

Data File : VV011574.D
Acq On : 18 Jun 2019 14:42
Operator : SY/MD
Sample : K3365-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 19 02:12:03 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	157048	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140248	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53776	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.56	69	37659	5.01	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.12	63	82925	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.94	46	162325	48.65	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.30%
24) Chloroform-d	4.40	84	110473	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	65984	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	224973	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	69670	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	187402	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.66	79	19959	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	122094	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45500	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	62914	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

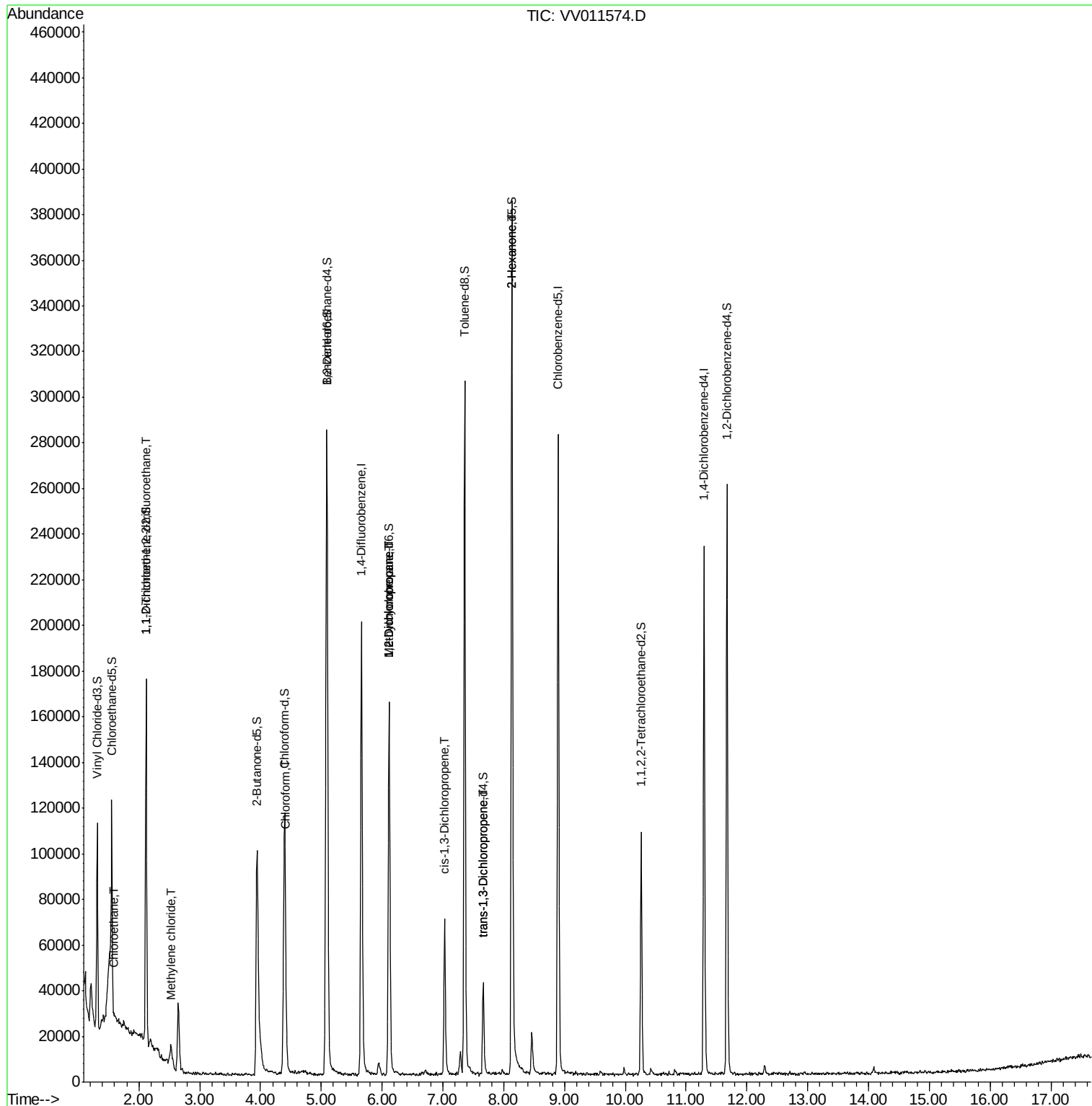
						Qvalue
8) Chloroethane	1.59	64	3585	0.494	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	878	0.093	ug/L #	22
16) Methylene chloride	2.53	84	2252	0.203	ug/L	94
25) Chloroform	4.42	83	4799	0.209	ug/L	92
35) Methylcyclohexane	6.12	83	17084	1.026	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8804	0.722	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2109	0.137	ug/L #	40
44) trans-1,3-Dichloropropene	7.67	75	1099	0.094	ug/L #	70
48) 2-Hexanone	8.14	43	17538	2.870	ug/L #	70

