

Data File : VV014210.D
Acq On : 28 Dec 2019 12:07
Operator : SY/MD
Sample : VV1228WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK41

Quant Time: Dec 30 00:32:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	852273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	781709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	360891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179987	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	161817	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	253707	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.95	46	436032	43.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.96%
24) Chloroform-d	4.40	84	445620	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	233838	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.09	84	989699	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.11	67	307022	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.35	98	919438	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	132083	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.13	63	506164	46.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	213130	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	303200	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

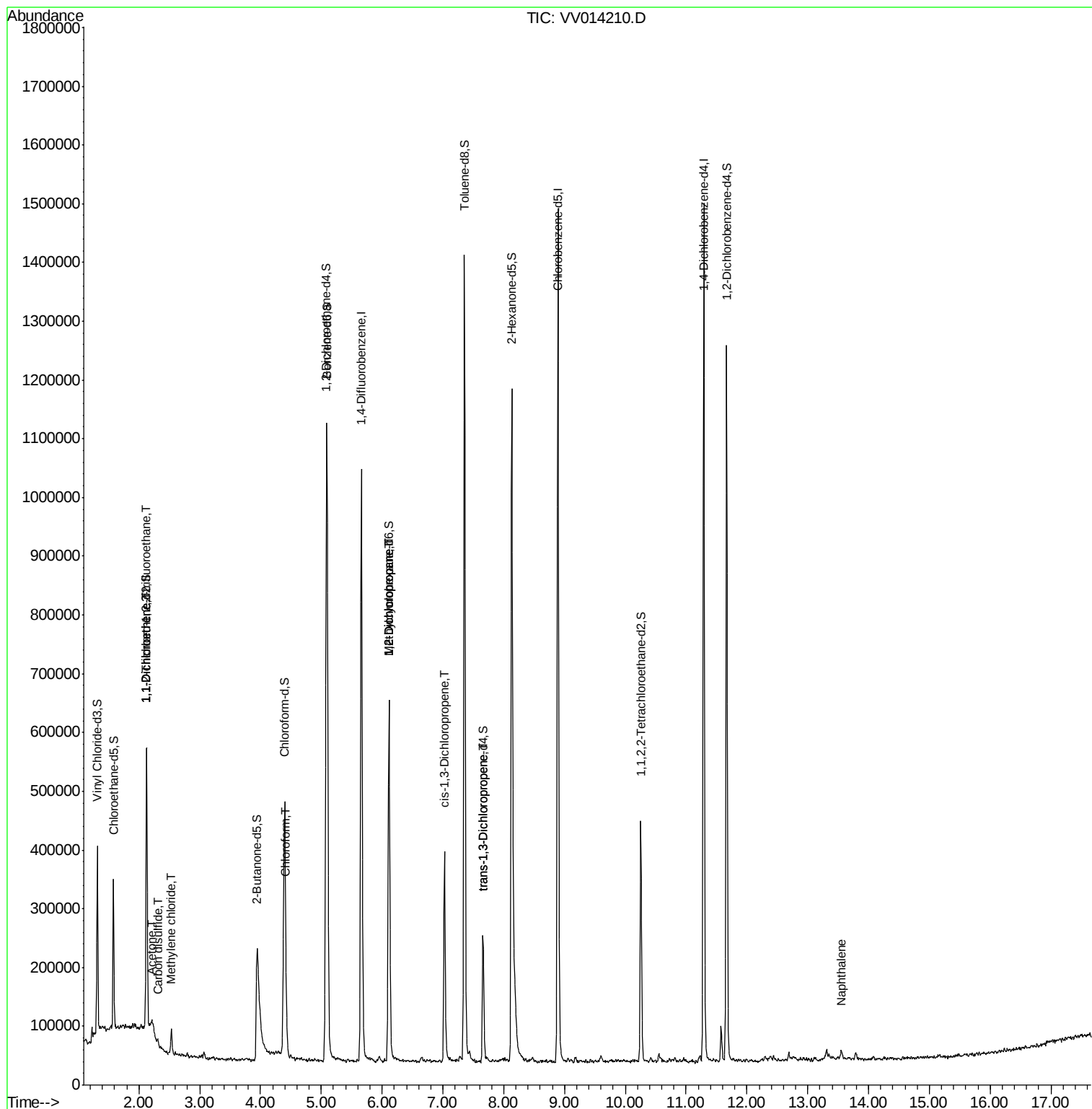
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2804	0.073 ug/L #	28
12) 1,1-Dichloroethene	2.13	96	3183	0.085 ug/L #	1
13) Acetone	2.21	43	11692	1.912 ug/L	96
14) Carbon disulfide	2.32	76	8043	0.049 ug/L #	85
16) Methylene chloride	2.53	84	17123	0.270 ug/L	96
25) Chloroform	4.42	83	30646	0.277 ug/L	93
35) Methylcyclohexane	6.11	83	72990	0.676 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	32714	0.557 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	8795	0.092 ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	6287	0.084 ug/L #	70
69) Naphthalene	13.55	128	12292	0.088 ug/L #	94

