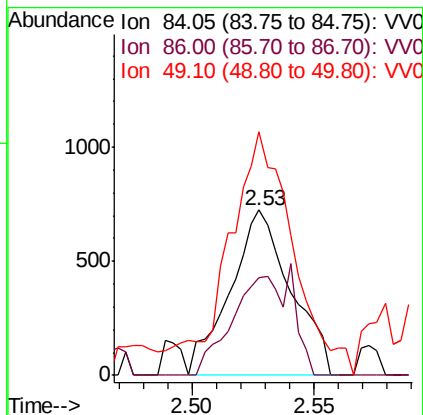
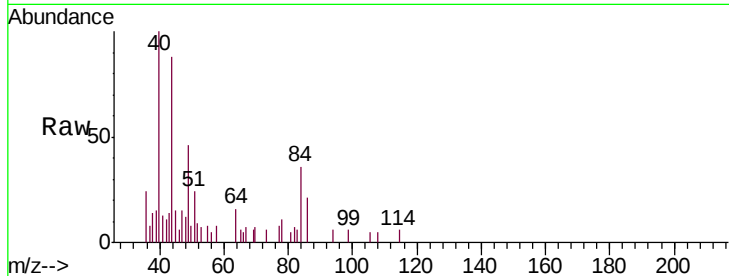




#16
Methylene chloride
Concen: 0.112 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011585.D
Acq: 18 Jun 2019 19:54

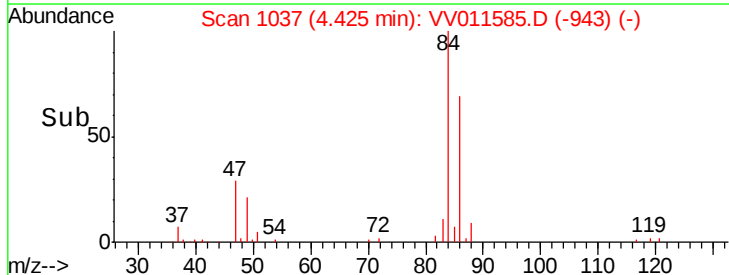
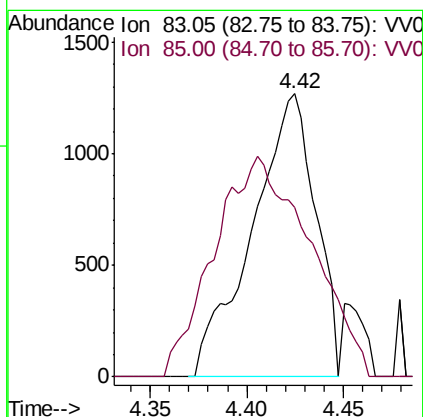
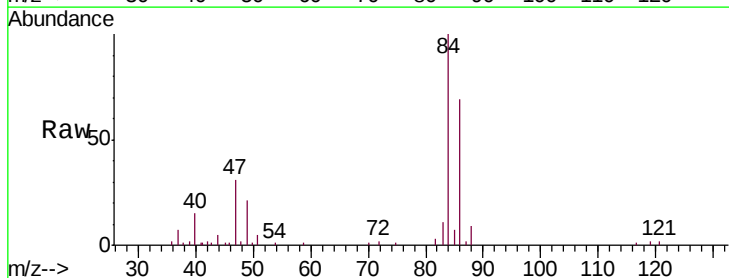
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

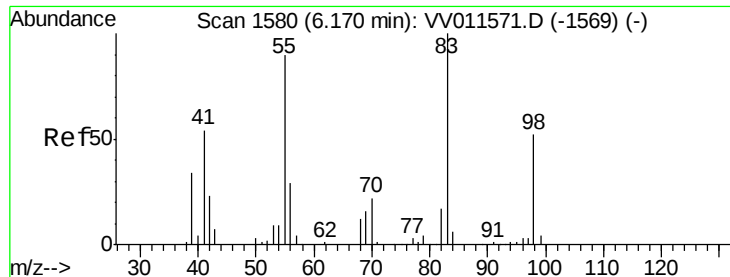
Tgt Ion: 84 Resp: 1246
Ion Ratio Lower Upper
84 100
86 59.1 42.5 78.9
49 147.6 97.7 181.5



#25
Chloroform
Concen: 0.126 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011585.D
Acq: 18 Jun 2019 19:54