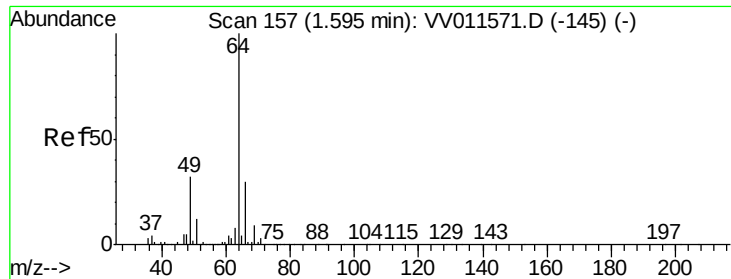
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#8

Chloroethane

Concen: 0.494 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV011574.D

Acq: 18 Jun 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

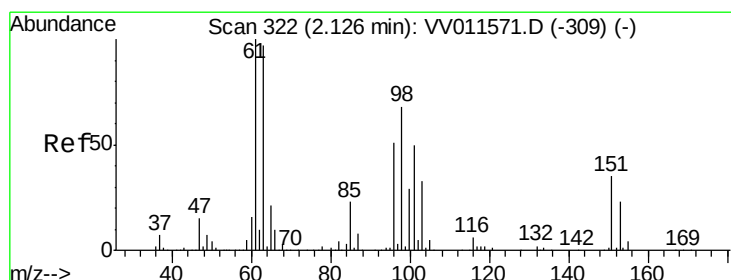
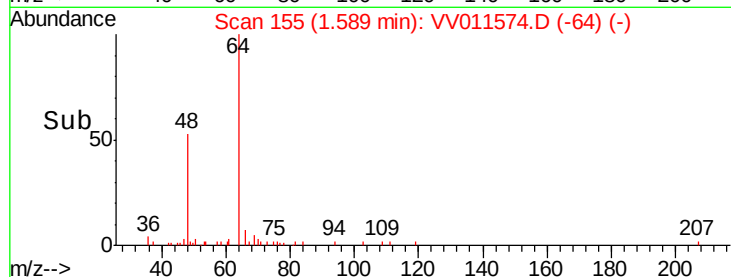
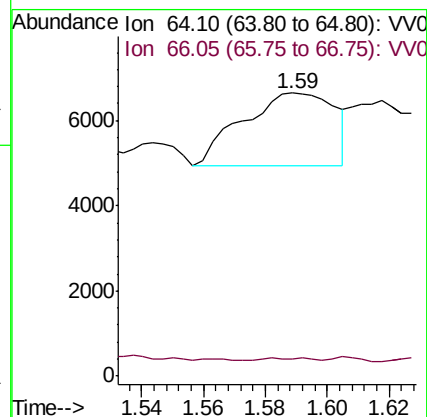
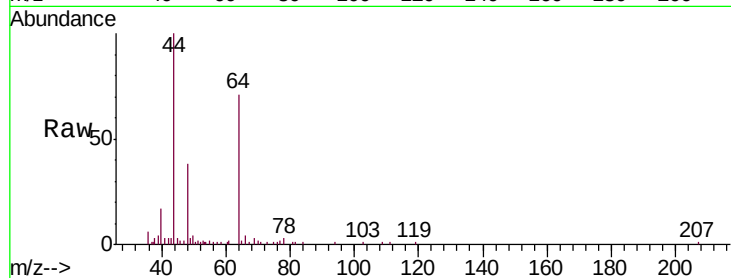
VHBLK01

