

Data File : VV014446.D
Acq On : 31 Jan 2020 10:55
Operator : SY/MD
Sample : VV0131WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK59

Quant Time: Jan 31 23:12:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 23:09:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220084	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51673	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.59	69	37387	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	57452	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.95	46	98159	38.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.50%
24) Chloroform-d	4.40	84	112954	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.08	65	56280	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	252613	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.11	67	77112	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.36	98	231086	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	30917	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	118150	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53240	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	79050	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

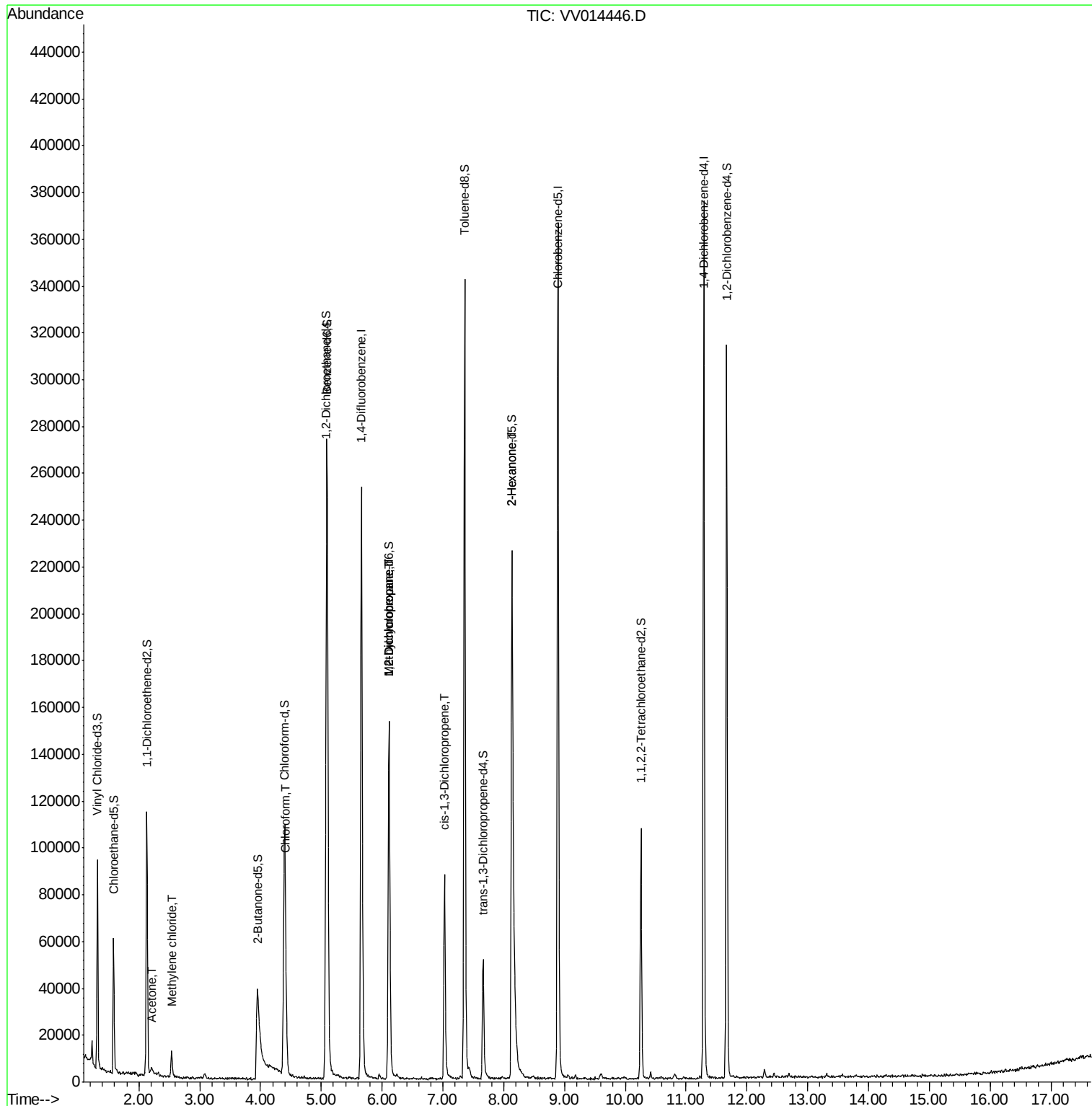
					Qvalue
13) Acetone	2.20	43	2304	1.469 ug/L	98
16) Methylene chloride	2.54	84	4904	0.285 ug/L	96
25) Chloroform	4.42	83	8229	0.293 ug/L	91
35) Methylcyclohexane	6.11	83	18103	0.639 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	8458	0.547 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2135	0.091 ug/L #	75
48) 2-Hexanone	8.14	43	13961	2.365 ug/L #	68

