

Data File : VV011546.D
Acq On : 17 Jun 2019 12:50
Operator : SY/MD
Sample : VV0617WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Quant Time: Jun 18 08:45:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	200051	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67763	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	51475	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.12	63	103759	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	166704	39.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.44%
24) Chloroform-d	4.40	84	126885	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	73088	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.09	84	259373	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.11	67	79938	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	224502	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	24304	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	127889	39.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47982	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	70054	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

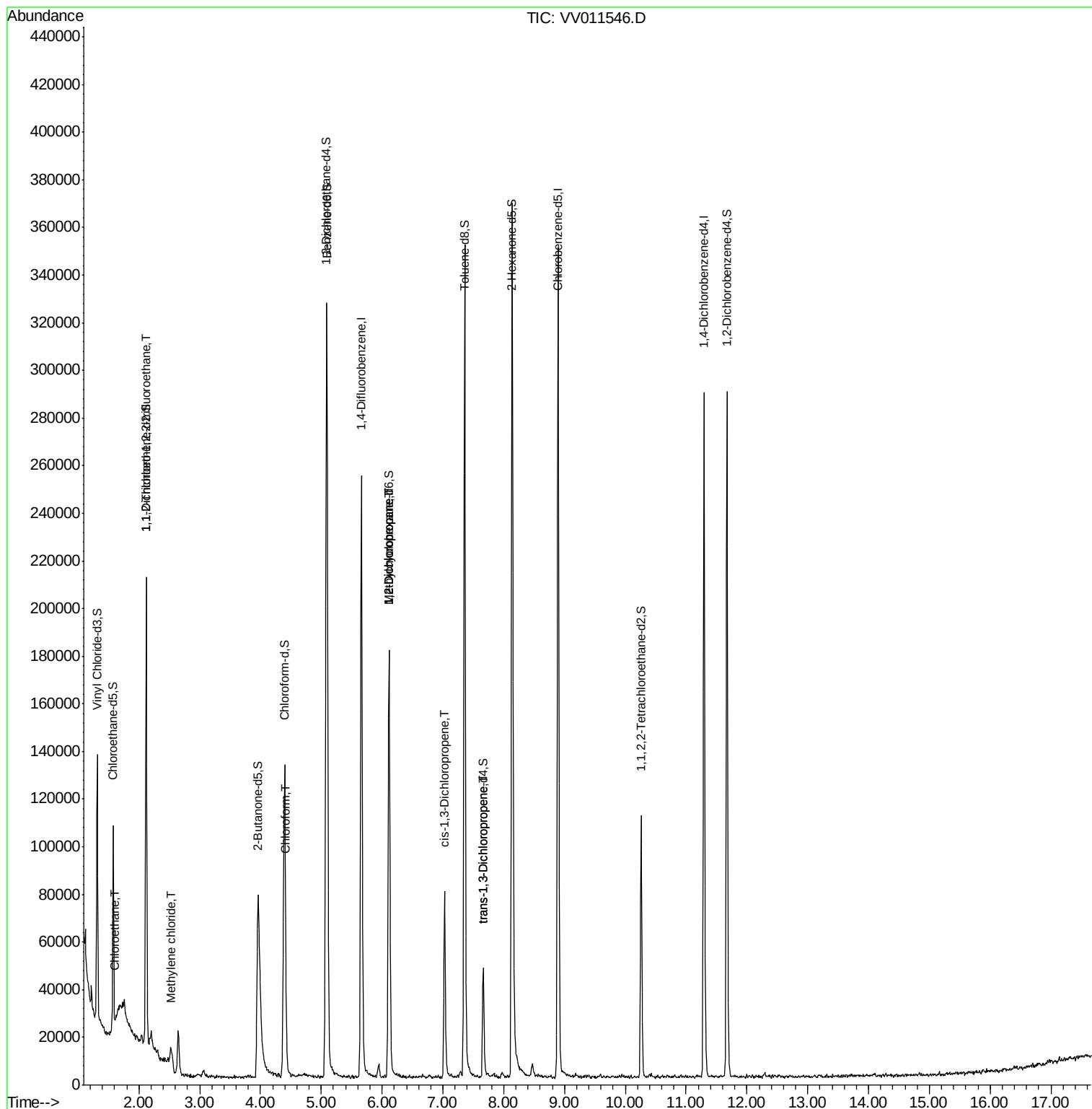
						Qvalue
8) Chloroethane	1.61	64	1008	0.109	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	970	0.081	ug/L #	24
16) Methylene chloride	2.53	84	2138	0.151	ug/L	78
25) Chloroform	4.42	83	3154	0.108	ug/L	92
35) Methylcyclohexane	6.12	83	19609	0.929	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9968	0.645	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2342	0.120	ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1617	0.109	ug/L	100

