

Data File : VV011351.D
Acq On : 10 Jun 2019 15:39
Operator : SY/MD
Sample : K3197-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 11 01:36:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158827	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41398	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.55	69	37673	3.77	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.12	63	71025	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.94	46	134963	49.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.40	84	91377	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	51256	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.09	84	180406	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	57751	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	156991	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.66	79	17310	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.13	63	102151	47.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40501	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52286	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

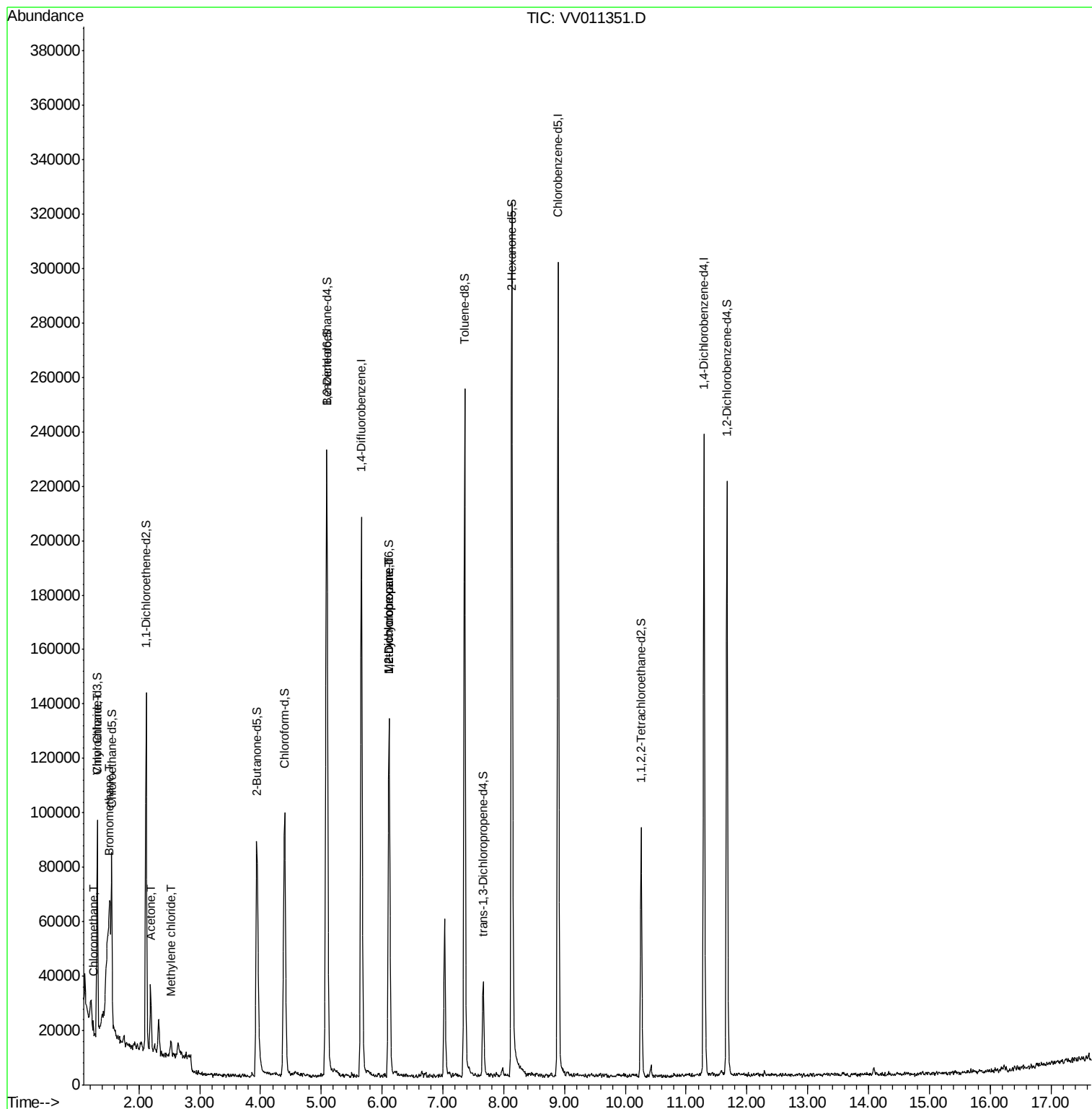
					Qvalue
3) Chloromethane	1.25	50	3603	0.238 ug/L	96
6) Bromomethane	1.51	94	2526	0.332 ug/L	94
8) Chloroethane	1.32	64	2563	0.274 ug/L	90
13) Acetone	2.19	43	4983	2.743 ug/L	93
16) Methylene chloride	2.53	84	1722	0.167 ug/L	99
35) Methylcyclohexane	6.11	83	13534	0.690 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7357	0.644 ug/L #	88