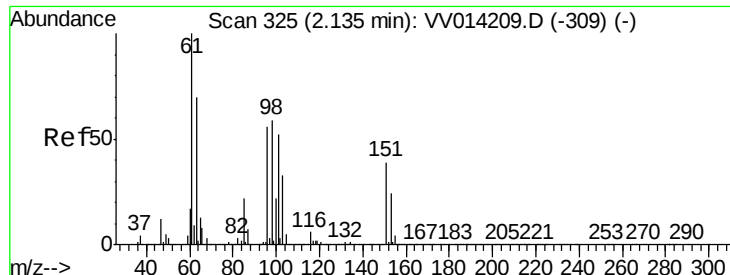
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014210.D

Acq: 28 Dec 2019 12:07

Instrument :

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ClientSampleId :

VBLK41

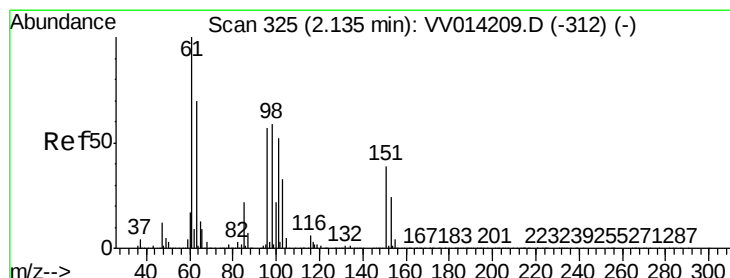
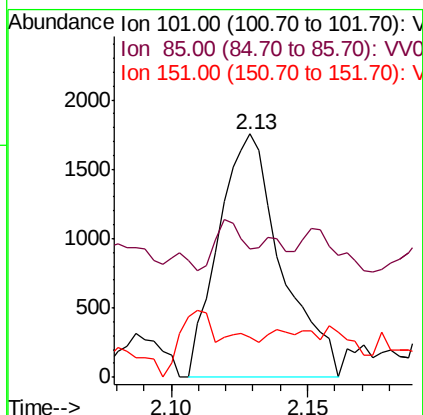
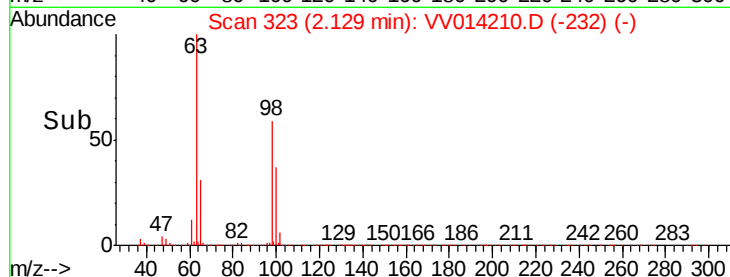
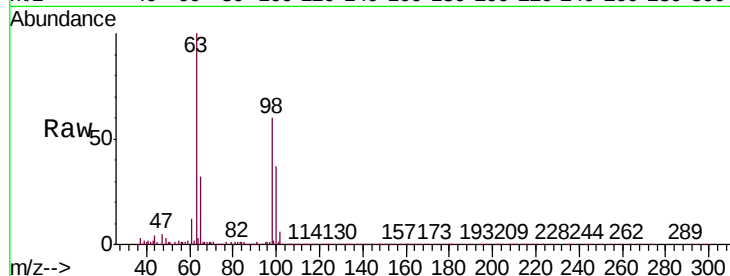
Tgt Ion: 101 Resp: 2804