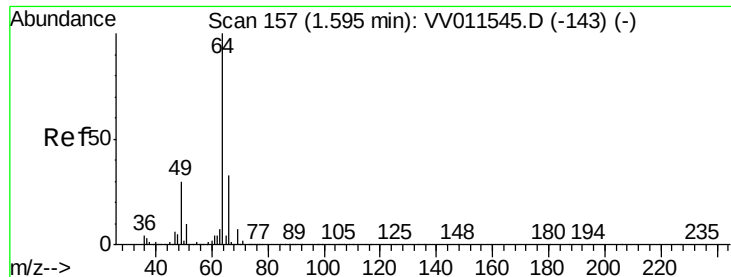
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.109 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

Lab File: VV011546.D

Acq: 17 Jun 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

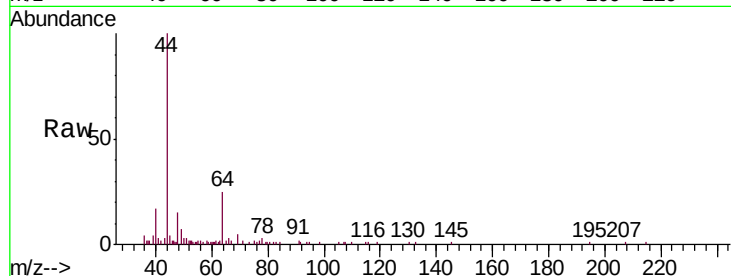
VBLK33

Tgt Ion: 64 Resp: 1008

Ion Ratio Lower Upper

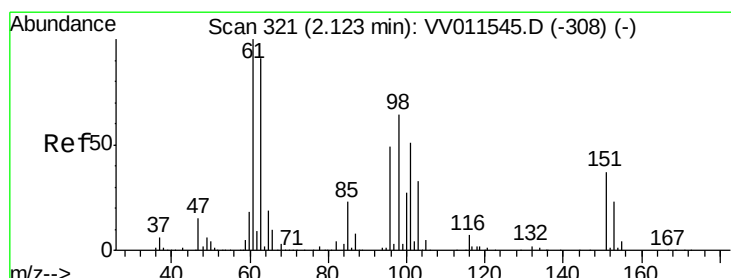
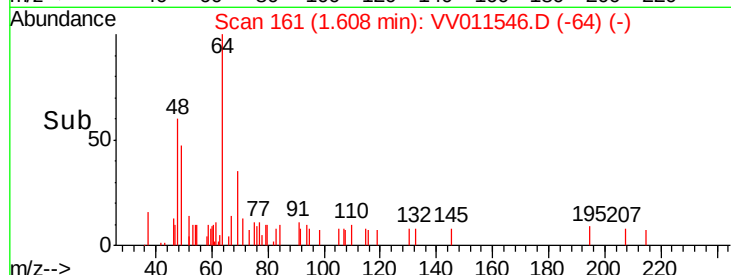
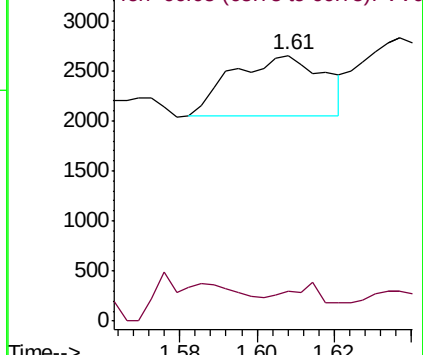
64 100

66 11.2 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV011546.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV011546.D (-64) (-)