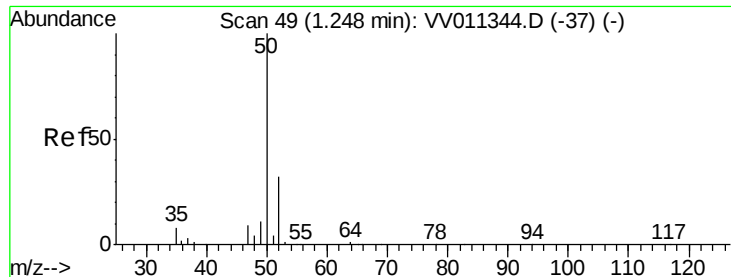
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.238 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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ClientSampleId :

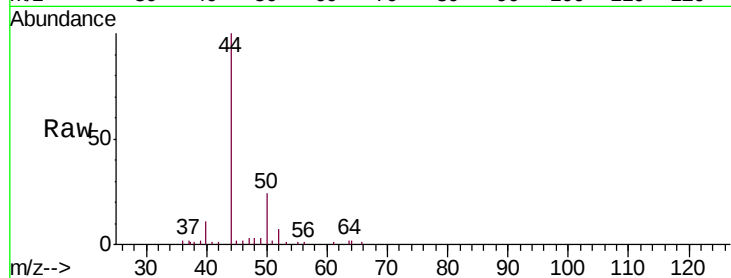
VHBLK01

Tgt Ion: 50 Resp: 3603

Ion Ratio Lower Upper

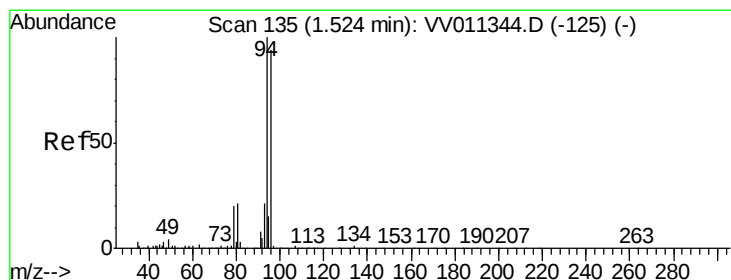
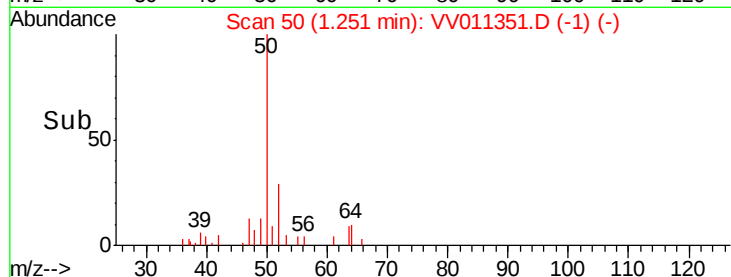
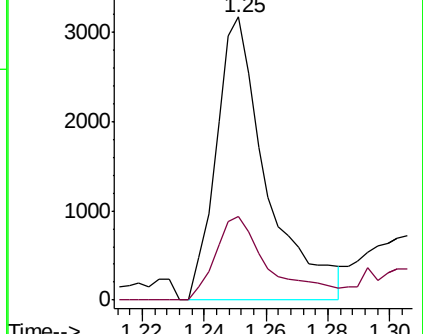
50 100

52 29.4 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: 0.332 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.02 min

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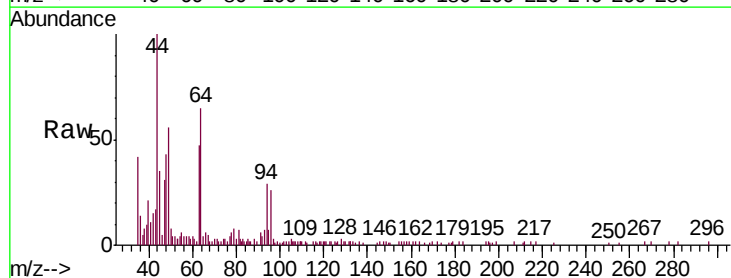
Acq: 10 Jun 2019 15:39

