

Data File : VV011444.D
Acq On : 13 Jun 2019 04:31
Operator : SY/MD
Sample : VV0612WBL03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK58

Quant Time: Jun 13 08:27:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127880	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	43088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47297	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	35957	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.12	63	74309	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.97	46	116777	53.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.40	84	89132	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.08	65	49863	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.09	84	174164	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	53217	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	148649	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	14438	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	88455	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35910	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	45394	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

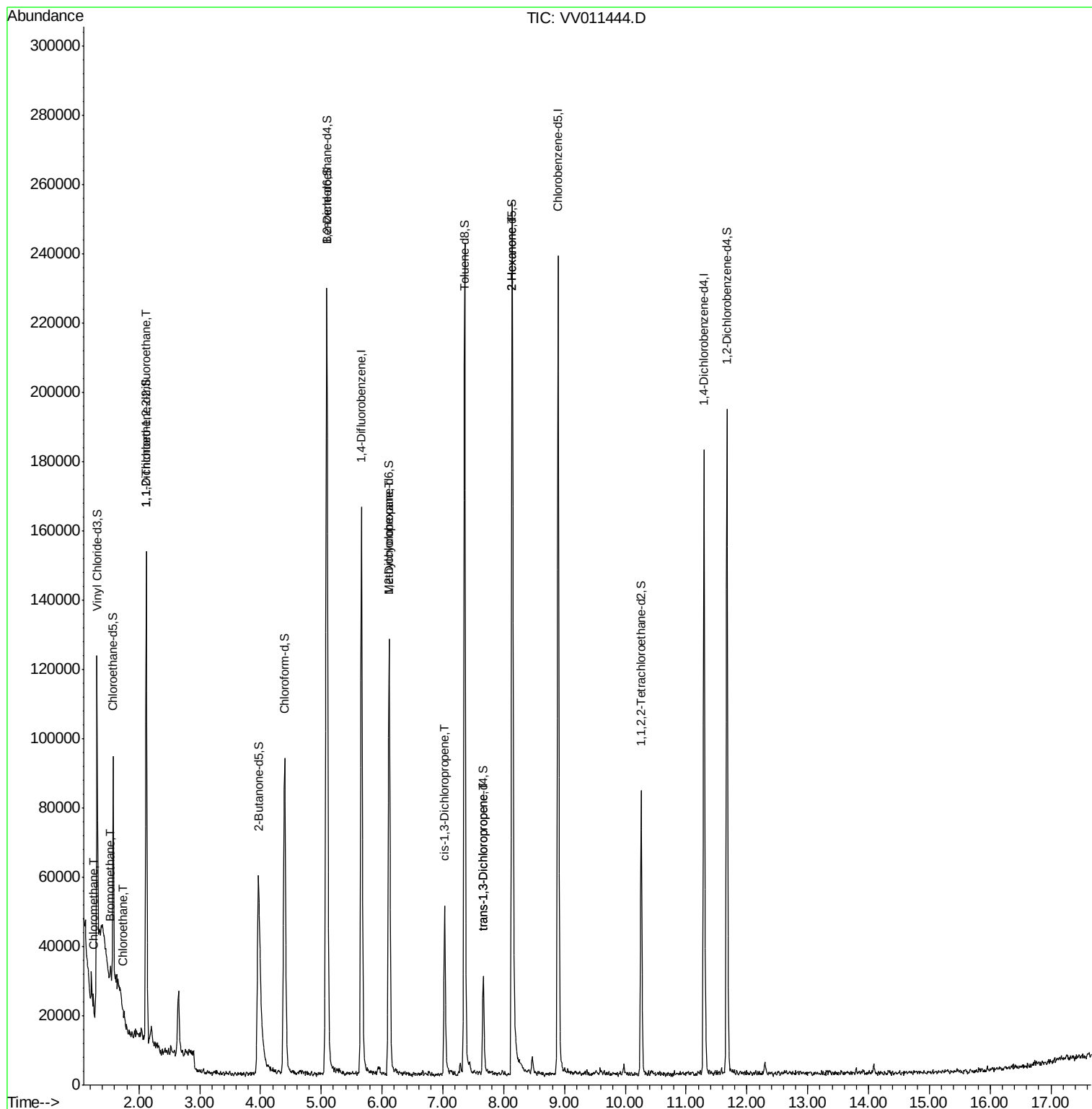
					Qvalue
3) Chloromethane	1.25	50	4380	0.359 ug/L	97
6) Bromomethane	1.53	94	2192	0.358 ug/L	93
8) Chloroethane	1.75	64	873	0.116 ug/L #	66
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	774	0.093 ug/L #	33
35) Methylcyclohexane	6.12	83	13750	0.863 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1604	0.118 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	839	0.081 ug/L #	63
48) 2-Hexanone	8.14	43	14135	3.430 ug/L #	70