Tgt Ion: 64 Resp: 3585

Ion Ratio Lower Upper

64 100

66 6.0 21.6 40.2#



#10

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

Concen: 0.093 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011574.D

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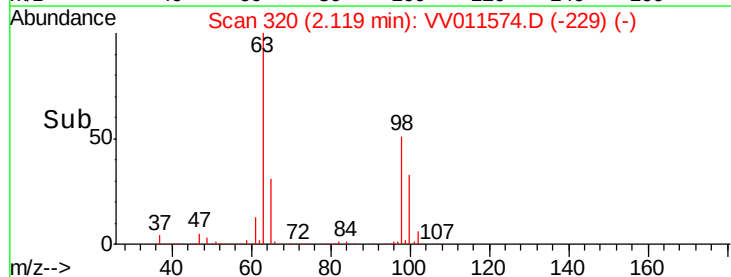
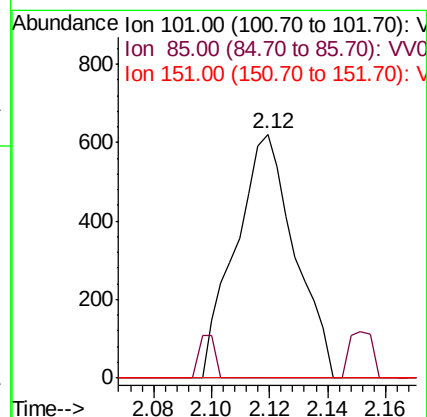
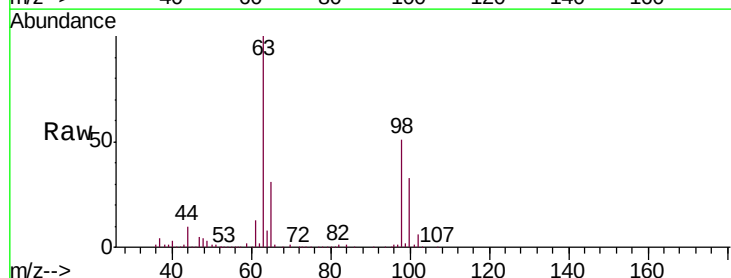
Tgt Ion: 101 Resp: 878

