

Data File : VV011368.D
Acq On : 11 Jun 2019 01:45
Operator : SY/MD
Sample : K3228-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 11 04:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	47964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43774	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.57	69	38824	4.54	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	75810	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	132376	57.12	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.24%
24) Chloroform-d	4.40	84	94381	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	54415	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.09	84	187953	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	59254	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	165040	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	16577	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.13	63	96425	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40518	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52446	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

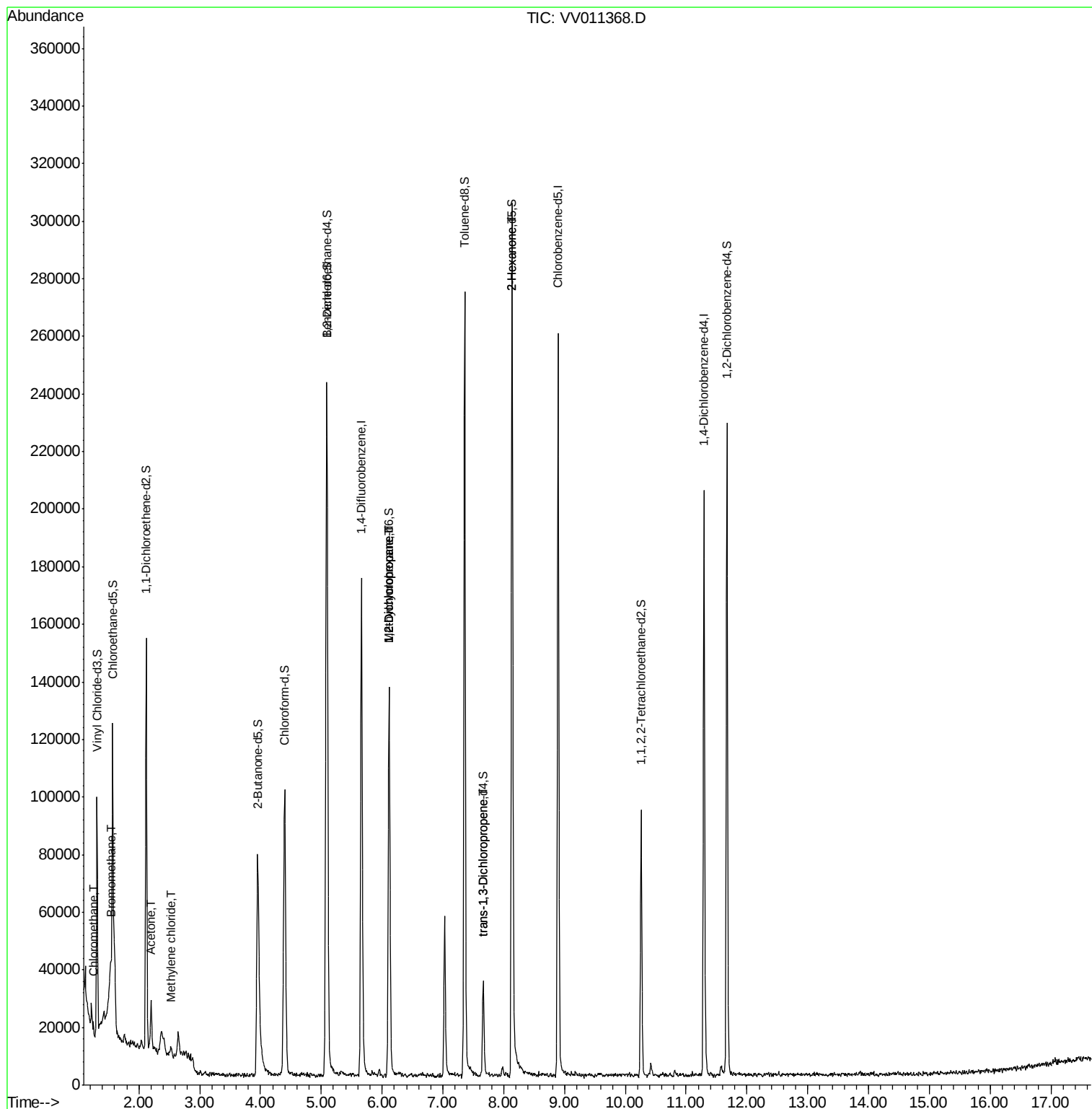
						Qvalue
3) Chloromethane	1.25	50	2496	0.193	ug/L	98
6) Bromomethane	1.53	94	1819	0.280	ug/L	91
13) Acetone	2.21	43	4131	2.658	ug/L	87
16) Methylene chloride	2.53	84	1081	0.123	ug/L	87
35) Methylcyclohexane	6.12	83	13683	0.800	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7241	0.726	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	997	0.090	ug/L	99
48) 2-Hexanone	8.13	43	13817	3.121	ug/L #	72

