

Data File : VV013440.D
Acq On : 30 Oct 2019 18:39
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 31 02:47:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347571	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189463	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118434	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.58	69	109741	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	159986	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.96	46	378777	50.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.40	84	296902	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	154550	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	590898	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	189691	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	487718	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.66	79	62920	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	237741	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131582	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	192154	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

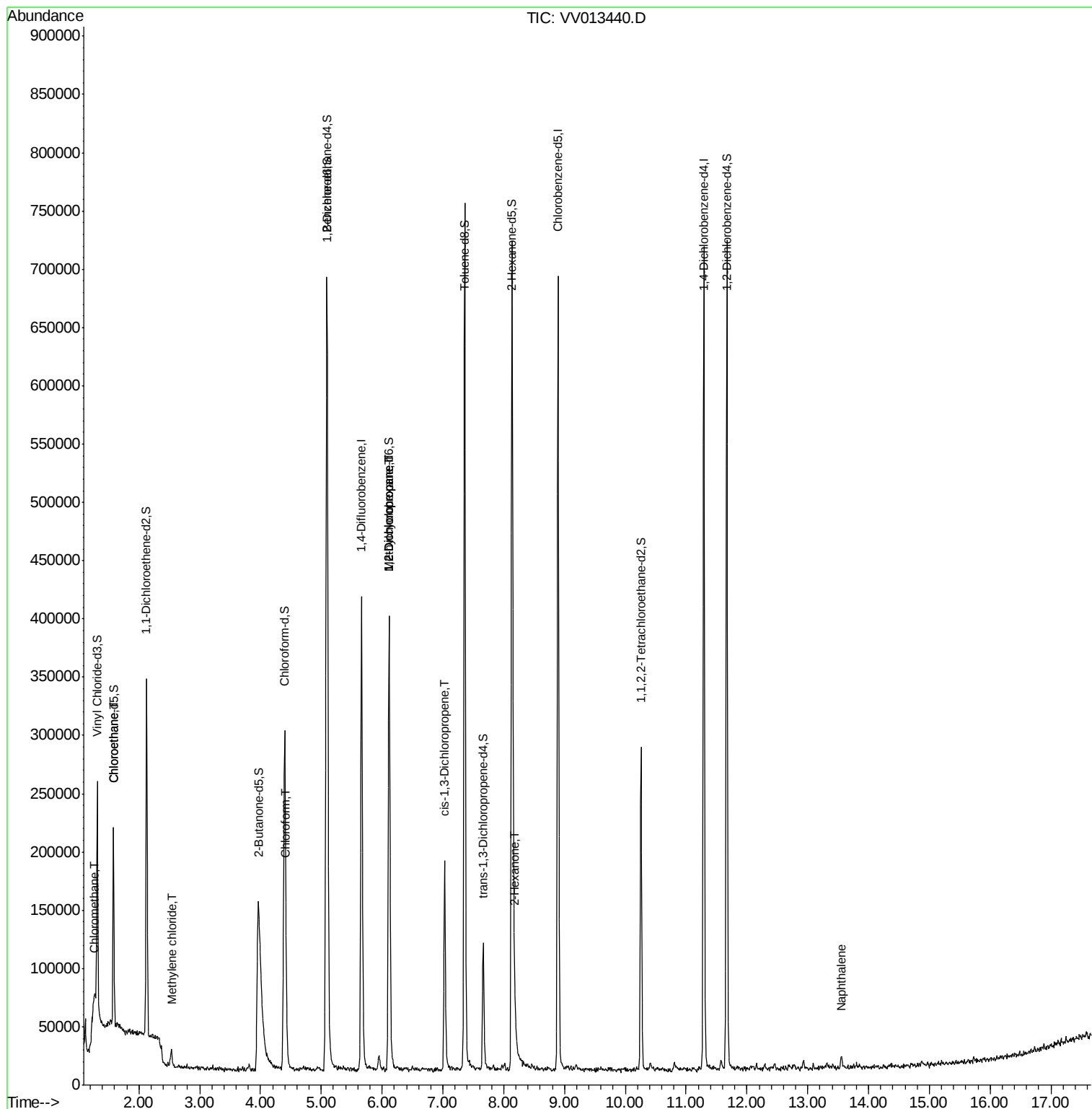
					Qvalue
3) Chloromethane	1.26	50	2874	0.073 ug/L	91
8) Chloroethane	1.58	64	3404	0.156 ug/L #	55
16) Methylene chloride	2.54	84	6483	0.168 ug/L	94
25) Chloroform	4.43	83	11424	0.166 ug/L	90
35) Methylcyclohexane	6.12	83	45675	0.800 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21357	0.606 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	4388	0.092 ug/L #	60
48) 2-Hexanone	8.18	43	20198	1.439 ug/L #	84
69) Naphthalene	13.55	128	8674	0.160 ug/L #	94