Ion Ratio Lower Upper

101 100

85 9.3 34.9 52.3#

151 6.0 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014210.D

Acq: 28 Dec 2019 12:07

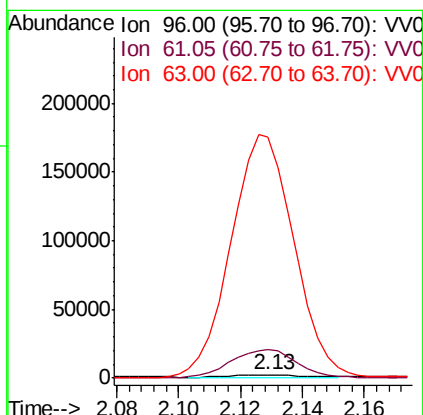
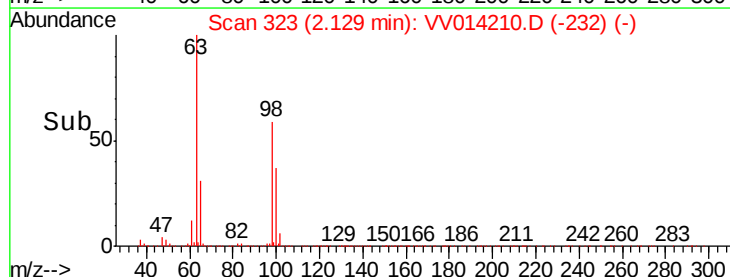
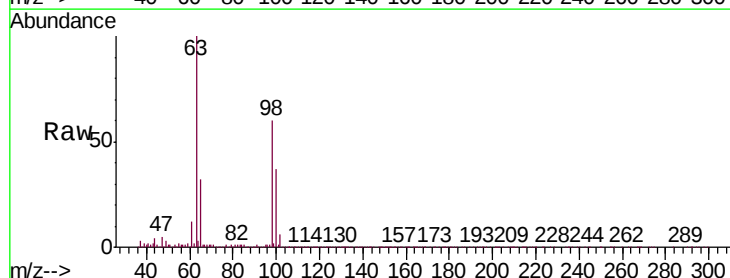
Tgt Ion: 96 Resp: 3183

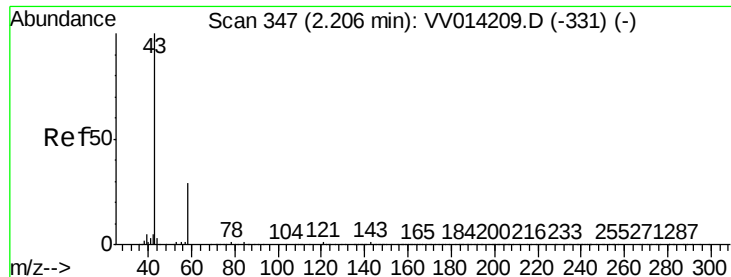
Ion Ratio Lower Upper

96 100

61 911.0 121.5 225.7#

63 7621.6 90.3 167.7#





#13

Acetone

Concen: 1.912 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV014210.D

Acq: 28 Dec 2019 12:07

Instrument :

MSVOA_V

ClientSampleId :

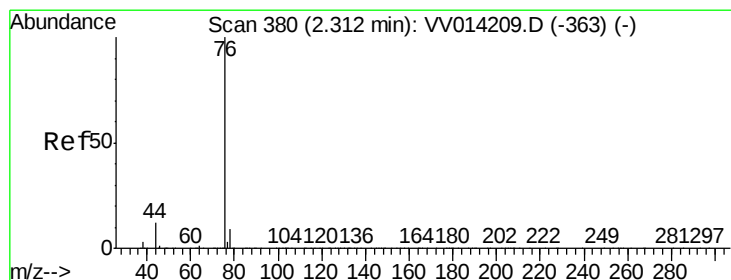
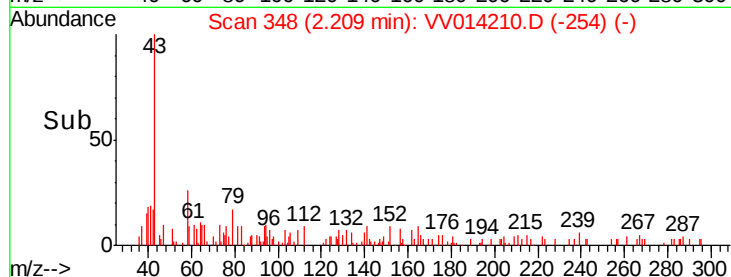
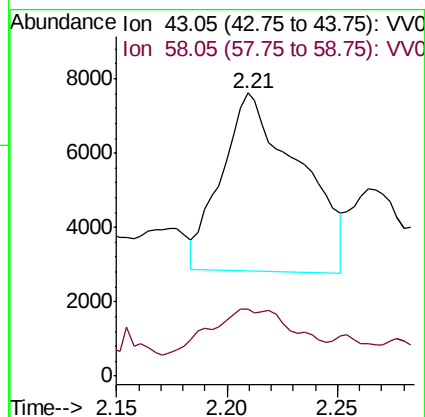
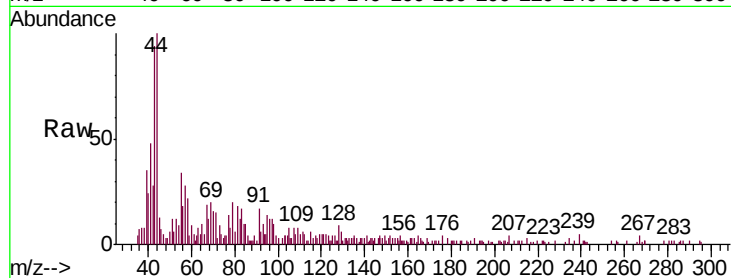
VBLK41