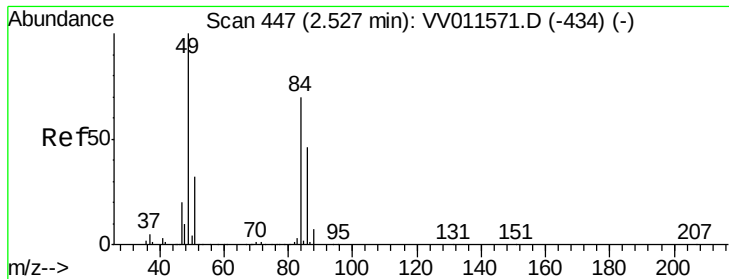
Ion Ratio Lower Upper

101 100

85 4.7 37.3 55.9#

151 0.0 59.4 89.2#

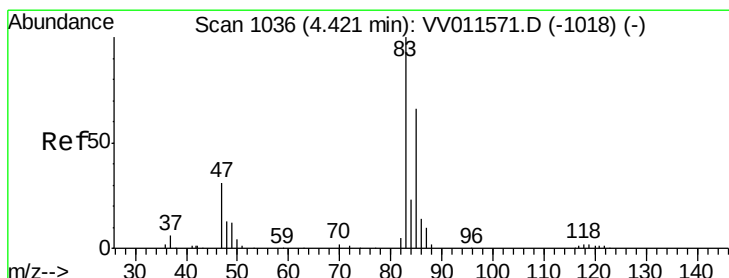
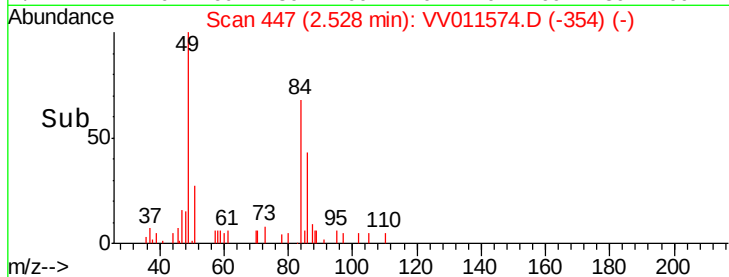
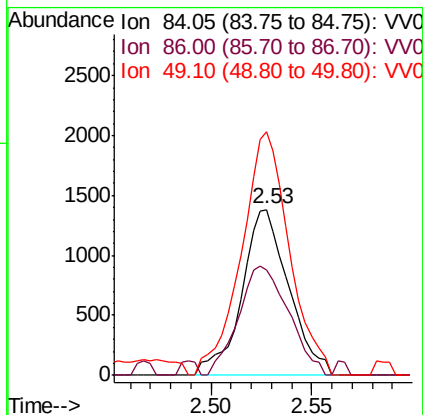
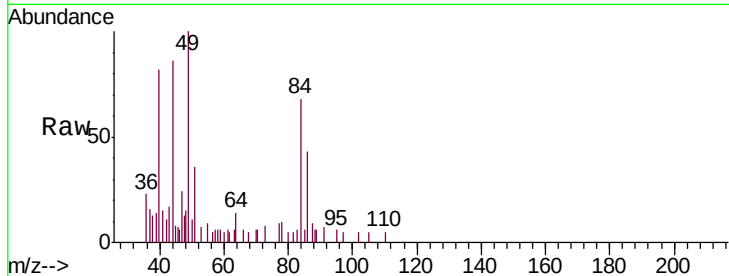




#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

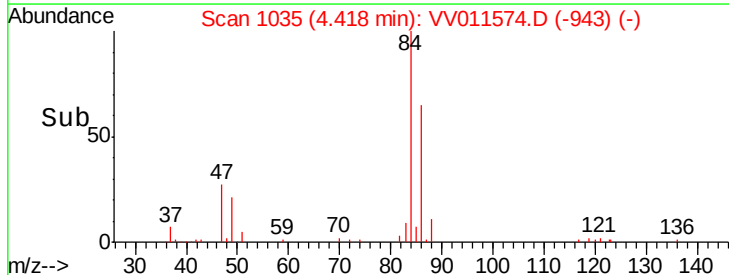
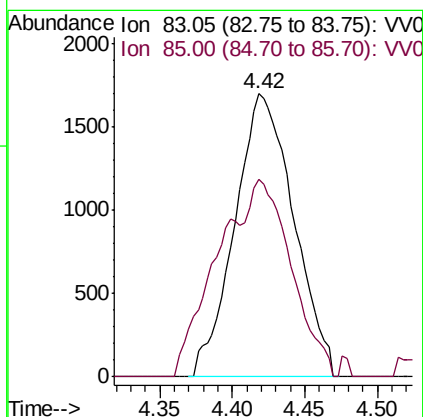
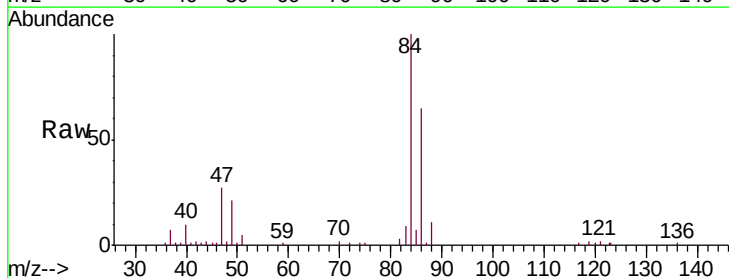
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