#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011546.D

Acq: 17 Jun 2019 12:50

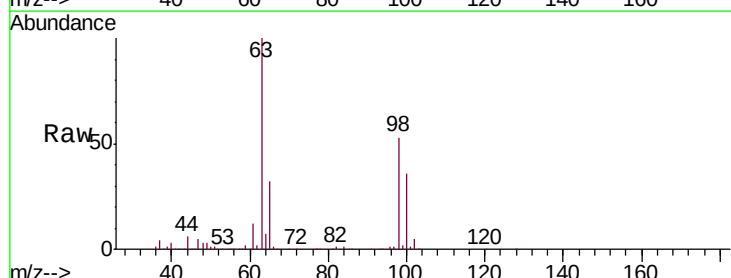
Tgt Ion: 101 Resp: 970

Ion Ratio Lower Upper

101 100

85 7.6 37.3 55.9#

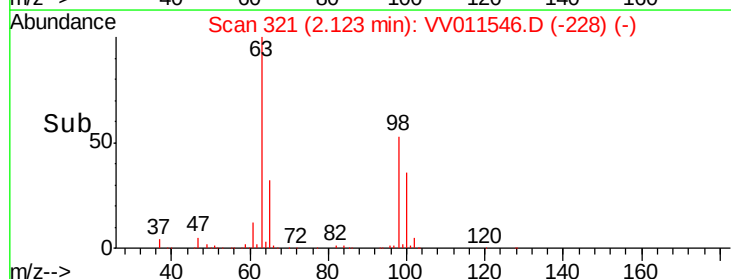
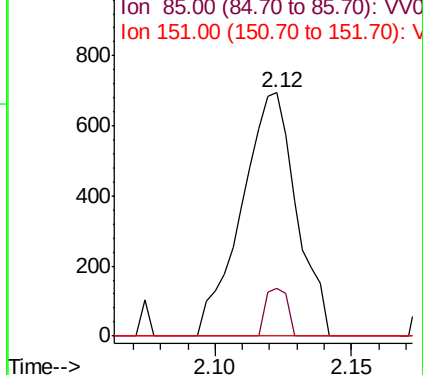
151 0.0 59.4 89.2#

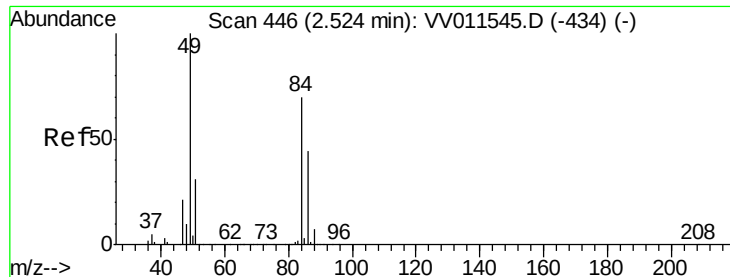


Abundance Ion 101.00 (100.70 to 101.70): VV011546.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV011546.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV011546.D (-228) (-)