Tgt Ion: 43 Resp: 11692

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.0



#14

Carbon disulfide

Concen: 0.049 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014210.D

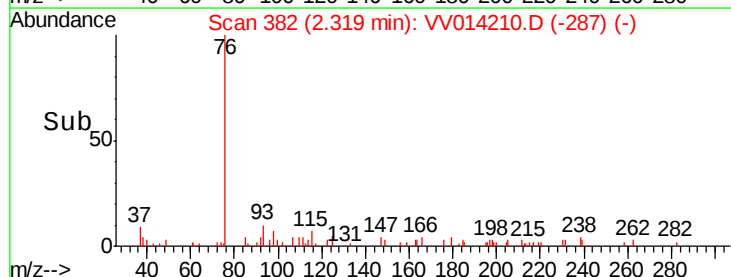
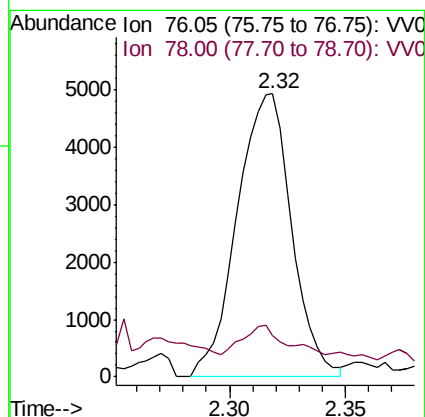
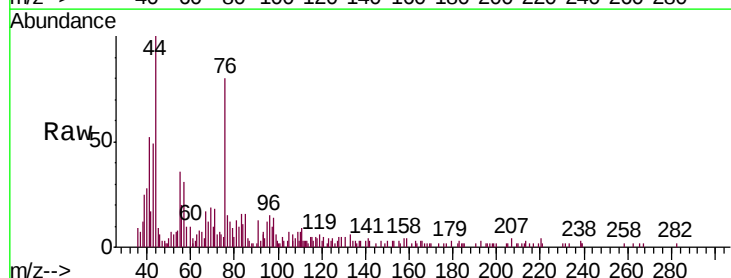
Acq: 28 Dec 2019 12:07