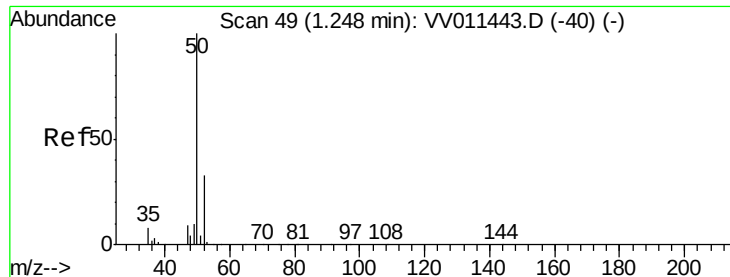
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.359 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 13 Jun 2019 04:31

Instrument :

MSVOA_V

ClientSampleId :

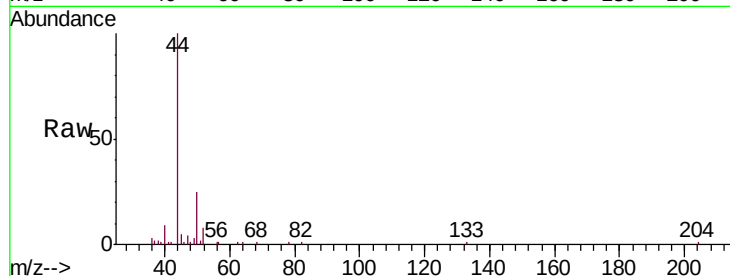
VBLK58

Tgt Ion: 50 Resp: 4380

Ion Ratio Lower Upper

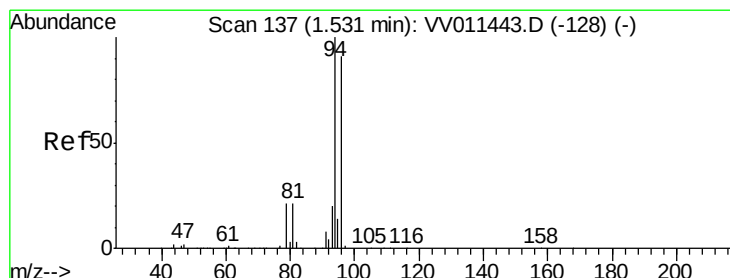
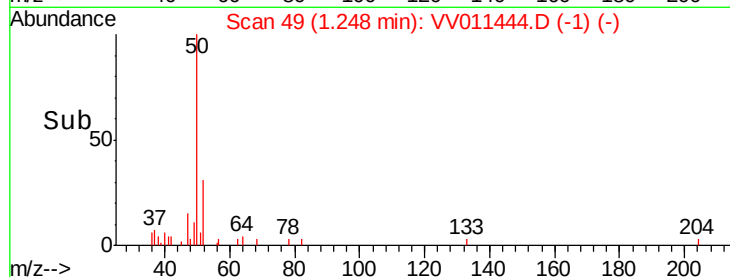
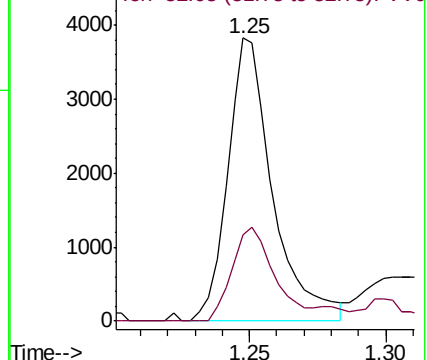
50 100