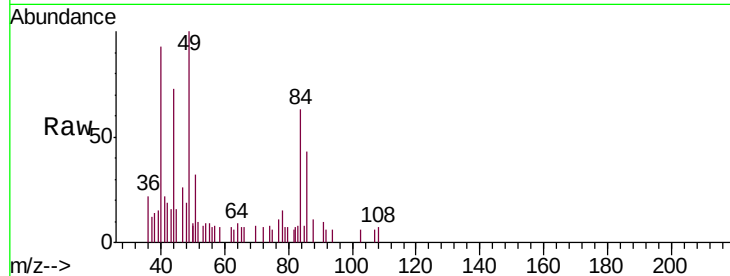




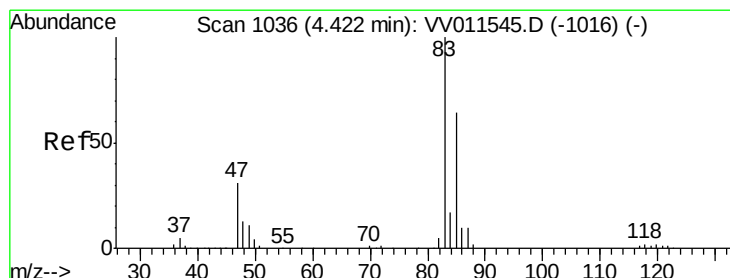
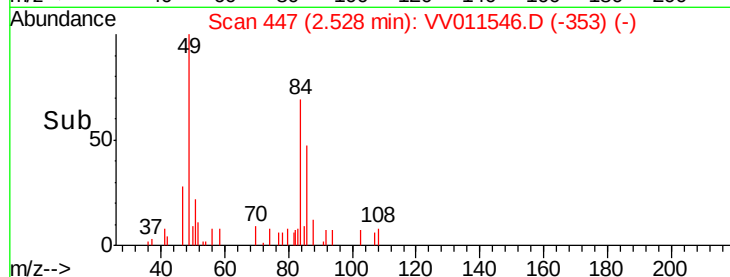
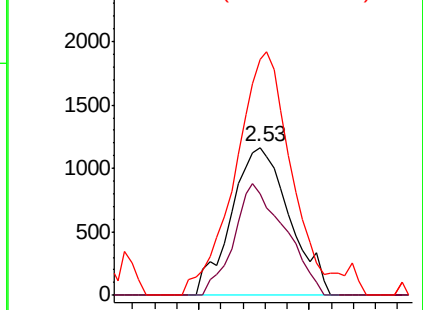
#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Instrument :
MSVOA_V
ClientSampled :
VBLK33

Tgt Ion: 84 Resp: 2138
Ion Ratio Lower Upper
84 100
86 68.6 42.5 78.9
49 173.2 97.7 181.5

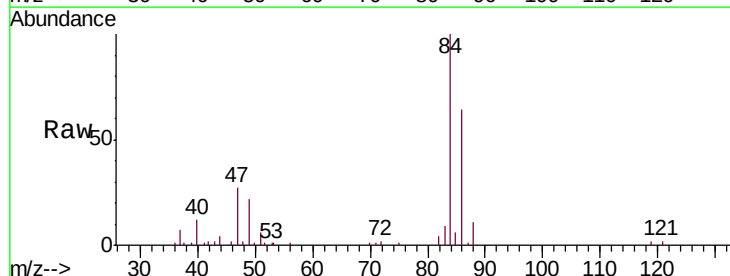


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

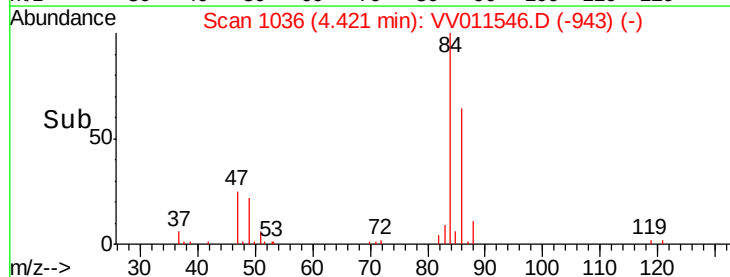
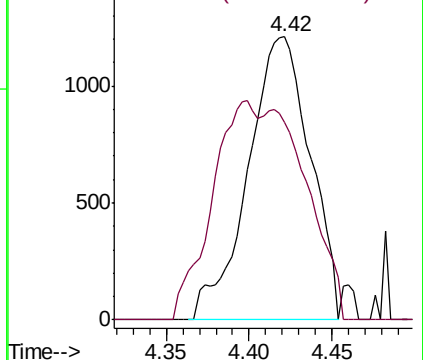


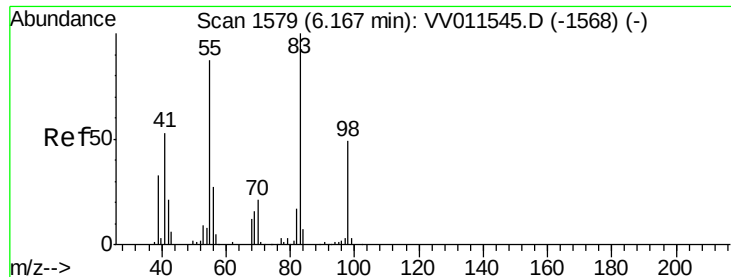
#25
Chloroform
Concen: 0.108 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Tgt Ion: 83 Resp: 3154
Ion Ratio Lower Upper
83 100
85 70.0 44.6 82.8