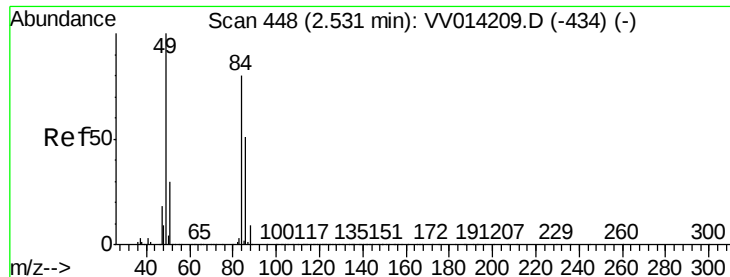
Tgt Ion: 76 Resp: 8043

Ion Ratio Lower Upper

76 100

78 14.9 7.5 11.3#

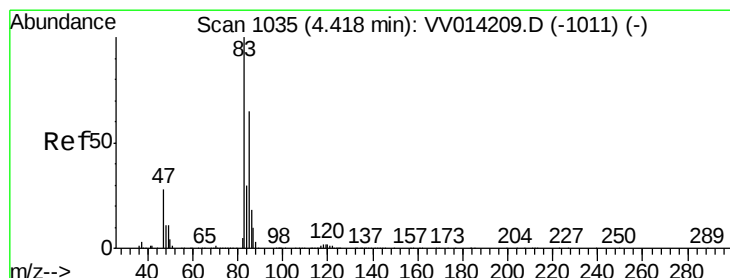
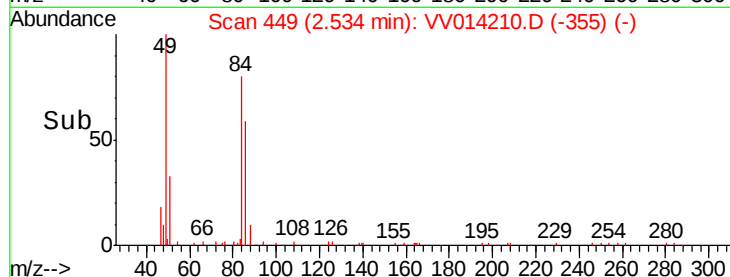
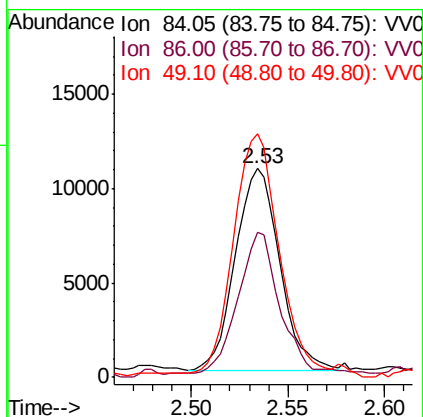
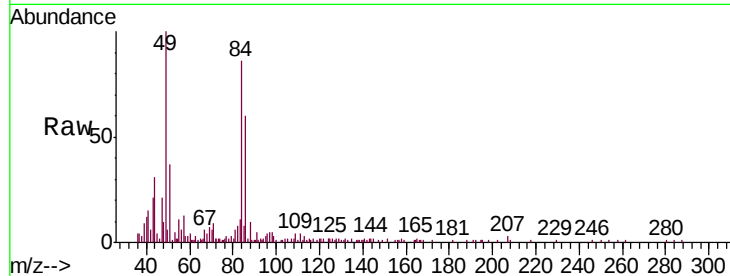




#16
Methylene chloride
Concen: 0.270 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014210.D
Acq: 28 Dec 2019 12:07

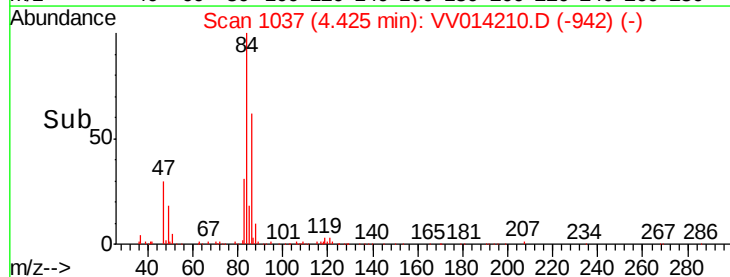
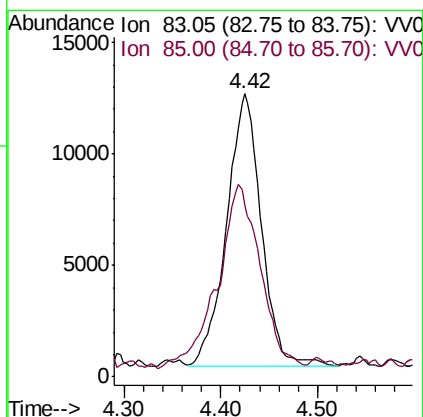
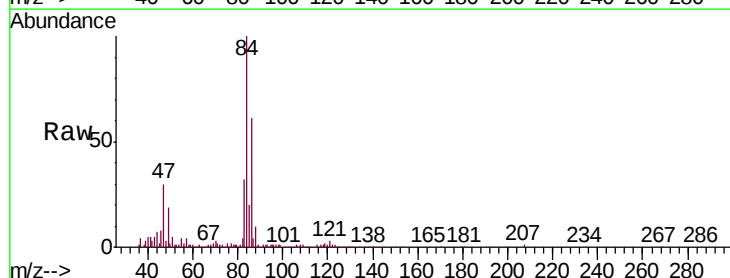
Instrument :
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VBLK41