Tgt Ion: 94 Resp: 2526

Ion Ratio Lower Upper

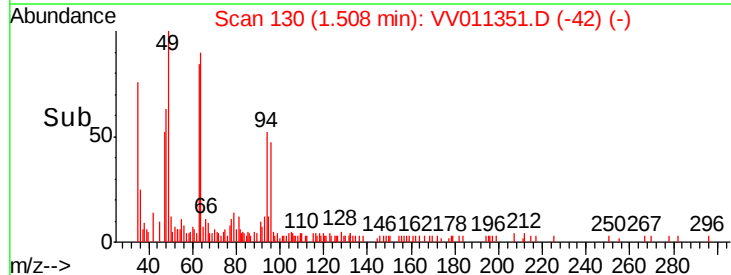
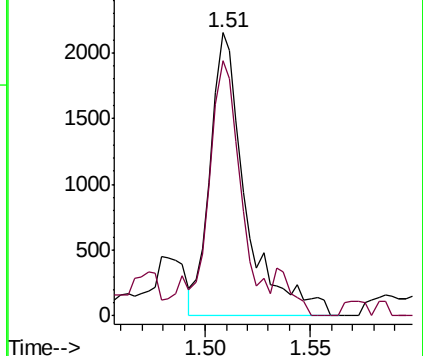
94 100

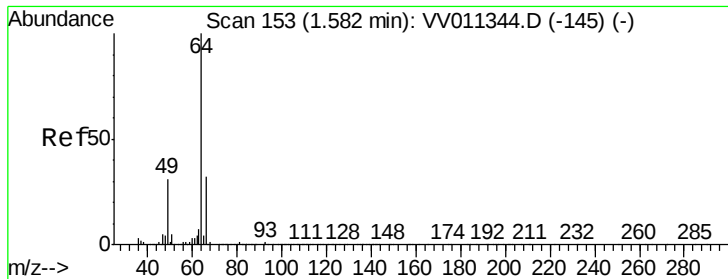
96 90.2 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.274 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.26 min

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ClientSampleId :

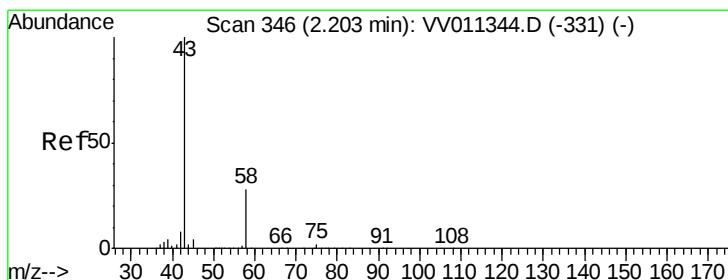
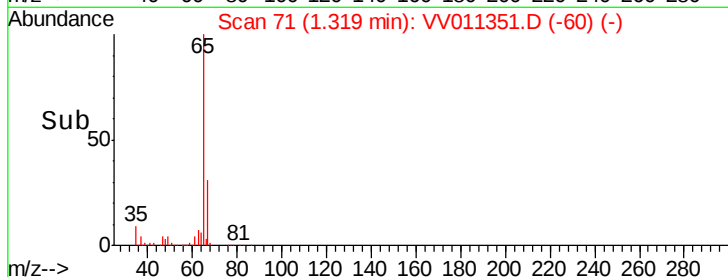
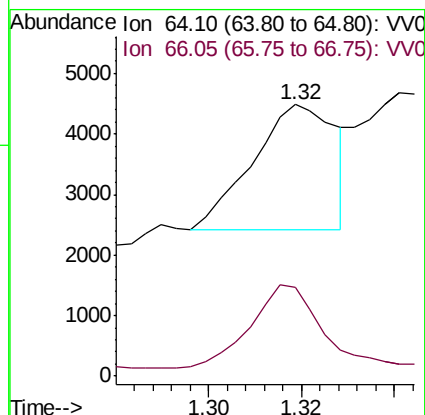
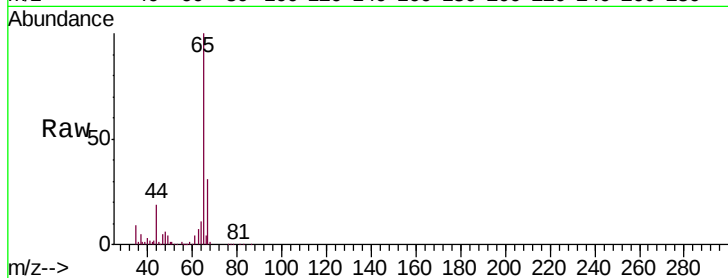
VHBLK01