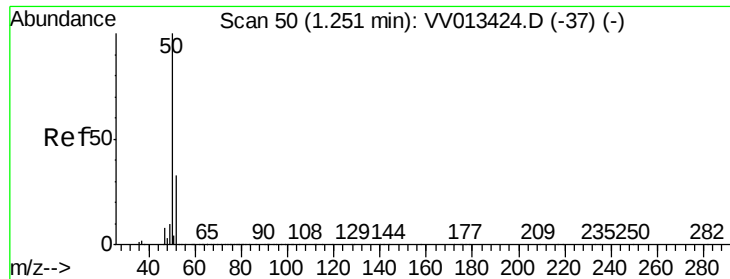
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 18:39

Instrument :

MSVOA_V

ClientSampleId :

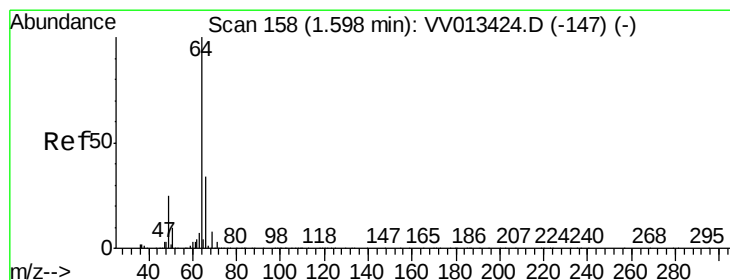
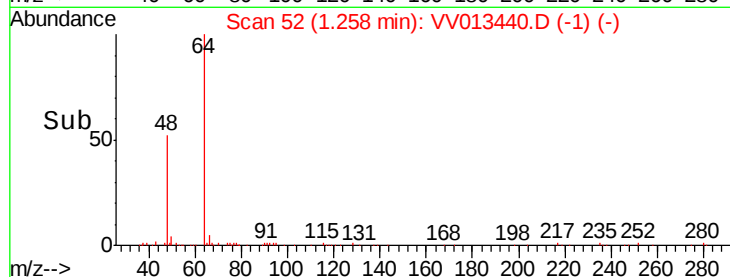
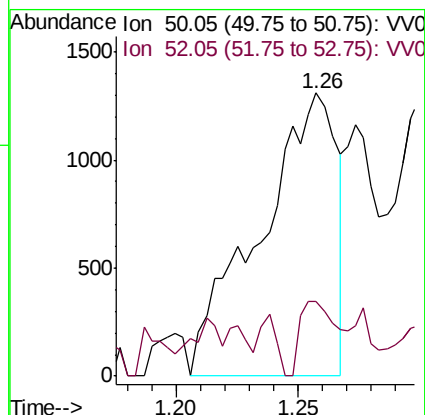
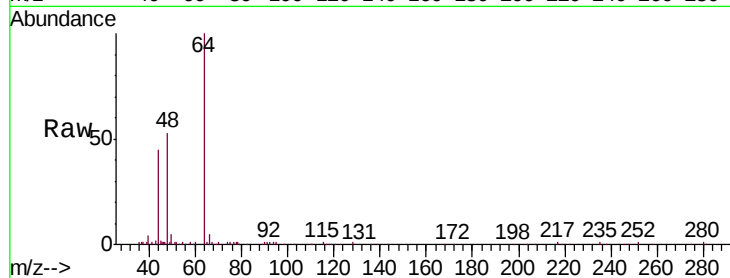
VHBLK01