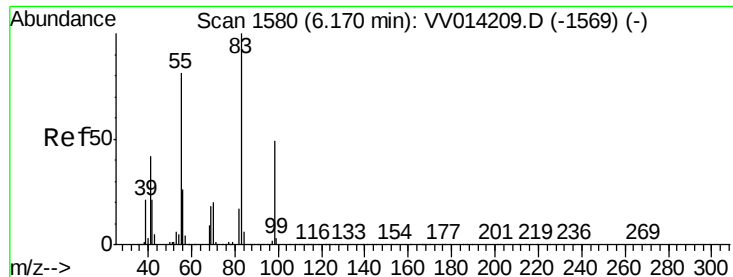
Tgt Ion: 84 Resp: 17123
Ion Ratio Lower Upper
84 100
86 69.7 43.1 80.1
49 116.7 82.1 152.5



#25
Chloroform
Concen: 0.277 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014210.D
Acq: 28 Dec 2019 12:07

Tgt Ion: 83 Resp: 30646
Ion Ratio Lower Upper
83 100
85 60.7 46.2 85.8





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014210.D

Acq: 28 Dec 2019 12:07

Instrument :

MSVOA_V

ClientSampleId :

VBLK41

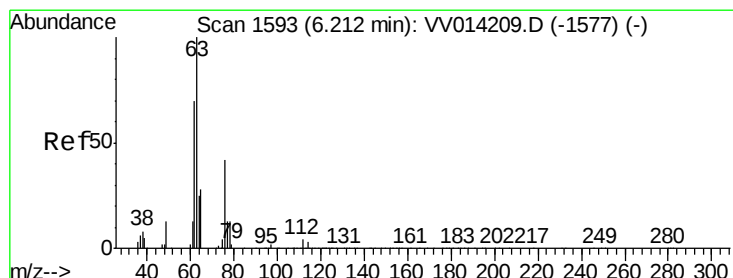
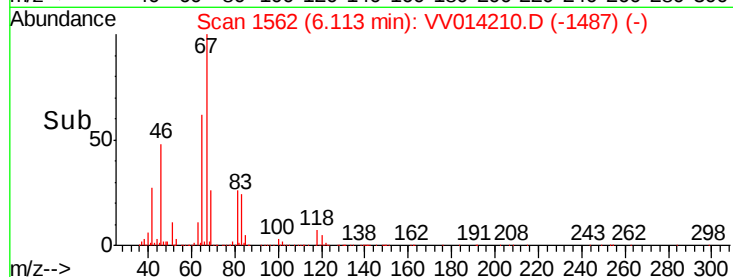
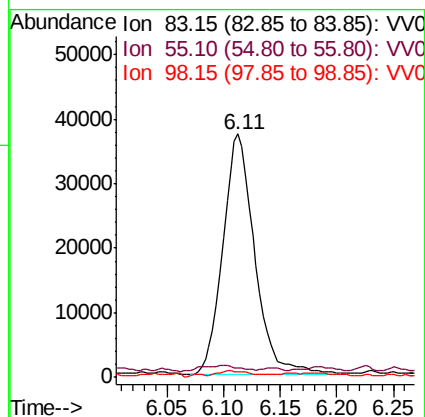
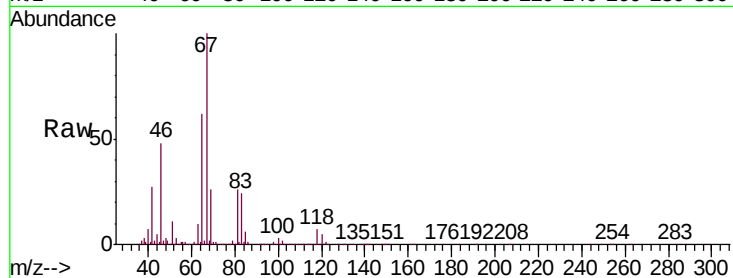
Tgt Ion: 83 Resp: 72990