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

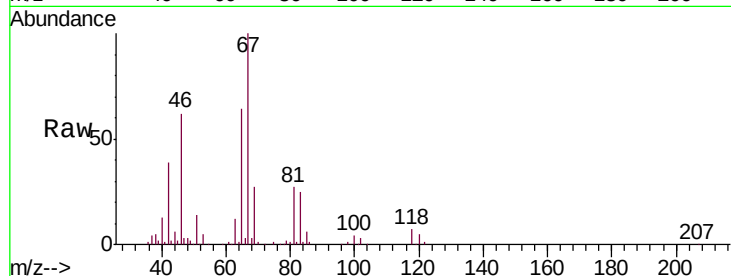




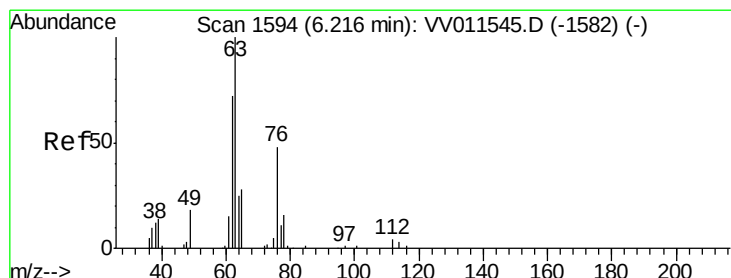
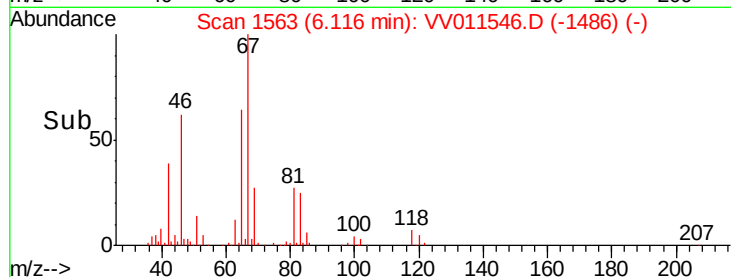
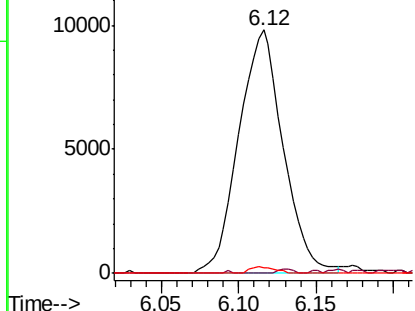
#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Tgt Ion: 83 Resp: 19609
Ion Ratio Lower Upper
83 100
55 0.6 67.9 101.9#
98 1.5 39.6 59.4#

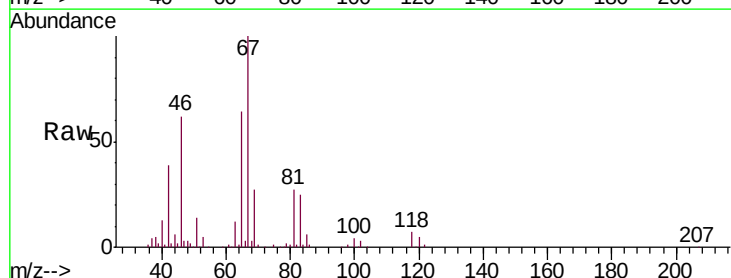


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

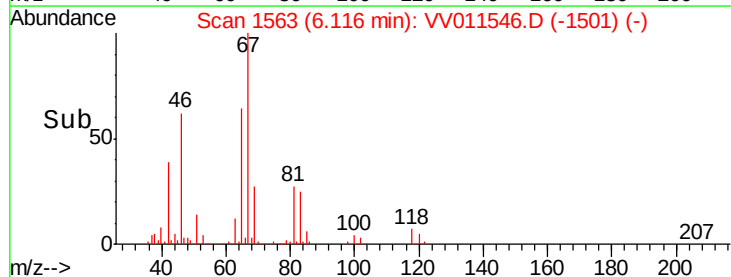
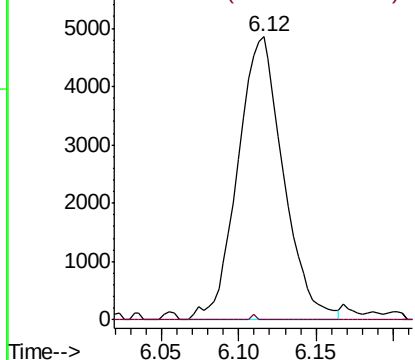