Tgt Ion: 64 Resp: 2563

Ion Ratio Lower Upper

64 100

66 32.7 19.4 36.0



#13

Acetone

Concen: 2.743 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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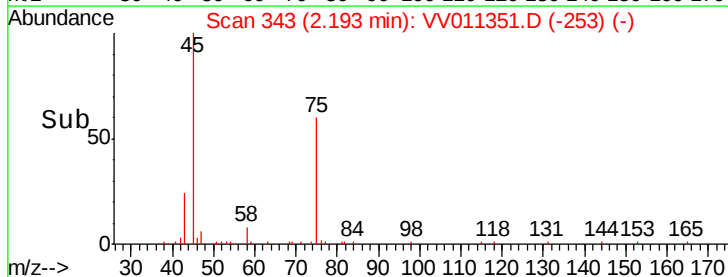
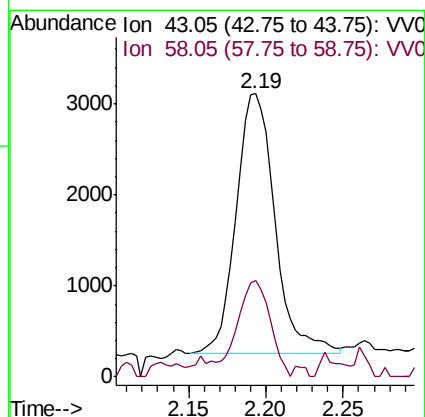
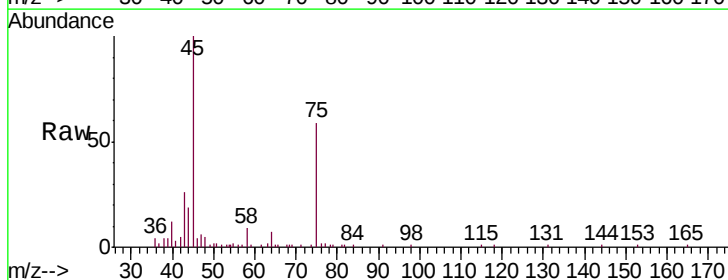
Acq: 10 Jun 2019 15:39