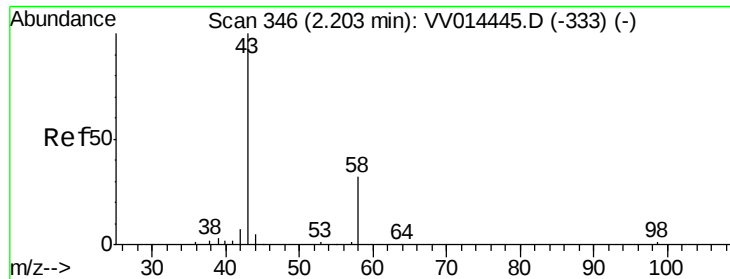
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#13

Acetone

Concen: 1.469 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

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Acq: 31 Jan 2020 10:55

Instrument :

MSVOA_V

ClientSampleId :

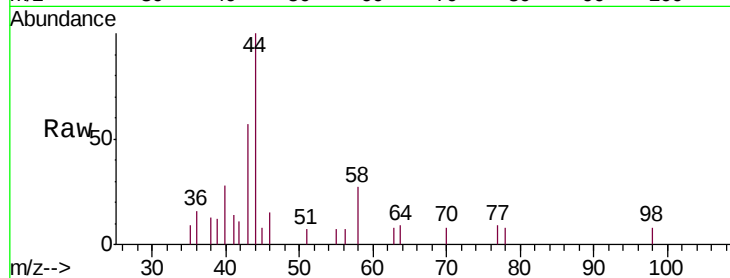
VBLK59

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

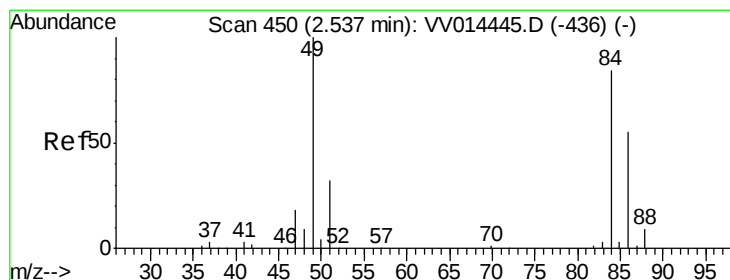
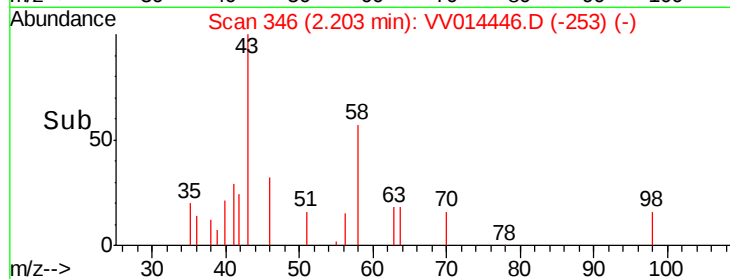
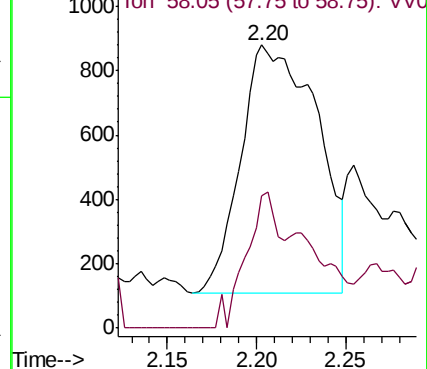
43 100

58 24.5 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.285 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014446.D