Tgt Ion: 50 Resp: 2874

Ion Ratio Lower Upper

50 100

52 26.3 21.9 40.7



#8

Chloroethane

Concen: 0.156 ug/L

RT: 1.58 min Scan# 152

Delta R.T. -0.02 min

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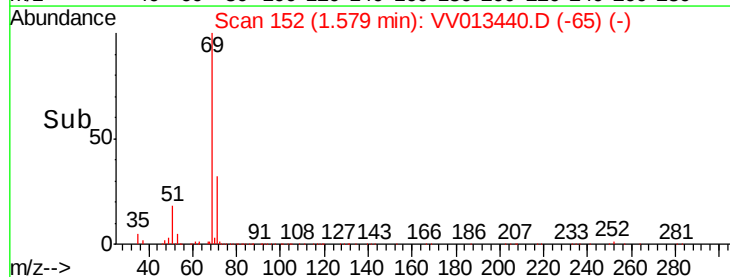
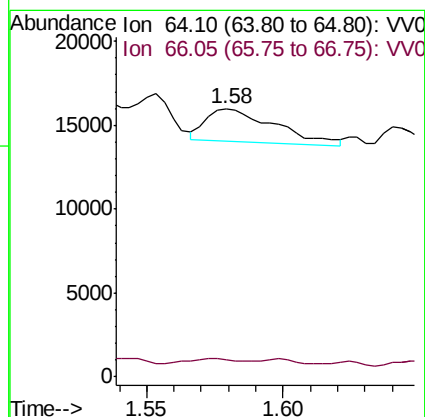
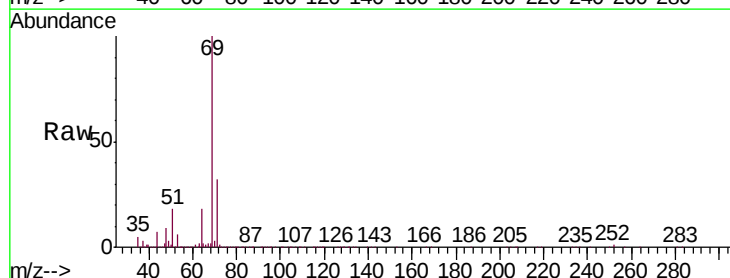
Acq: 30 Oct 2019 18:39