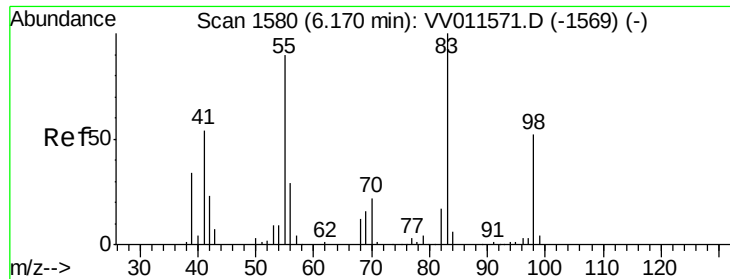
Tgt Ion: 84 Resp: 2252
Ion Ratio Lower Upper
84 100
86 63.9 42.5 78.9
49 147.1 97.7 181.5



#25
Chloroform
Concen: 0.209 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

Tgt Ion: 83 Resp: 4799
Ion Ratio Lower Upper
83 100
85 70.0 44.6 82.8

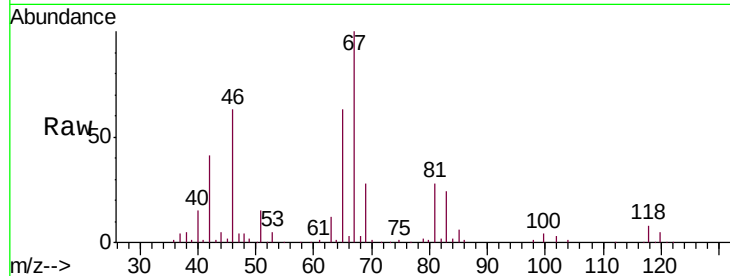




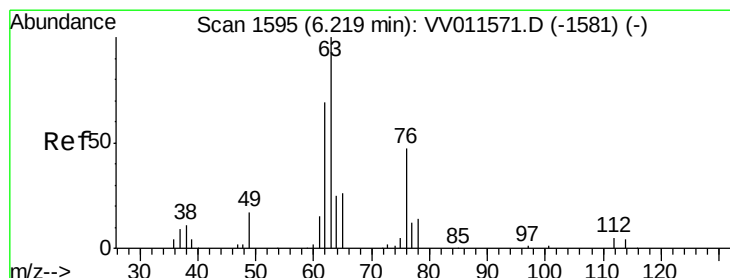
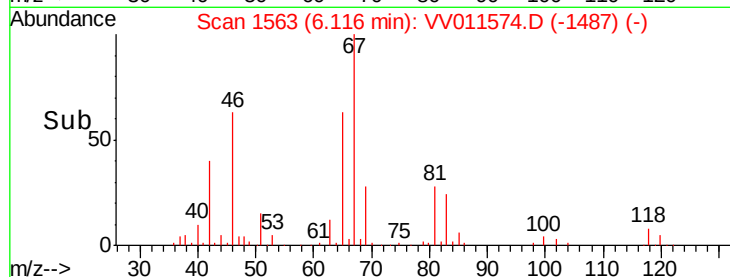
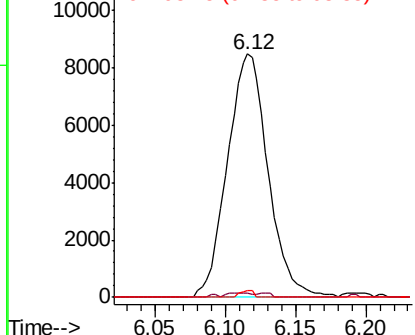
#35
Methylcyclohexane
Concen: 1.026 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 17084
Ion Ratio Lower Upper
83 100
55 1.3 67.9 101.9#
98 1.0 39.6 59.4#