Ion Ratio Lower Upper

83 100

55 1.4 61.7 92.5#

98 1.5 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014210.D

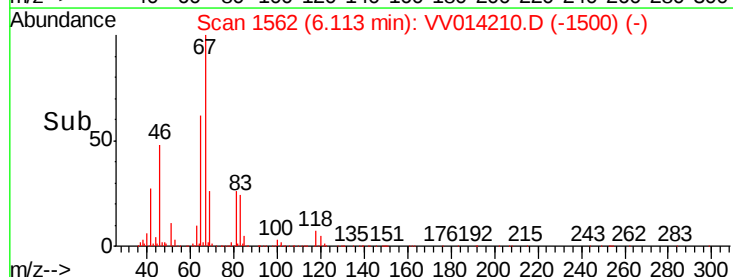
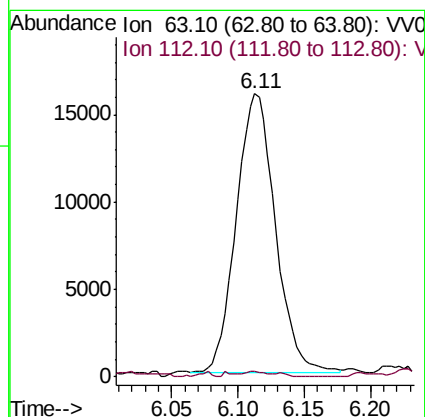
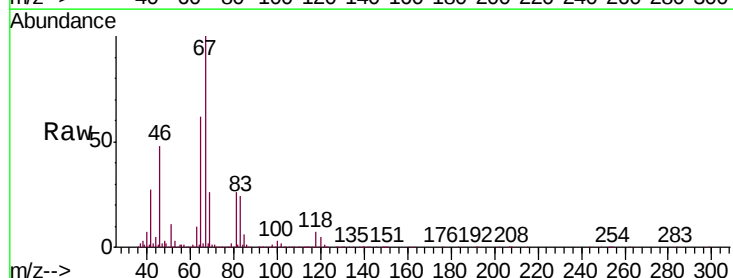
Acq: 28 Dec 2019 12:07

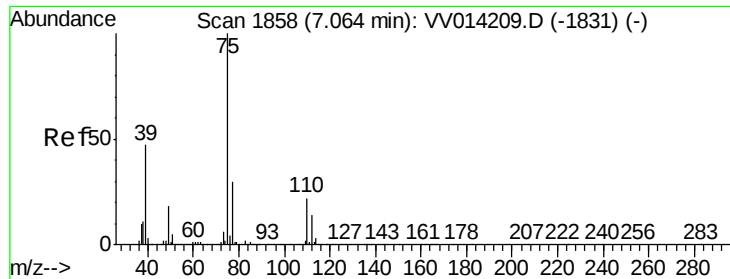
Tgt Ion: 63 Resp: 32714

Ion Ratio Lower Upper

63 100

112 1.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014210.D

Acq: 28 Dec 2019 12:07

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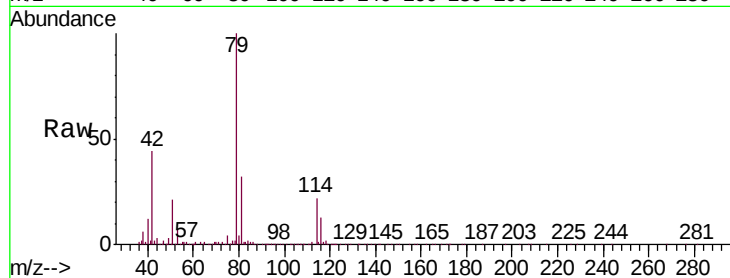
VBLK41

Tgt Ion: 75 Resp: 8795

Ion Ratio Lower Upper

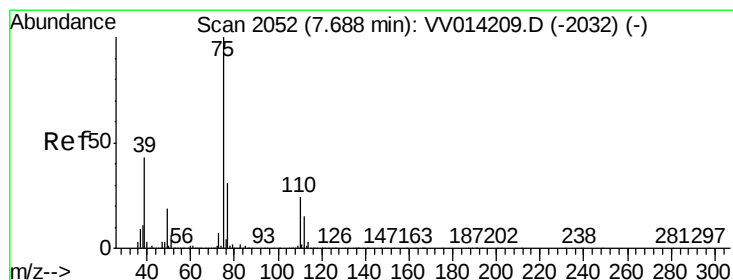
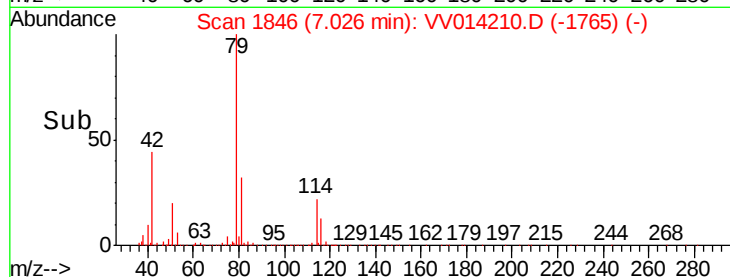
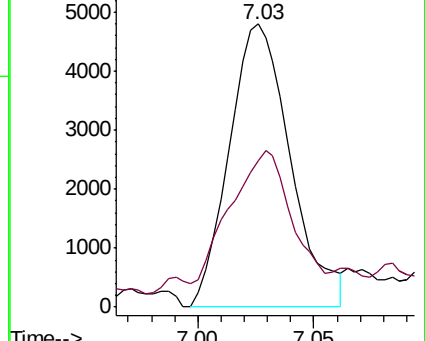
75 100