Acq: 31 Jan 2020 10:55

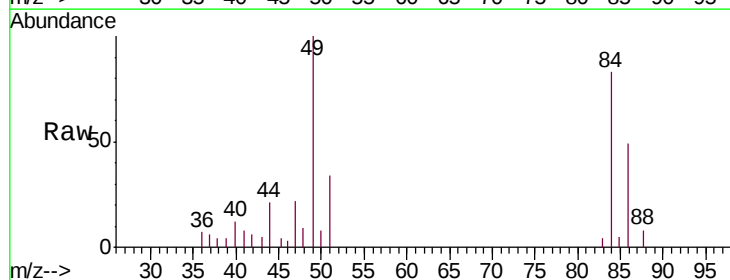
Tgt Ion: 84 Resp: 4904

Ion Ratio Lower Upper

84 100

86 59.1 45.6 84.6

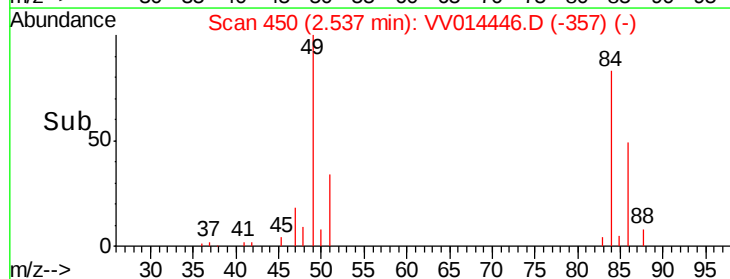
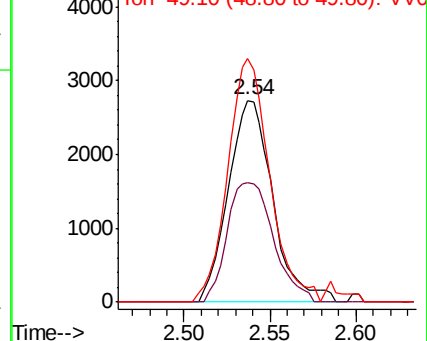
49 120.8 86.1 159.9

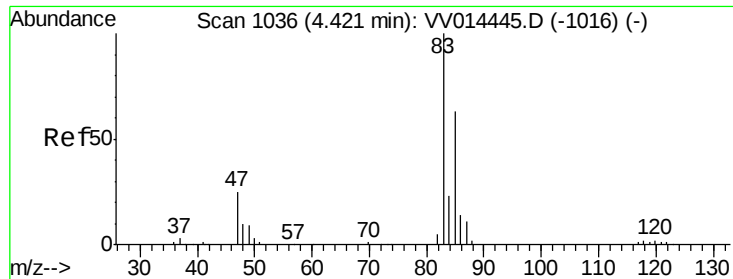


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

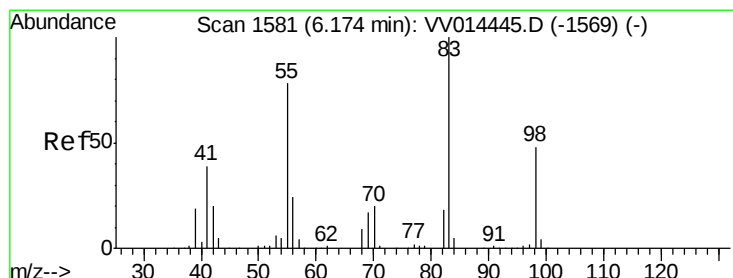
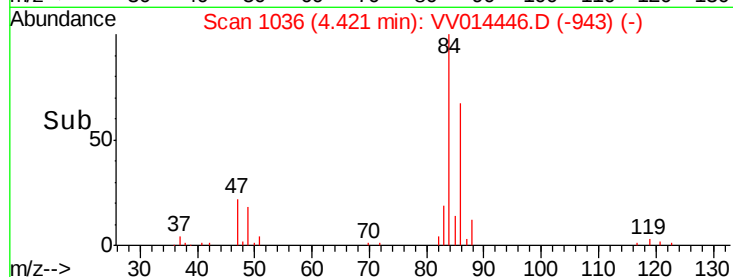
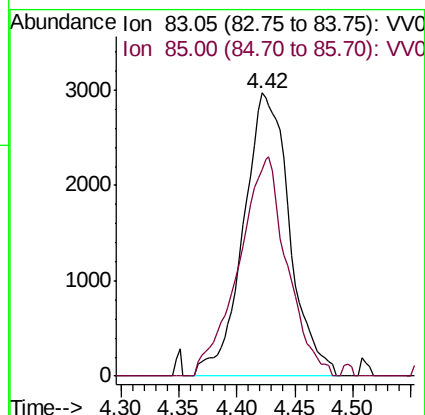
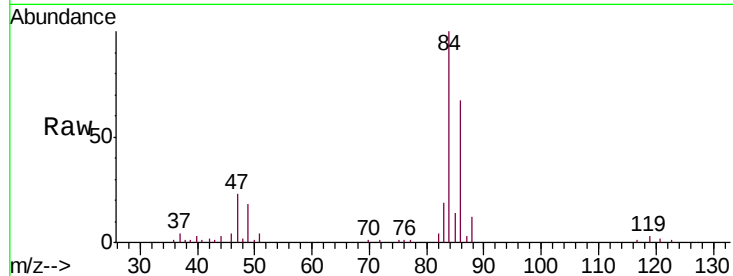