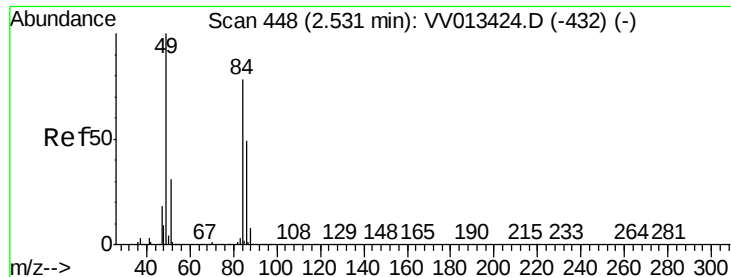
Tgt Ion: 64 Resp: 3404

Ion Ratio Lower Upper

64 100

66 6.4 22.0 41.0#

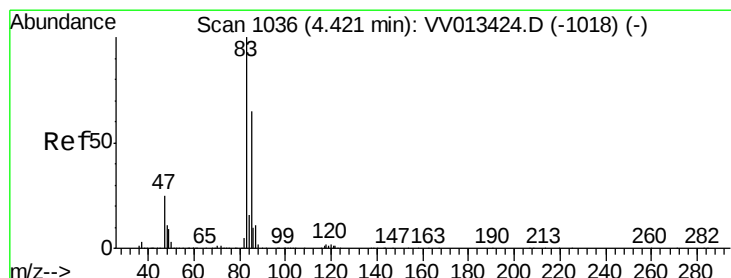
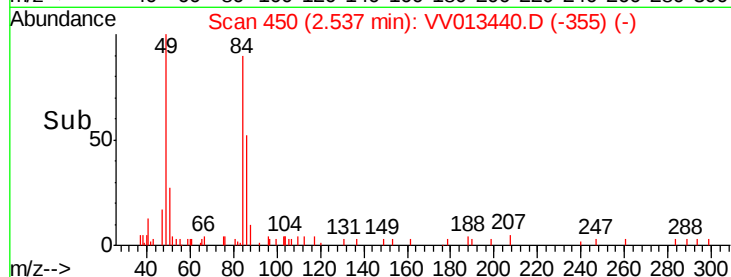
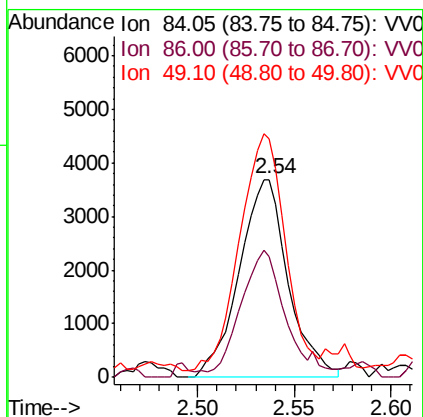
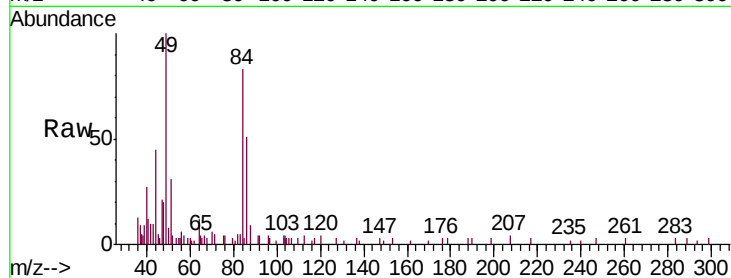




#16
Methylene chloride
Concen: 0.168 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013440.D
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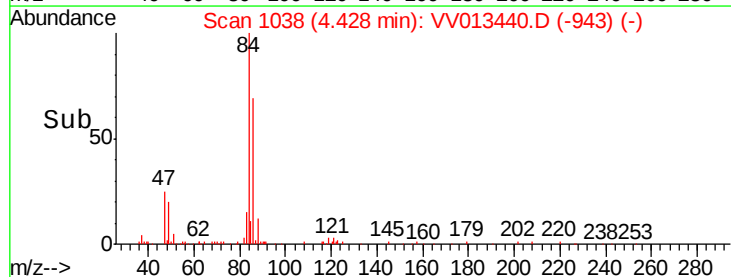
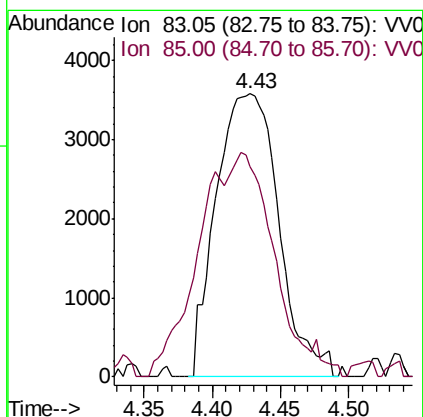
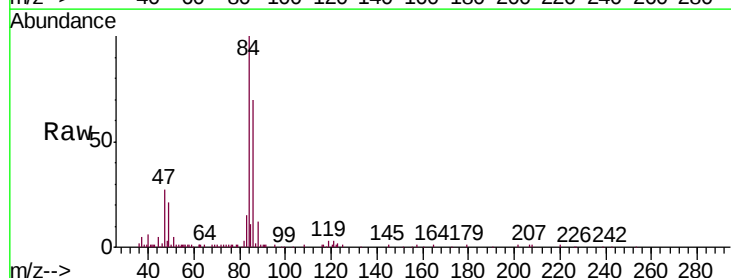
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

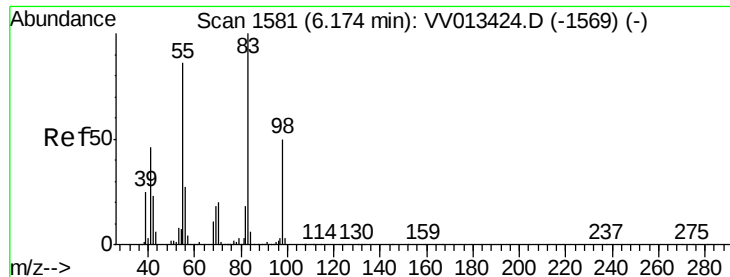
Tgt Ion: 84 Resp: 6483
Ion Ratio Lower Upper
84 100
86 61.1 43.8 81.4
49 120.5 90.4 168.0