52 30.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.358 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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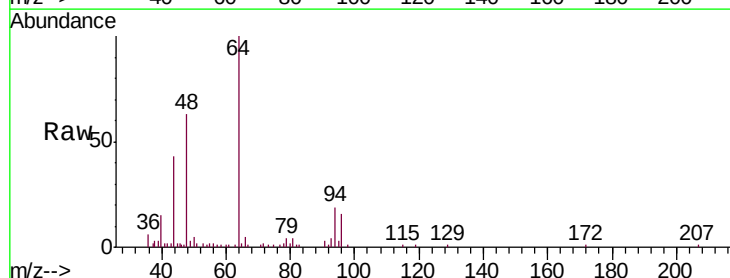
Acq: 13 Jun 2019 04:31

Tgt Ion: 94 Resp: 2192

Ion Ratio Lower Upper

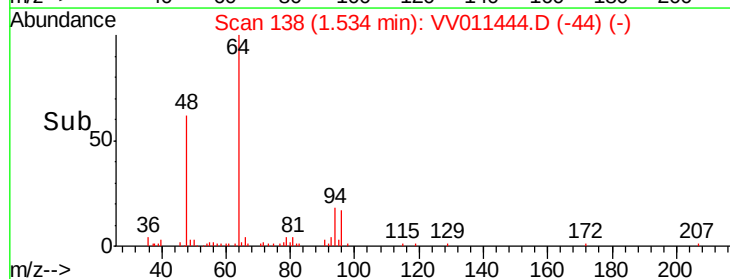
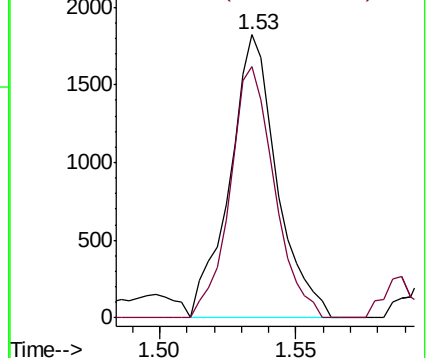
94 100

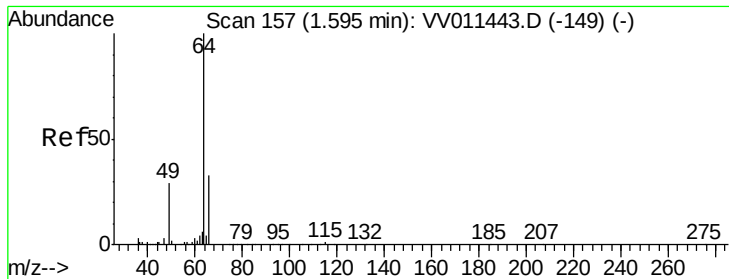
96 88.9 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.75 min Scan# 205

Delta R.T. 0.15 min

Lab File: VV011444.D

Acq: 13 Jun 2019 04:31

Instrument :

MSVOA_V

ClientSampleId :