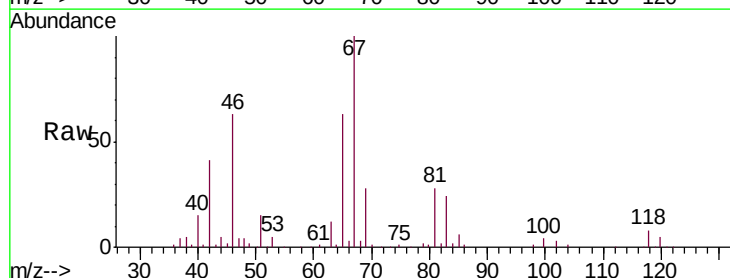


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

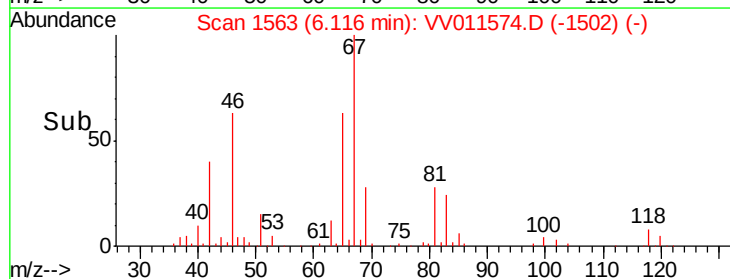
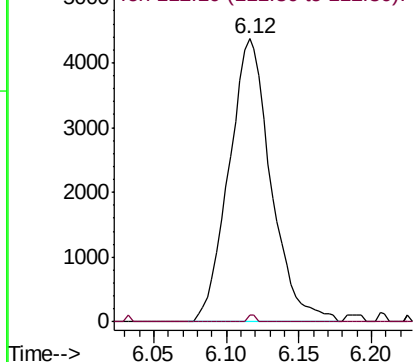


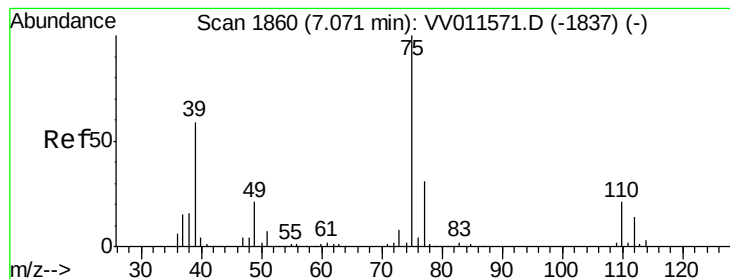
#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

Tgt Ion: 63 Resp: 8804
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



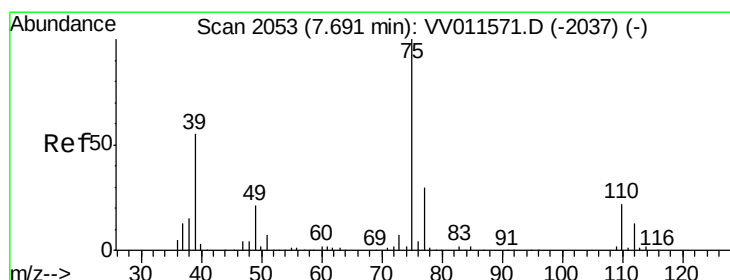
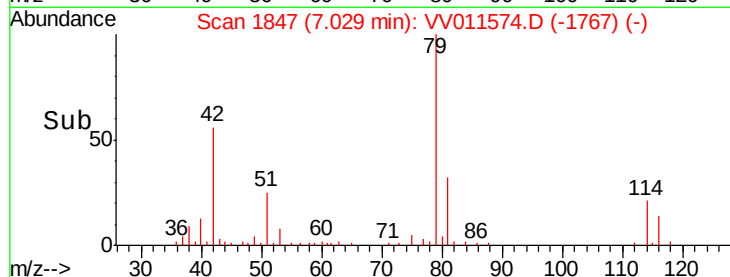
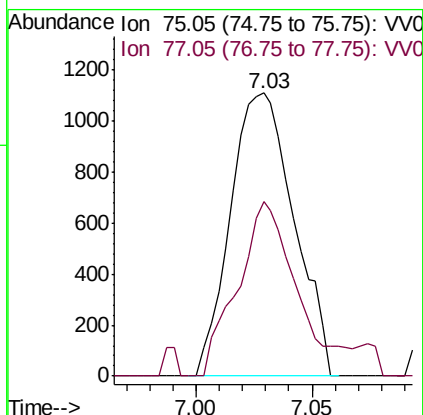
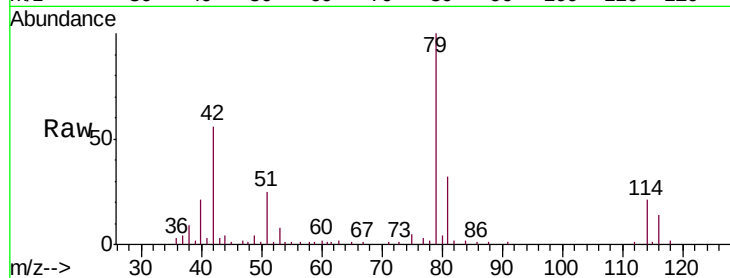