#25
Chloroform
Concen: 0.166 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013440.D
Acq: 30 Oct 2019 18:39

Tgt Ion: 83 Resp: 11424
Ion Ratio Lower Upper
83 100
85 74.4 46.5 86.5

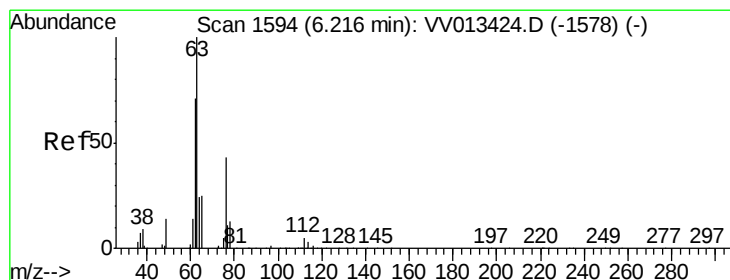
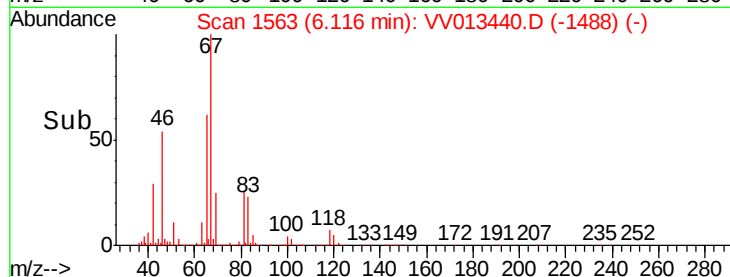
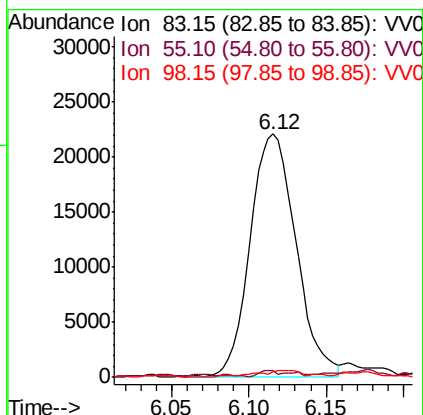
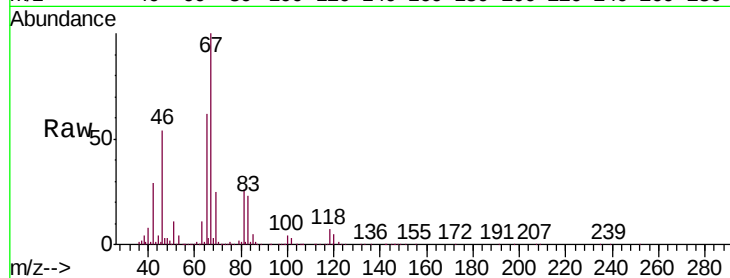




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013440.D
Acq: 30 Oct 2019 18:39

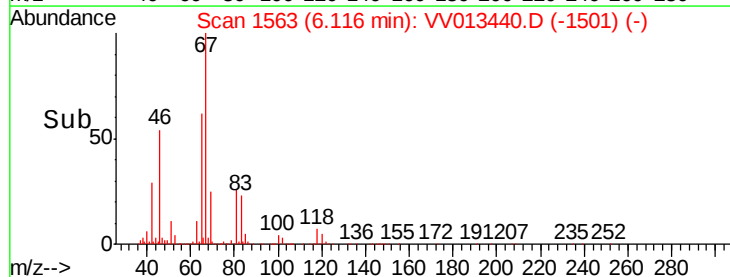
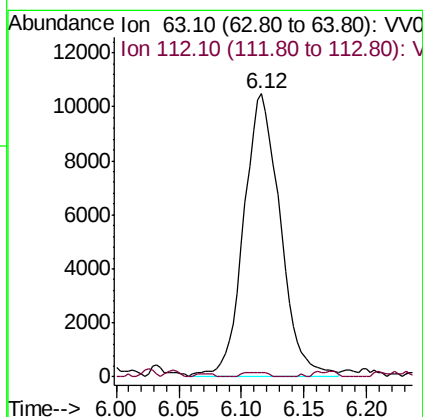
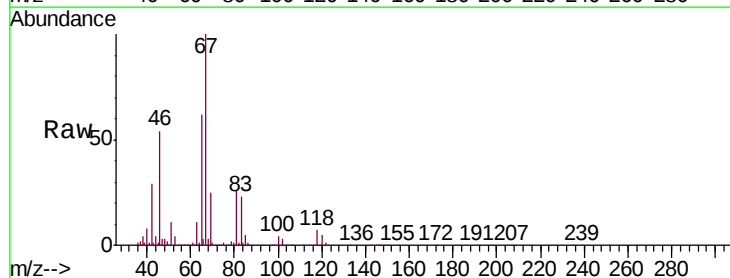
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