#25
Chloroform
Concen: 0.293 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014446.D
Acq: 31 Jan 2020 10:55

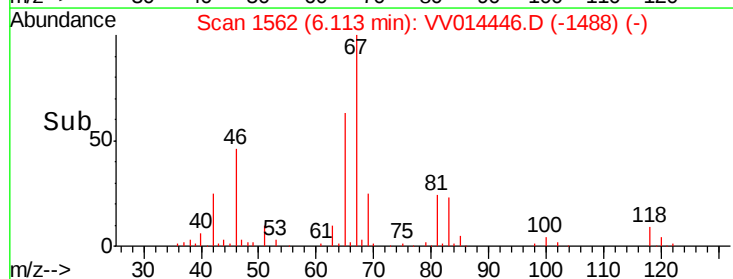
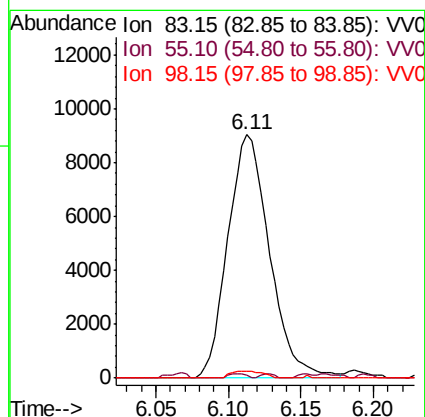
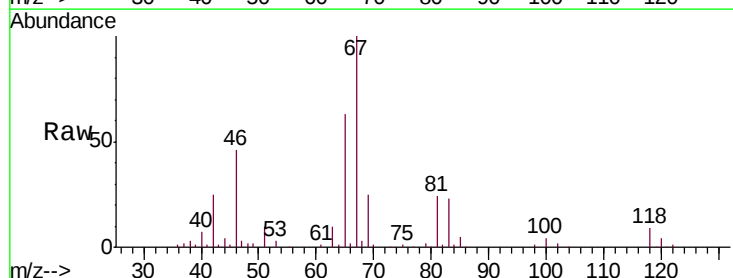
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VBLK59

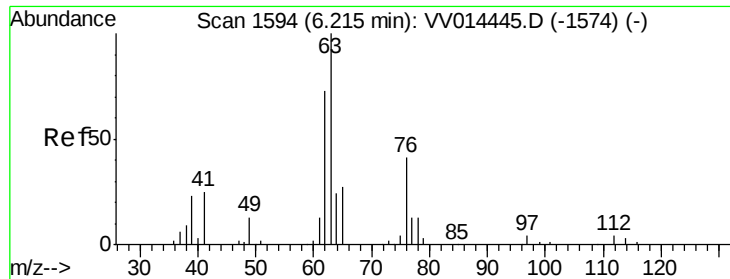
Tgt Ion: 83 Resp: 8229
Ion Ratio Lower Upper
83 100
85 73.1 45.9 85.3



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014446.D
Acq: 31 Jan 2020 10:55

Tgt Ion: 83 Resp: 18103
Ion Ratio Lower Upper
83 100
55 0.7 61.3 91.9#
98 2.1 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV014446.D

Acq: 31 Jan 2020 10:55

Instrument :

MSVOA_V

ClientSampleId :