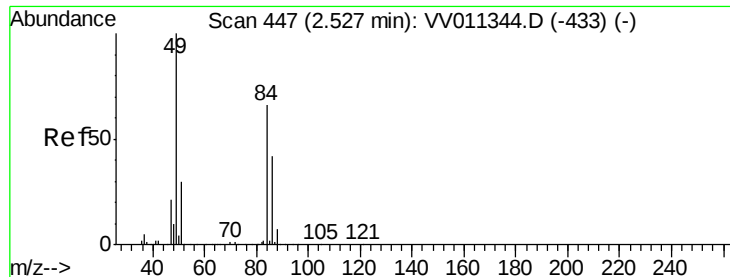
Tgt Ion: 43 Resp: 4983

Ion Ratio Lower Upper

43 100

58 31.3 0.0 55.2

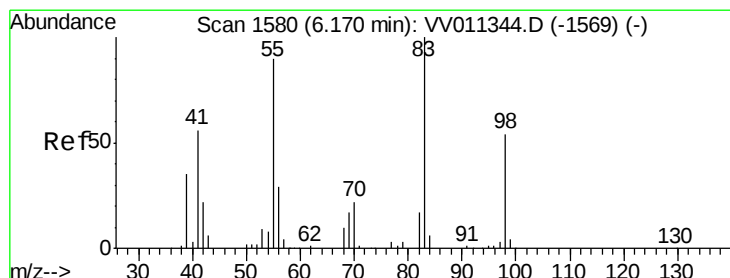
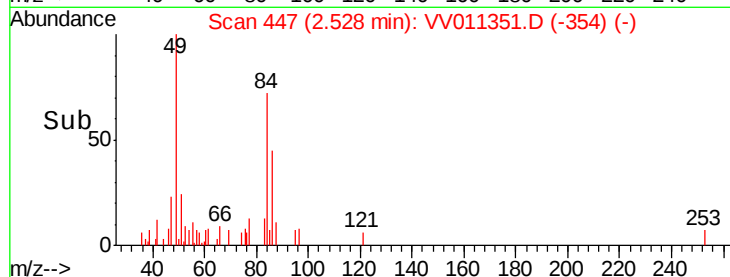
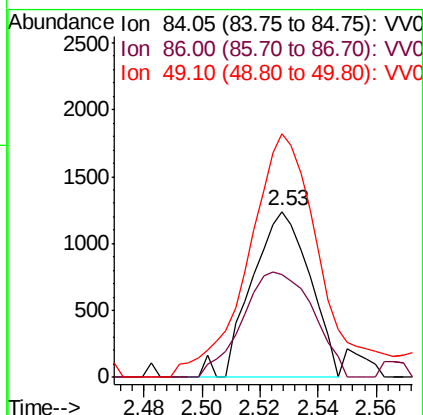
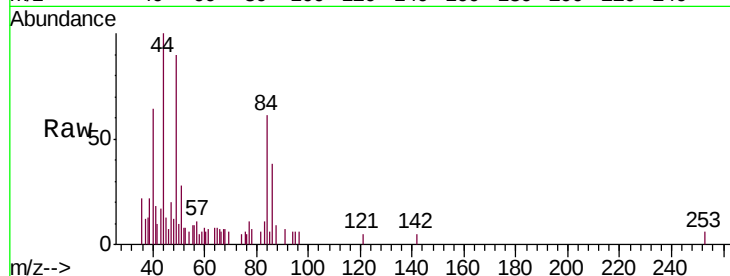




#16
Methylene chloride
Concen: 0.167 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011351.D
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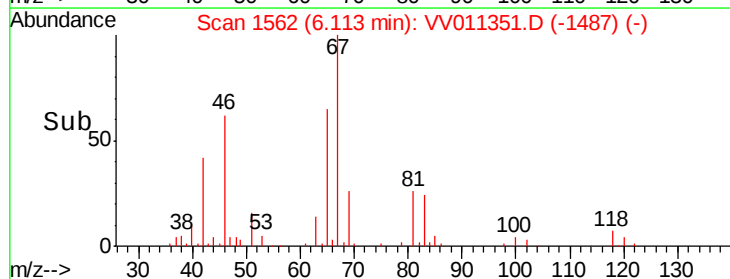
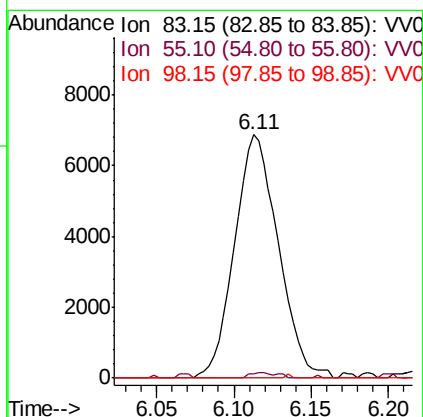
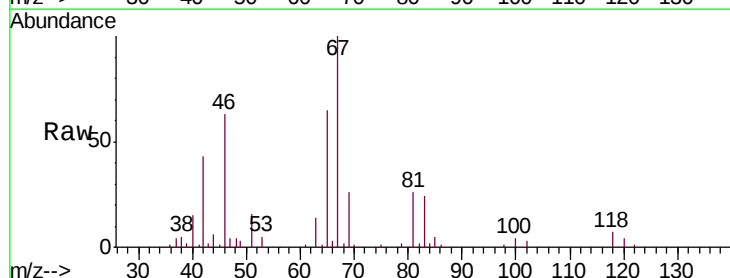
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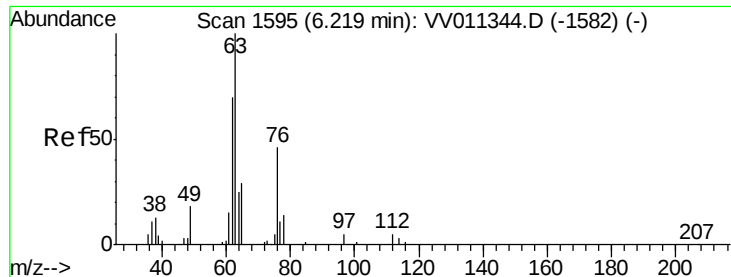
Tgt Ion: 84 Resp: 1722
Ion Ratio Lower Upper
84 100
86 62.3 44.9 83.3
49 147.0 102.1 189.5



#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011351.D
Acq: 10 Jun 2019 15:39

Tgt Ion: 83 Resp: 13534
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 0.0 40.0 60.0#





#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011351.D
 Acq: 10 Jun 2019 15:39

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 7357
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#