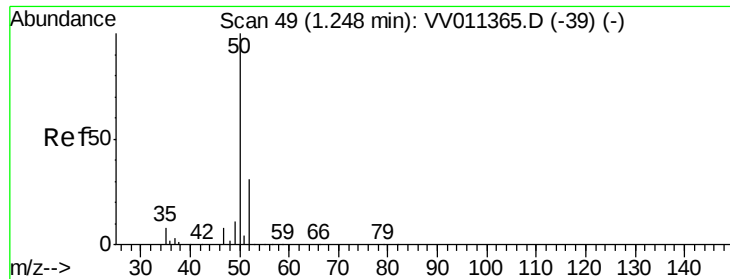
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.193 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

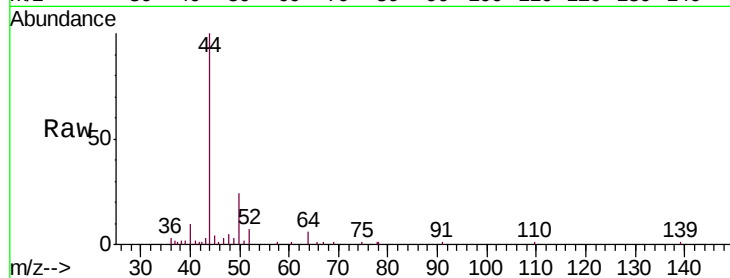
VHBLK01

Tgt Ion: 50 Resp: 2496

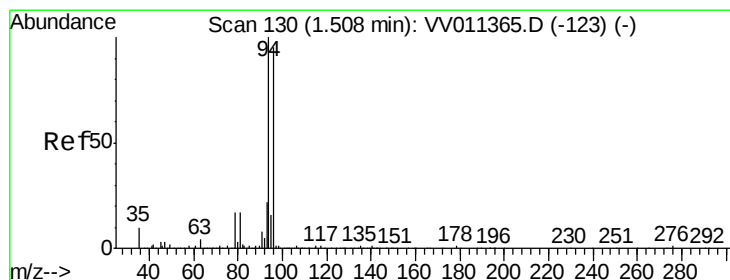
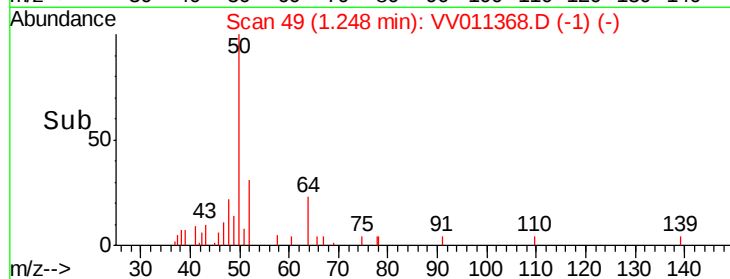
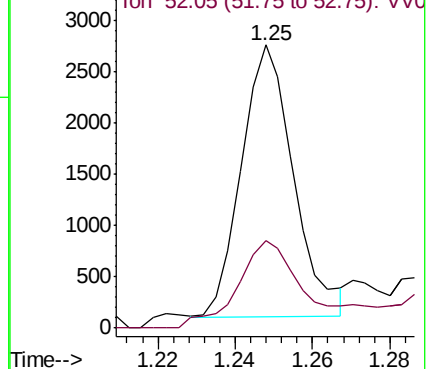
Ion Ratio Lower Upper

50 100

52 30.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011365.D (-39) (-)