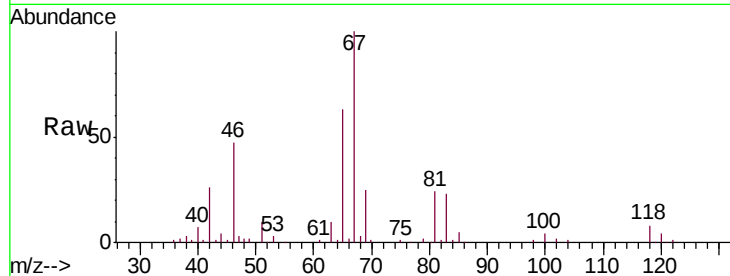
VBLK59

Tgt Ion: 63 Resp: 8458

Ion Ratio Lower Upper

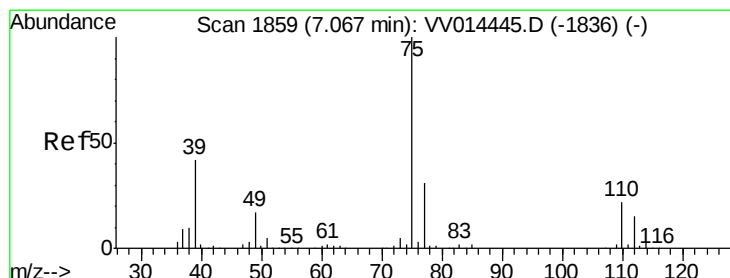
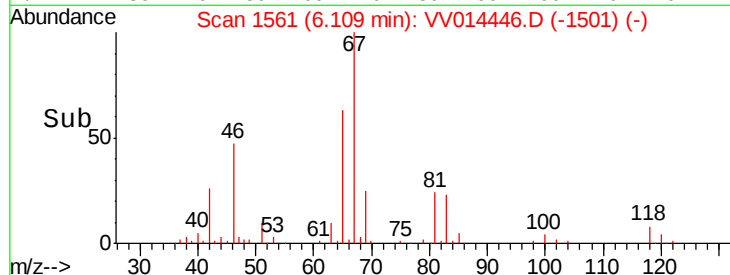
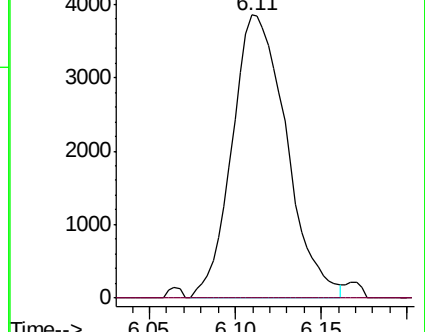
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV014445.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV014445.D (-1574) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014446.D

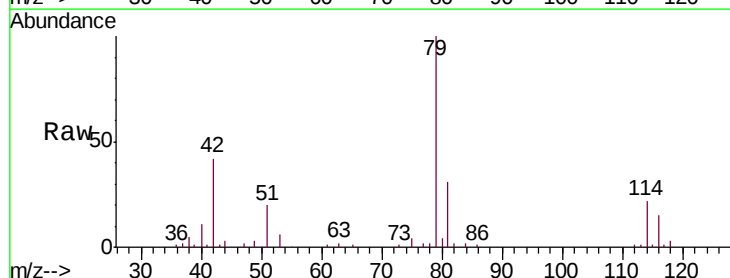
Acq: 31 Jan 2020 10:55

Tgt Ion: 75 Resp: 2135

Ion Ratio Lower Upper

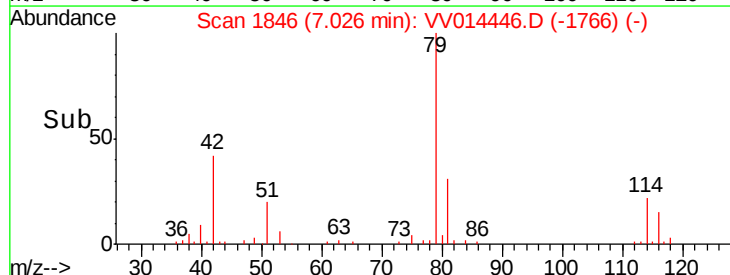
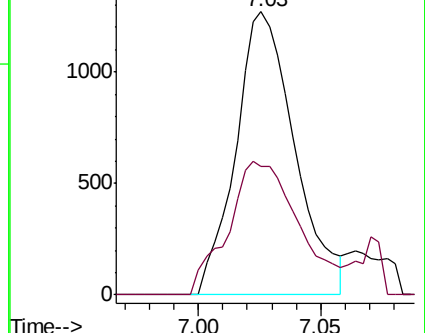
75 100

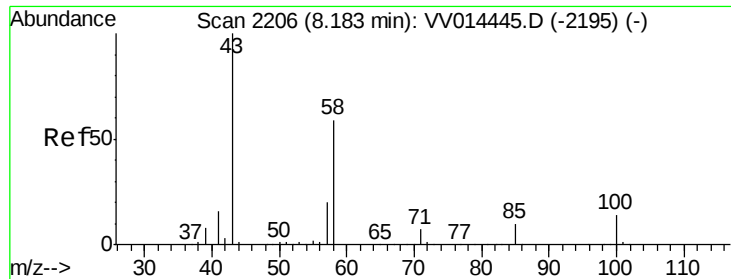
77 45.4 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV014445.D (-1836) (-)

Ion 77.05 (76.75 to 77.75): VV014445.D (-1836) (-)





#48
 2-Hexanone
 Concen: 2.365 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014446.D
 Acq: 31 Jan 2020 10:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK59

Tgt Ion: 43 Resp: 13961
 Ion Ratio Lower Upper
 43 100
 58 27.2 45.8 68.6#
 57 15.7 15.4 23.0
 100 0.0 9.8 14.8#