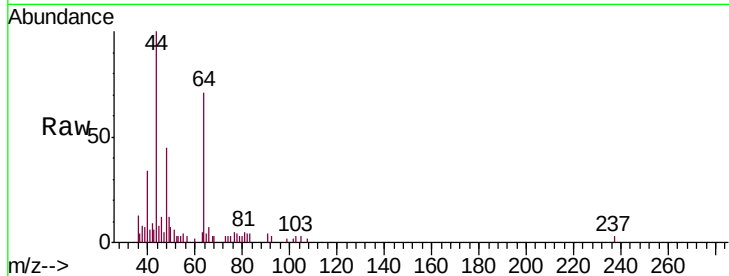
VBLK58

Tgt Ion: 64 Resp: 873

Ion Ratio Lower Upper

64 100

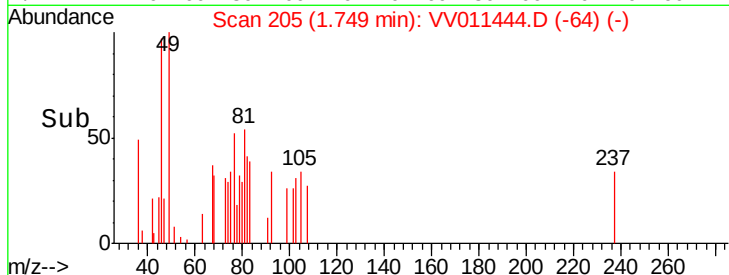
66 10.1 19.4 36.0#



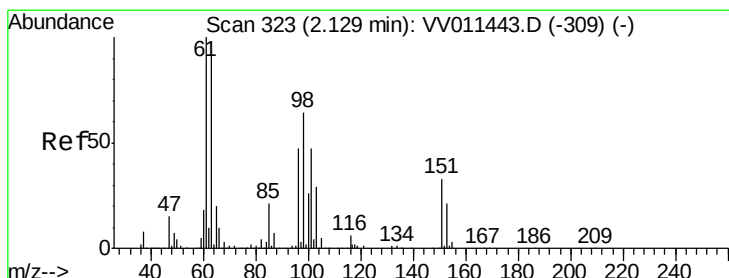
Abundance Ion 64.10 (63.80 to 64.80): VV011444.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV011444.D (-149) (-)

Time-->



Time-->



#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: VV011444.D

Acq: 13 Jun 2019 04:31

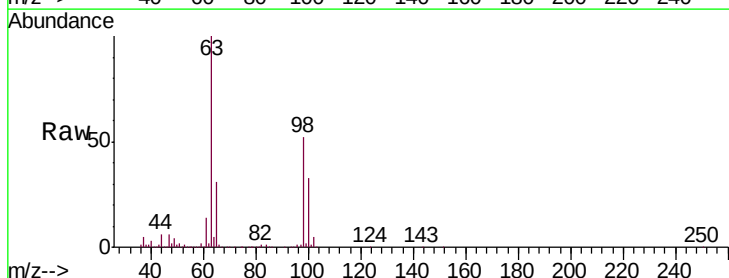
Tgt Ion: 101 Resp: 774

Ion Ratio Lower Upper

101 100

85 14.5 35.5 53.3#

151 5.0 56.9 85.3#

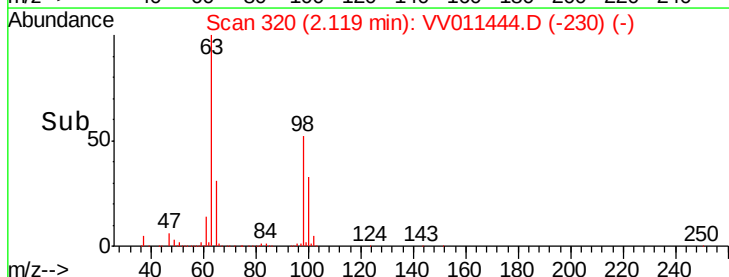


Abundance Ion 101.00 (100.70 to 101.70): VV011444.D (-309) (-)

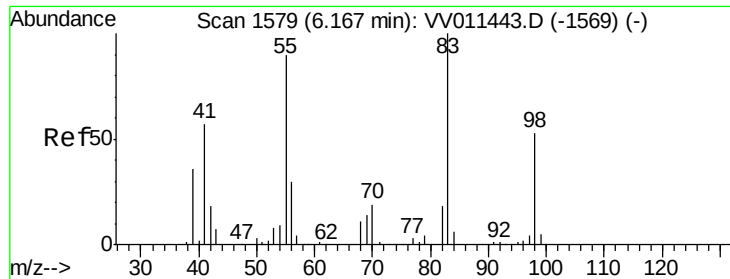
Ion 85.00 (84.70 to 85.70): VV011444.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV011444.D (-309) (-)