77 51.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014210.D

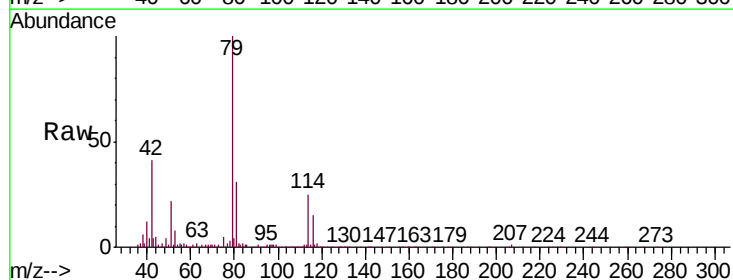
Acq: 28 Dec 2019 12:07

Tgt Ion: 75 Resp: 6287

Ion Ratio Lower Upper

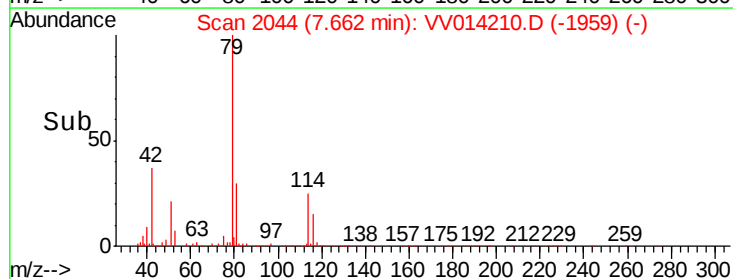
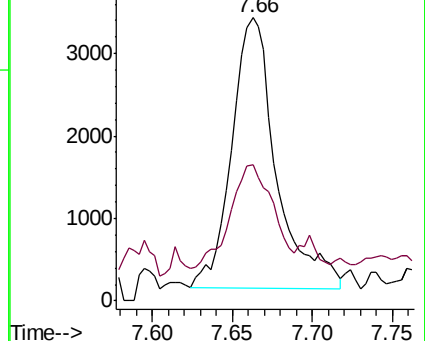
75 100

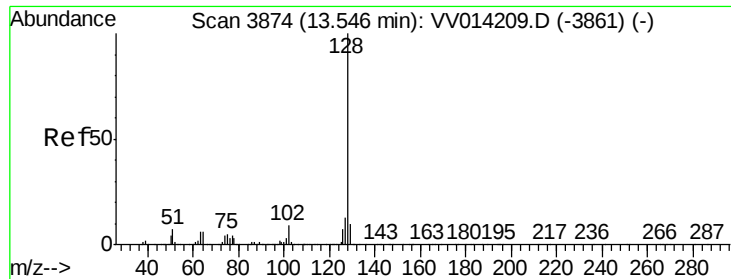
77 48.2 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#69

Naphthalene

Concen: 0.088 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

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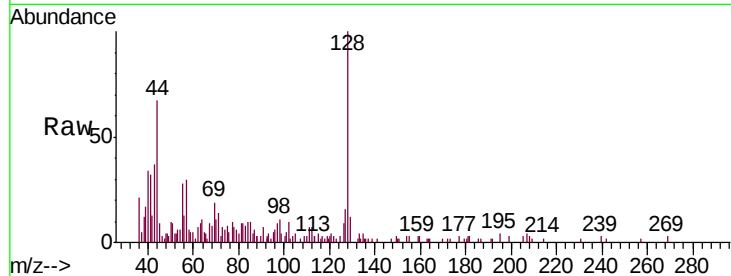
Tgt Ion:128 Resp: 12292

Ion Ratio Lower Upper

128 100

129 14.6 8.6 13.0#

127 13.7 10.2 15.2



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