#6

Bromomethane

Concen: 0.280 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.02 min

Lab File: VV011368.D

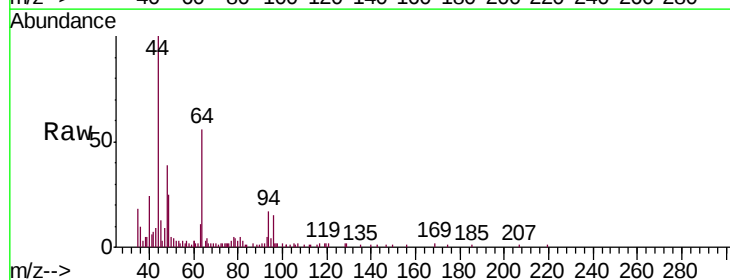
Acq: 11 Jun 2019 01:45

Tgt Ion: 94 Resp: 1819

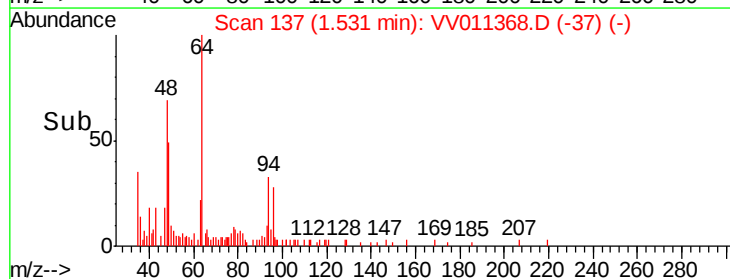
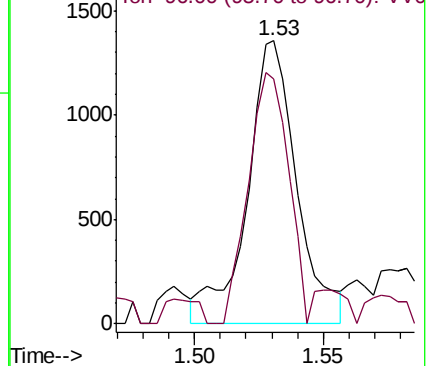
Ion Ratio Lower Upper

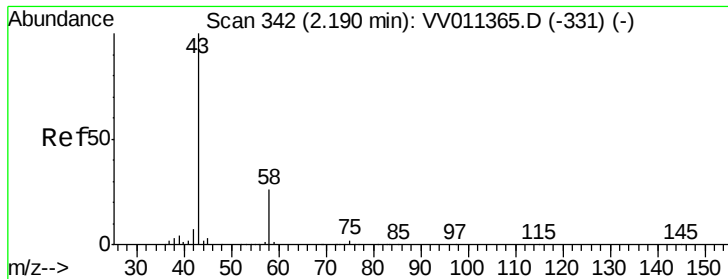
94 100

96 86.6 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011365.D (-123) (-)





#13

Acetone

Concen: 2.658 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

Lab File: VV011368.D

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MSVOA_V

ClientSampleId :

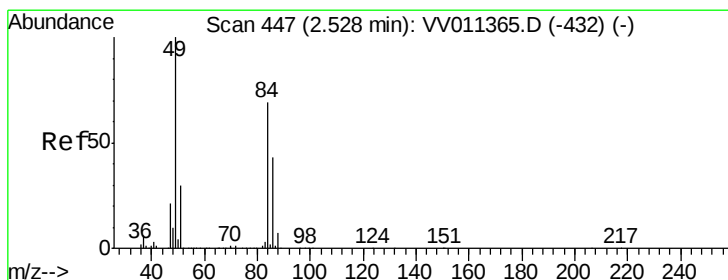
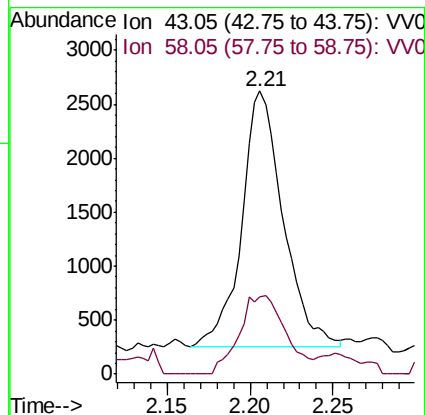
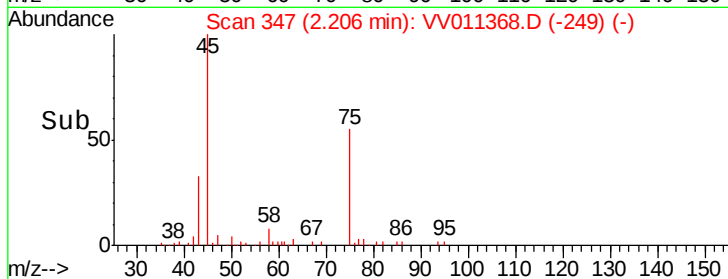
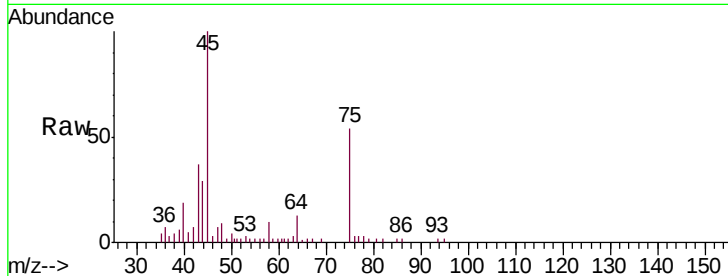
VHBLK01