Tgt Ion: 83 Resp: 2884
Ion Ratio Lower Upper
83 100
85 59.9 44.6 82.8

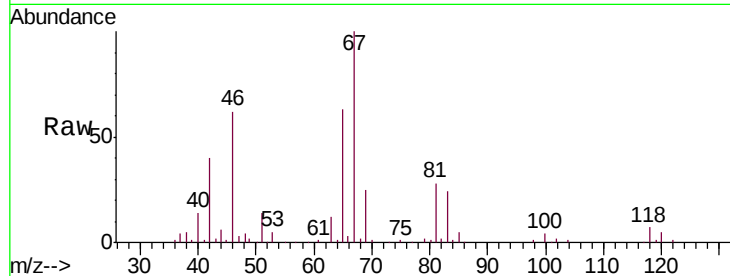




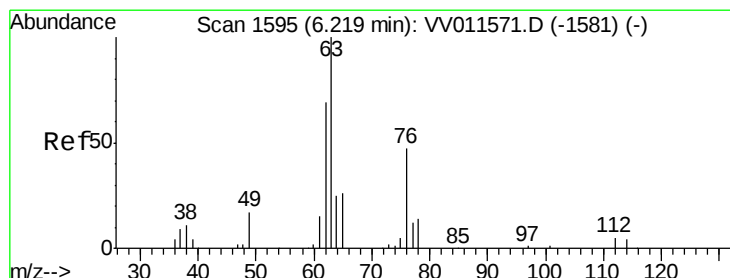
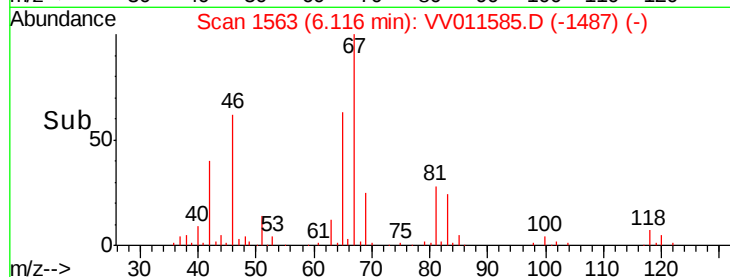
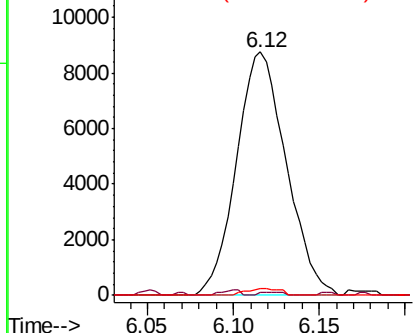
#35
Methylcyclohexane
Concen: 1.033 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011585.D
Acq: 18 Jun 2019 19:54

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 17642
Ion Ratio Lower Upper
83 100
55 0.6 67.9 101.9#
98 1.9 39.6 59.4#

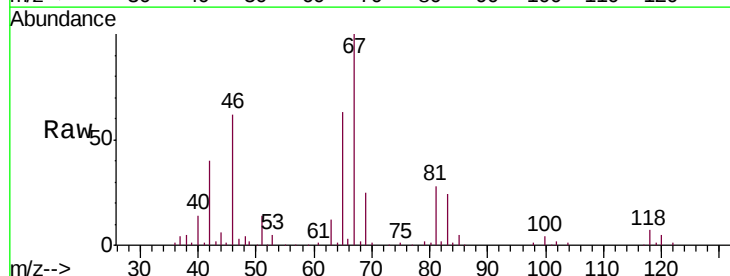


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

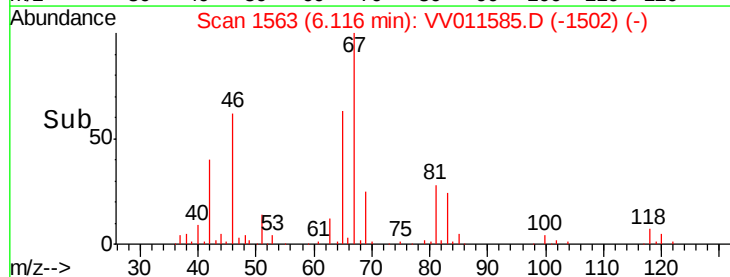
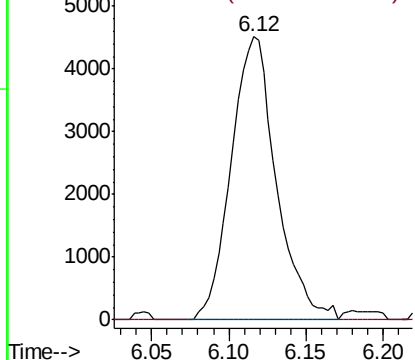