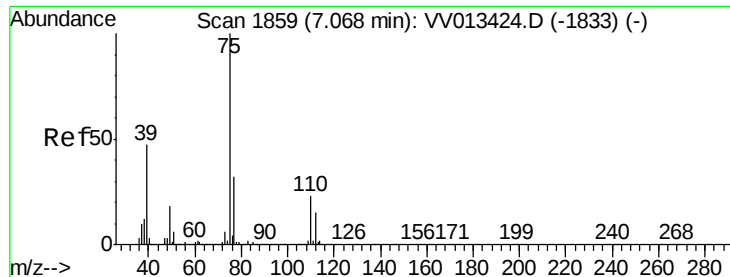
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.3	66.0	99.0#
98	1.5	38.2	57.4#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013440.D
Acq: 30 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.6	5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV013440.D

Acq: 30 Oct 2019 18:39

Instrument :

MSVOA_V

ClientSampleId :

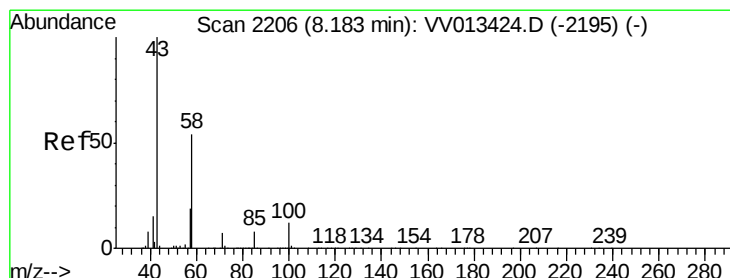
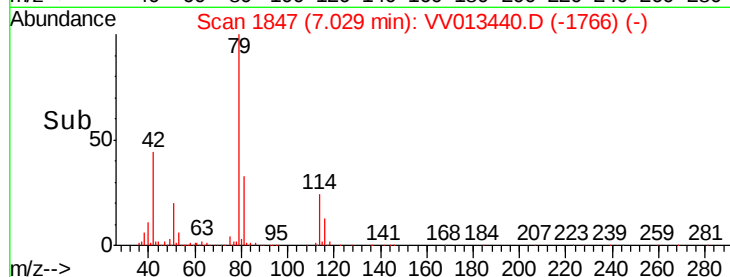
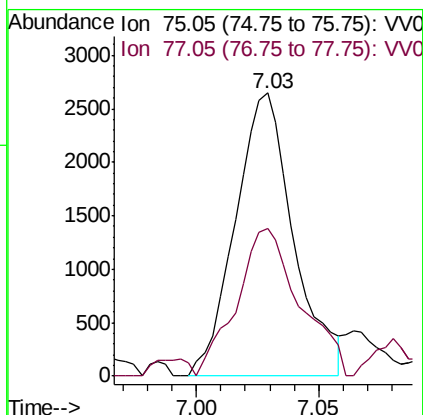
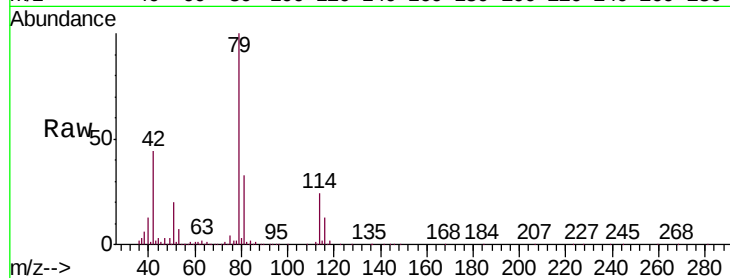
VHBLK01