Time-->



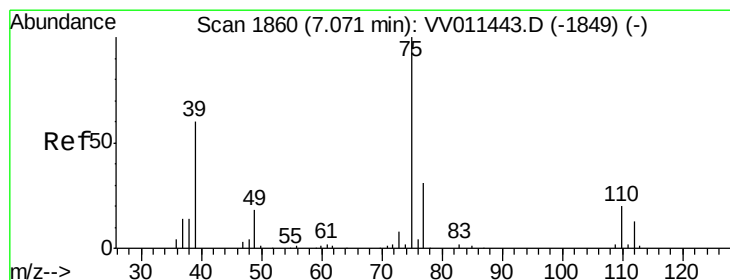
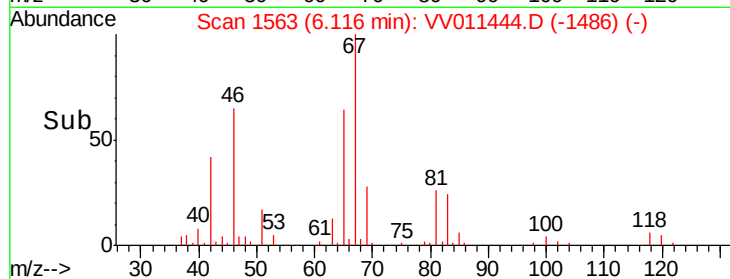
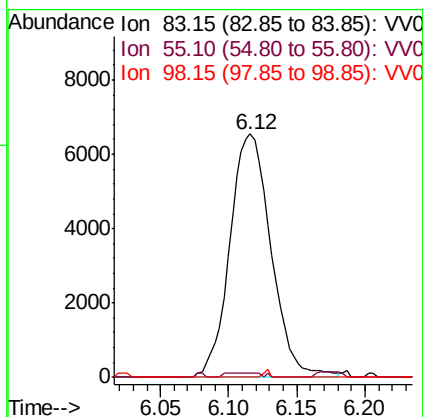
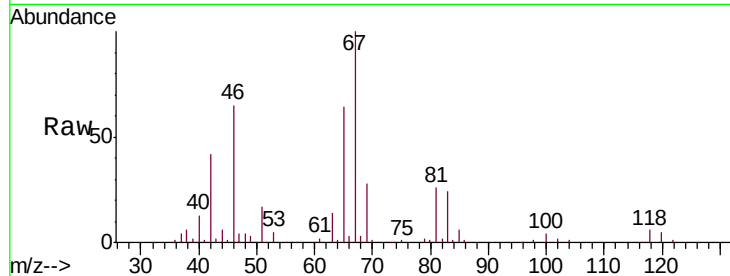
Time-->



#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011444.D
Acq: 13 Jun 2019 04:31

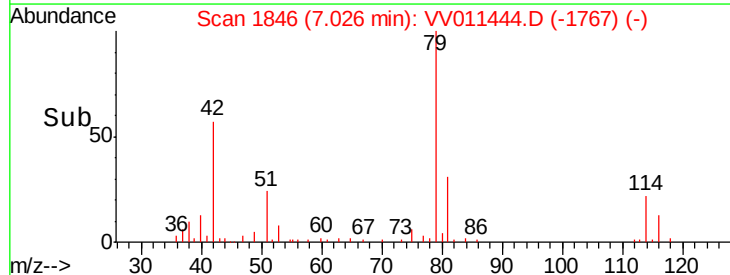
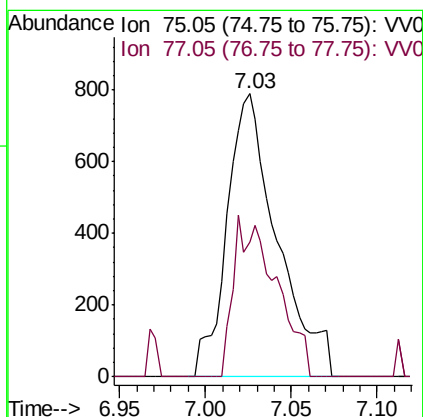
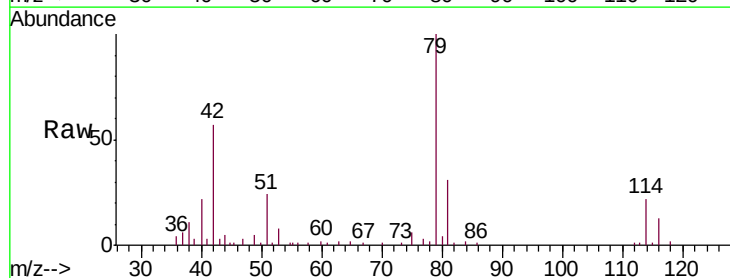
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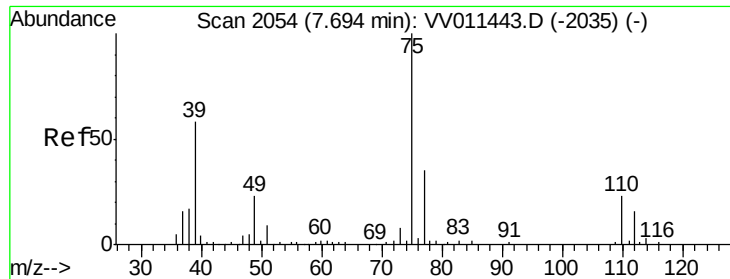
Tgt Ion: 83 Resp: 13750
Ion Ratio Lower Upper
83 100
55 1.6 67.0 100.6#
98 0.5 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011444.D
Acq: 13 Jun 2019 04:31