#39

cis-1,3-Dichloropropene
Concen: 0.137 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

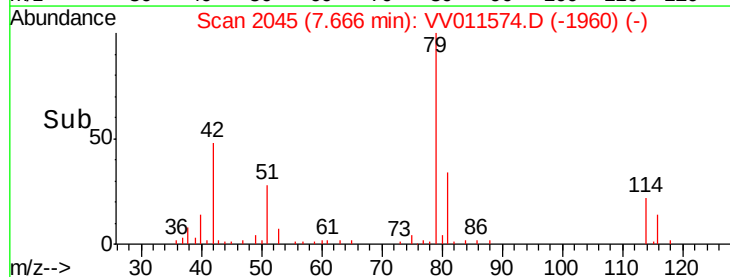
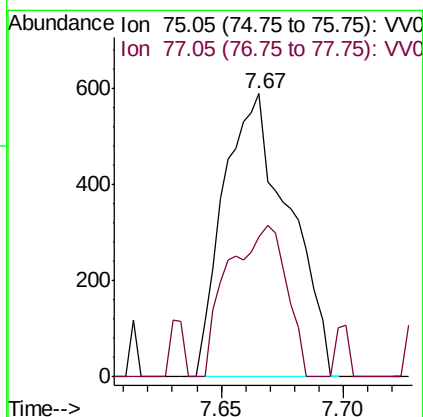
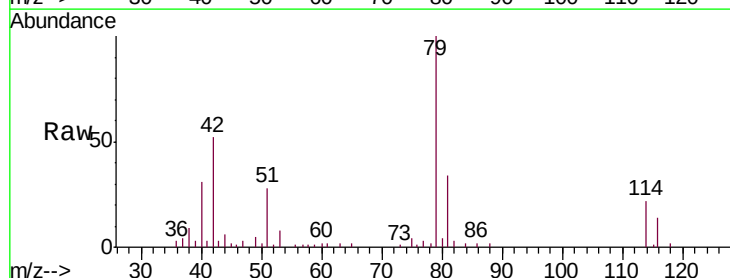
Tgt Ion: 75 Resp: 2109
Ion Ratio Lower Upper
75 100
77 61.9 20.6 38.4#

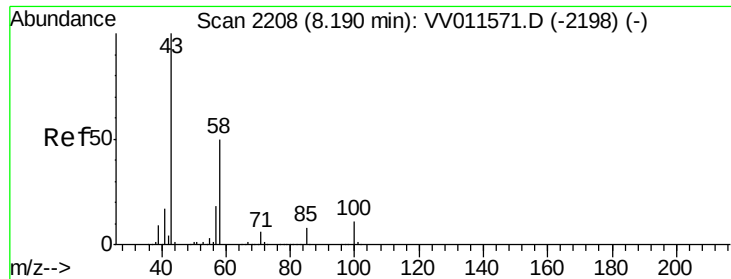


#44

trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011574.D
Acq: 18 Jun 2019 14:42

Tgt Ion: 75 Resp: 1099
Ion Ratio Lower Upper
75 100
77 49.5 22.8 42.4#





#48
 2-Hexanone
 Concen: 2.870 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011574.D
 Acq: 18 Jun 2019 14:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 17538
 Ion Ratio Lower Upper
 43 100
 58 27.4 40.6 60.8#
 57 26.9 14.2 21.4#
 100 0.4 8.6 12.8#