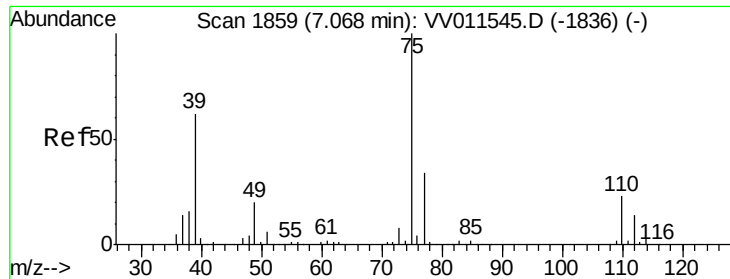
#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Tgt Ion: 63 Resp: 9968
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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



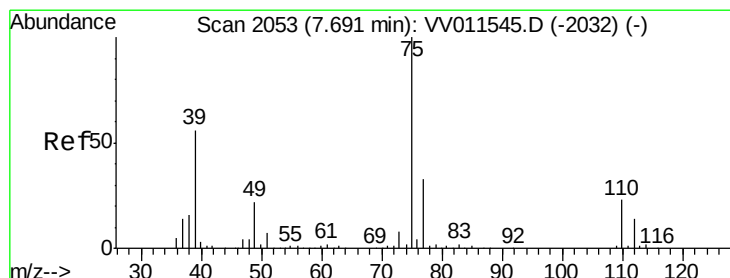
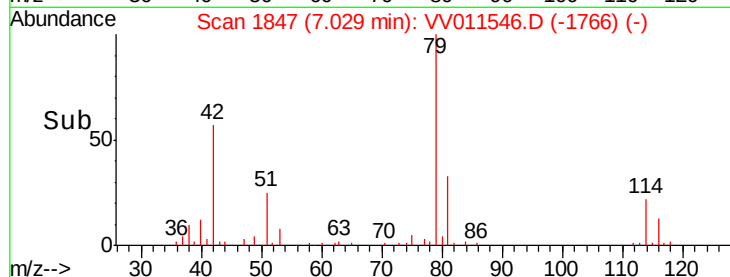
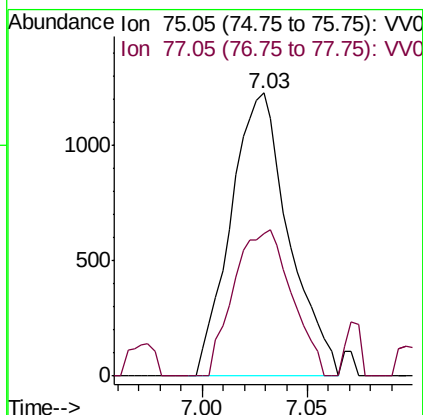
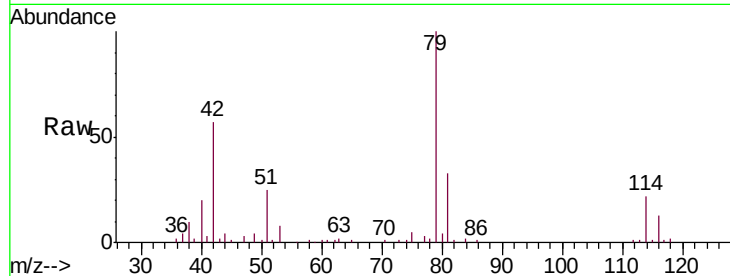


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Instrument :
MSVOA_V
ClientSampleId :
VBLK33

Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
77 50.4 20.6 38.4#



#44

trans-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV011546.D
Acq: 17 Jun 2019 12:50

Tgt Ion: 75 Resp: 1617
Ion Ratio Lower Upper
75 100
77 32.8 22.8 42.4