Tgt Ion: 43 Resp: 4131

Ion Ratio Lower Upper

43 100

58 34.6 0.0 55.2



#16

Methylene chloride

Concen: 0.123 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011368.D

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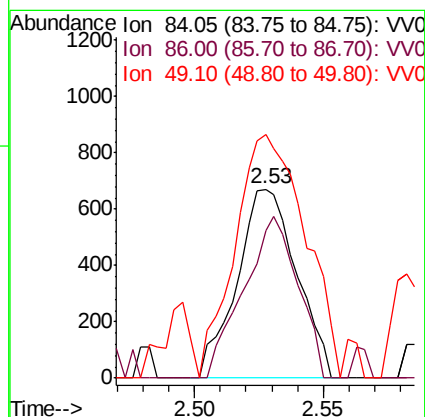
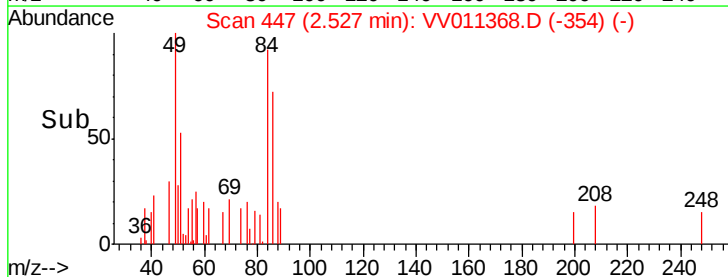
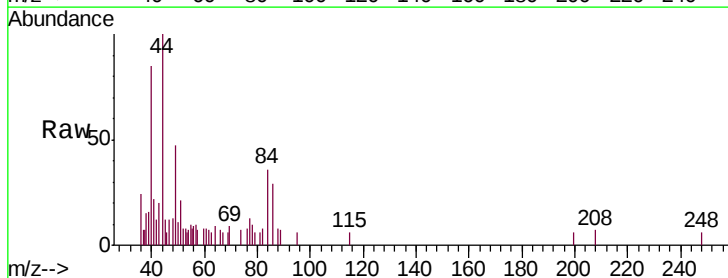
Tgt Ion: 84 Resp: 1081