Tgt Ion: 75 Resp: 1604
Ion Ratio Lower Upper
75 100
77 47.8 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011444.D

Acq: 13 Jun 2019 04:31

Instrument :

MSVOA_V

ClientSampleId :

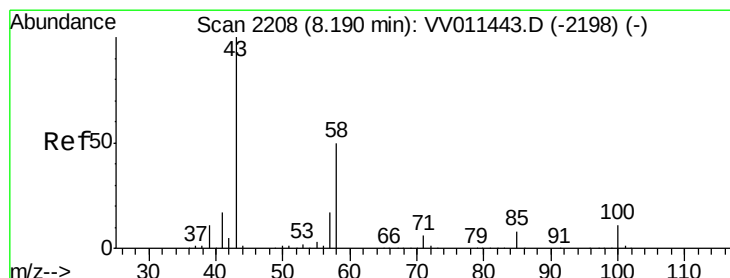
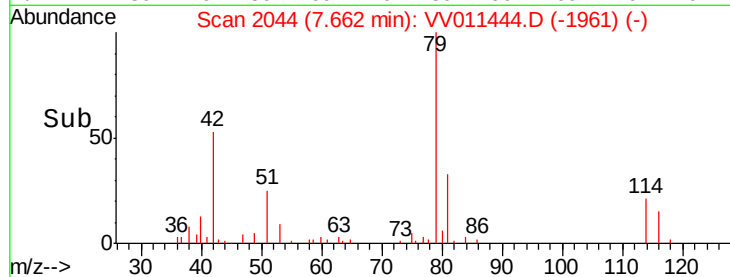
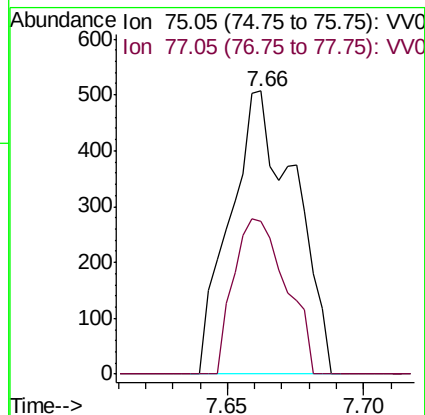
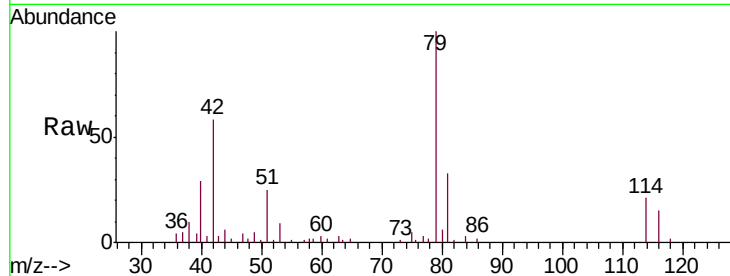
VBLK58

Tgt Ion: 75 Resp: 839

Ion Ratio Lower Upper

75 100

77 54.0 23.1 42.9#



#48

2-Hexanone

Concen: 3.430 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011444.D

Acq: 13 Jun 2019 04:31

Tgt Ion: 43 Resp: 14135

Ion Ratio Lower Upper

43 100

58 25.5 41.4 62.0#

57 24.8 15.0 22.4#

100 0.9 9.0 13.4#