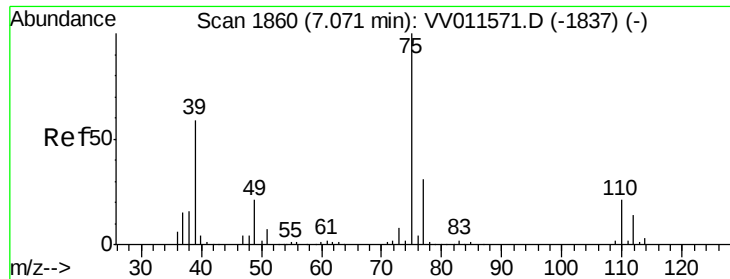
#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011585.D
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Tgt Ion: 63 Resp: 9176
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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



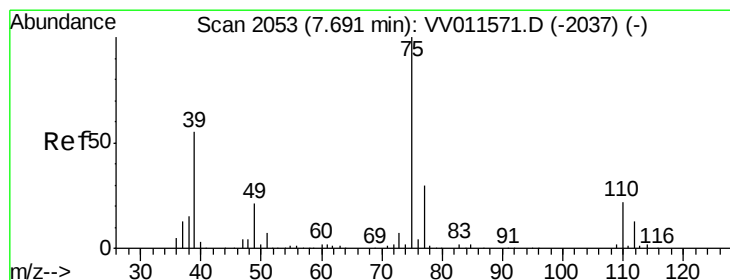
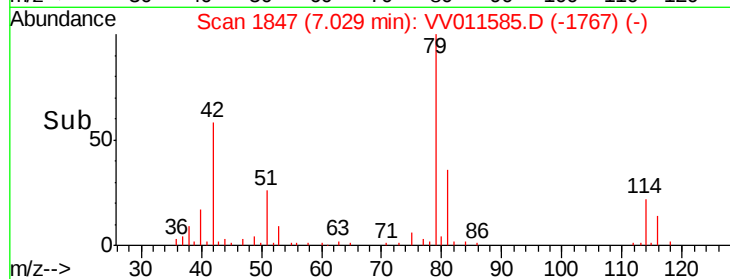
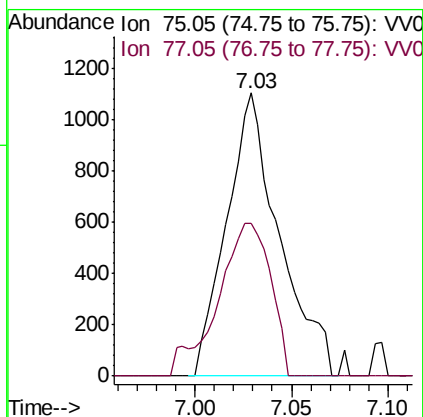
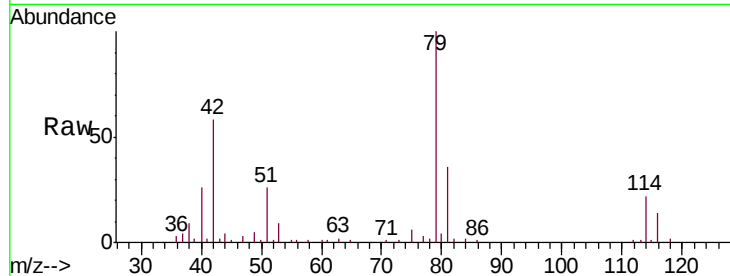


#39

cis-1,3-Dichloropropene
Concen: 0.133 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011585.D
Acq: 18 Jun 2019 19:54

Instrument :
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ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2090
Ion Ratio Lower Upper
75 100
77 54.0 20.6 38.4#



#44

trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011585.D
Acq: 18 Jun 2019 19:54

Tgt Ion: 75 Resp: 1093
Ion Ratio Lower Upper
75 100
77 39.5 22.8 42.4