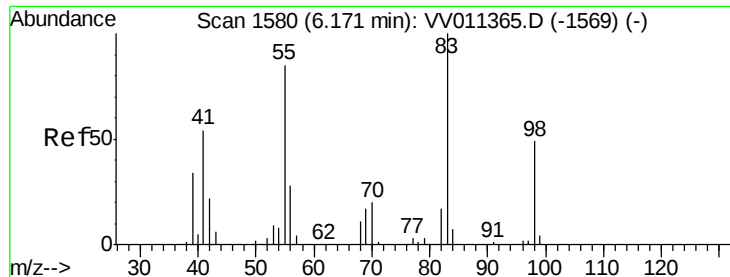
Ion Ratio Lower Upper

84 100

86 78.4 44.9 83.3

49 159.6 102.1 189.5

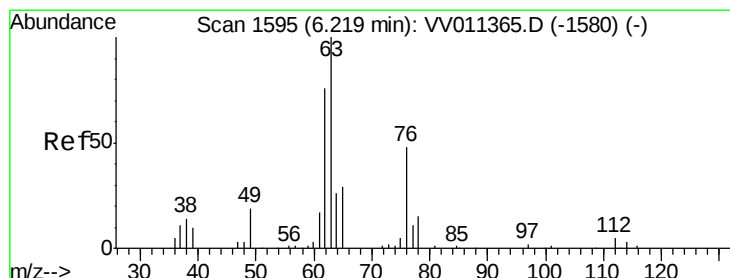
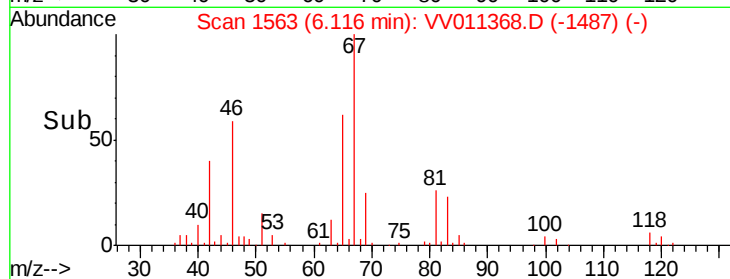
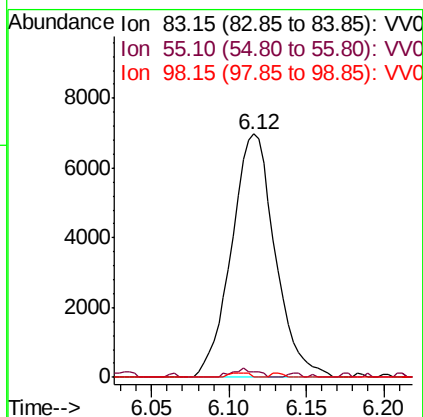
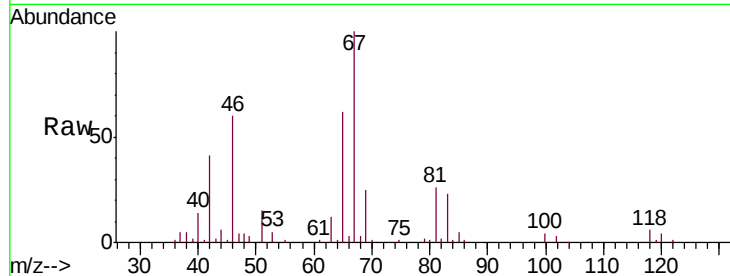




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011368.D
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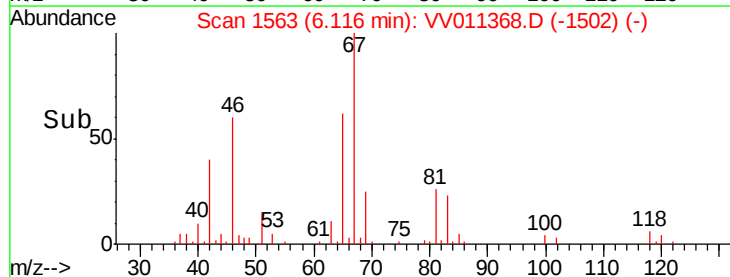
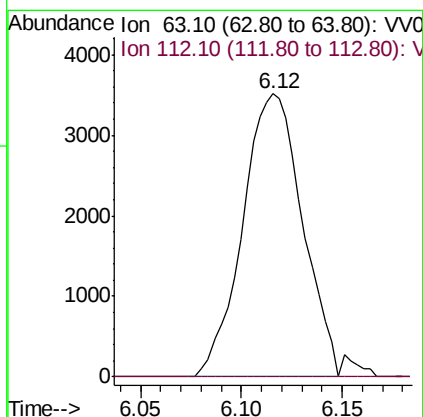
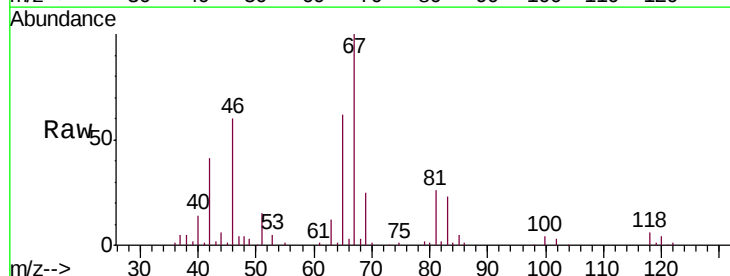
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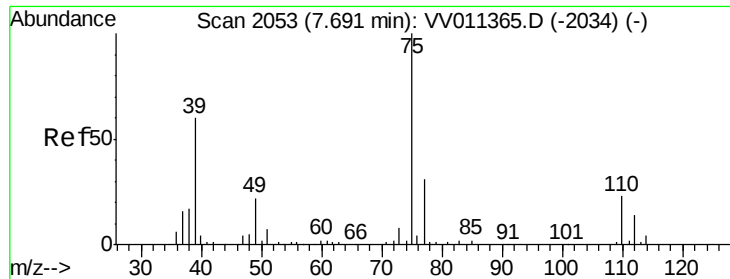
Tgt Ion: 83 Resp: 13683
Ion Ratio Lower Upper
83 100
55 1.9 67.0 100.6#
98 0.8 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.726 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011368.D
Acq: 11 Jun 2019 01:45