Tgt Ion: 75 Resp: 4388

Ion Ratio Lower Upper

75 100

77 52.1 21.1 39.3#



#48

2-Hexanone

Concen: 1.439 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013440.D

Acq: 30 Oct 2019 18:39

Tgt Ion: 43 Resp: 20198

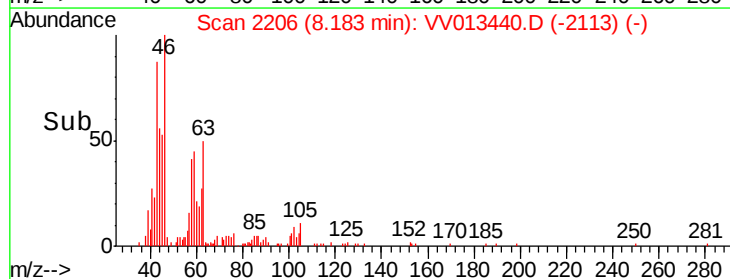
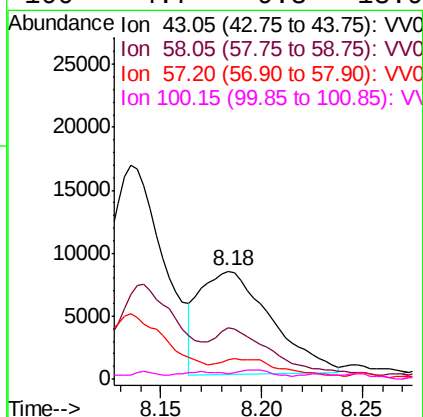
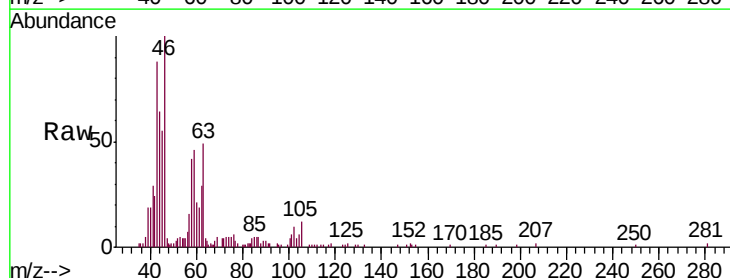
Ion Ratio Lower Upper

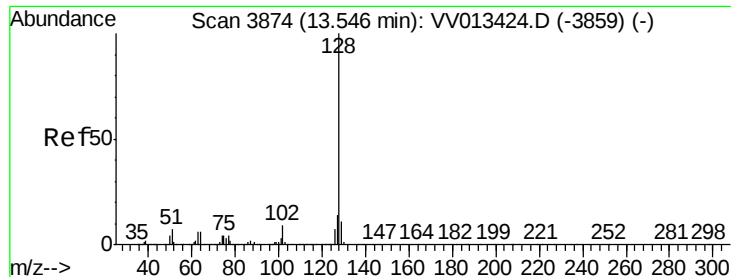
43 100

58 39.2 43.5 65.3#

57 18.5 14.3 21.5

100 4.7 9.3 13.9#





#69

Naphthalene

Concen: 0.160 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

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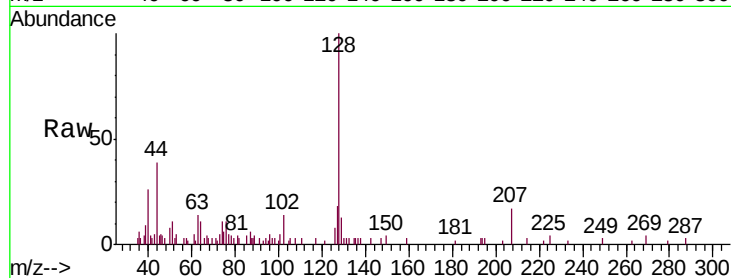
Tgt Ion:128 Resp: 8674

Ion Ratio Lower Upper

128 100

129 13.4 8.7 13.1#

127 15.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