Tgt Ion: 63 Resp: 7241
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

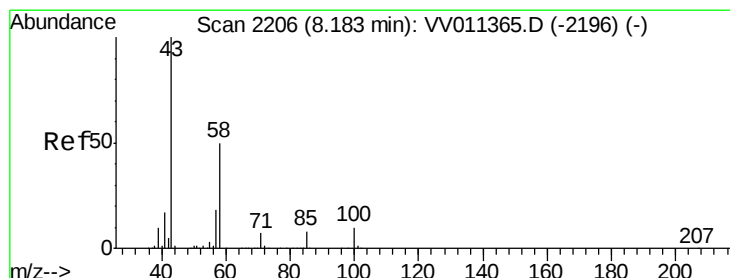
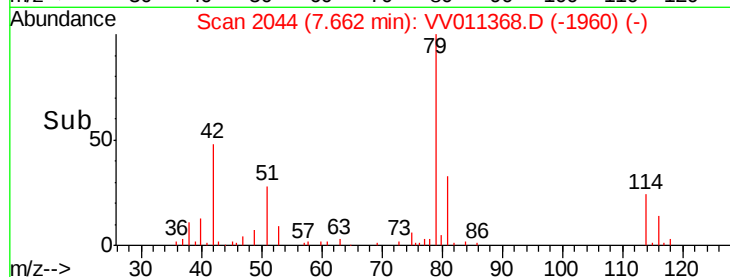
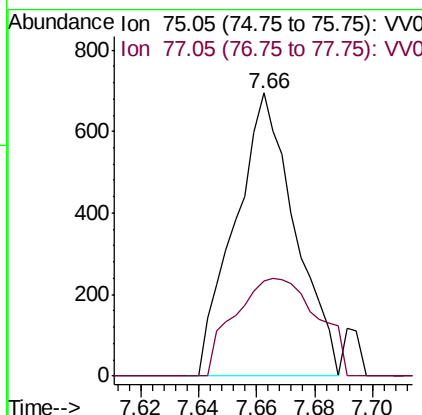
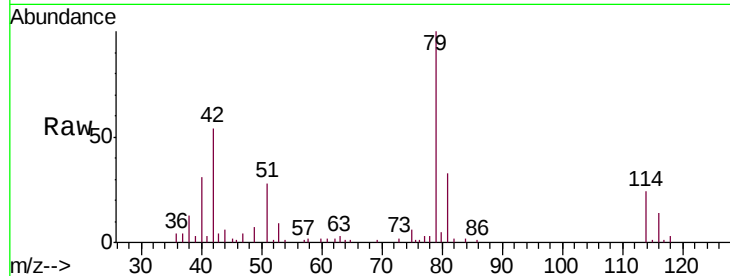




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011368.D
Acq: 11 Jun 2019 01:45

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 997
Ion Ratio Lower Upper
75 100
77 33.4 23.1 42.9



#48
2-Hexanone
Concen: 3.121 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011368.D
Acq: 11 Jun 2019 01:45

Tgt Ion: 43 Resp: 13817
Ion Ratio Lower Upper
43 100
58 28.4 41.4 62.0#
57 25.0 15.0 22.4#
100 1.0 9.0 13.4#

