

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012120\
 Data File : VV014369.D
 Acq On : 21 Jan 2020 12:56
 Operator : SY/MD
 Sample : L1194-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jan 21 15:51:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 21 15:31:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	778762	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	707194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	325811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	223992	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	186938	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	255169	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.95	46	565675	43.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.44%
24) Chloroform-d	4.40	84	514474	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	253994	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	1024714	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	334622	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.35	98	852345	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	129488	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	637809	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	235787	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	303615	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

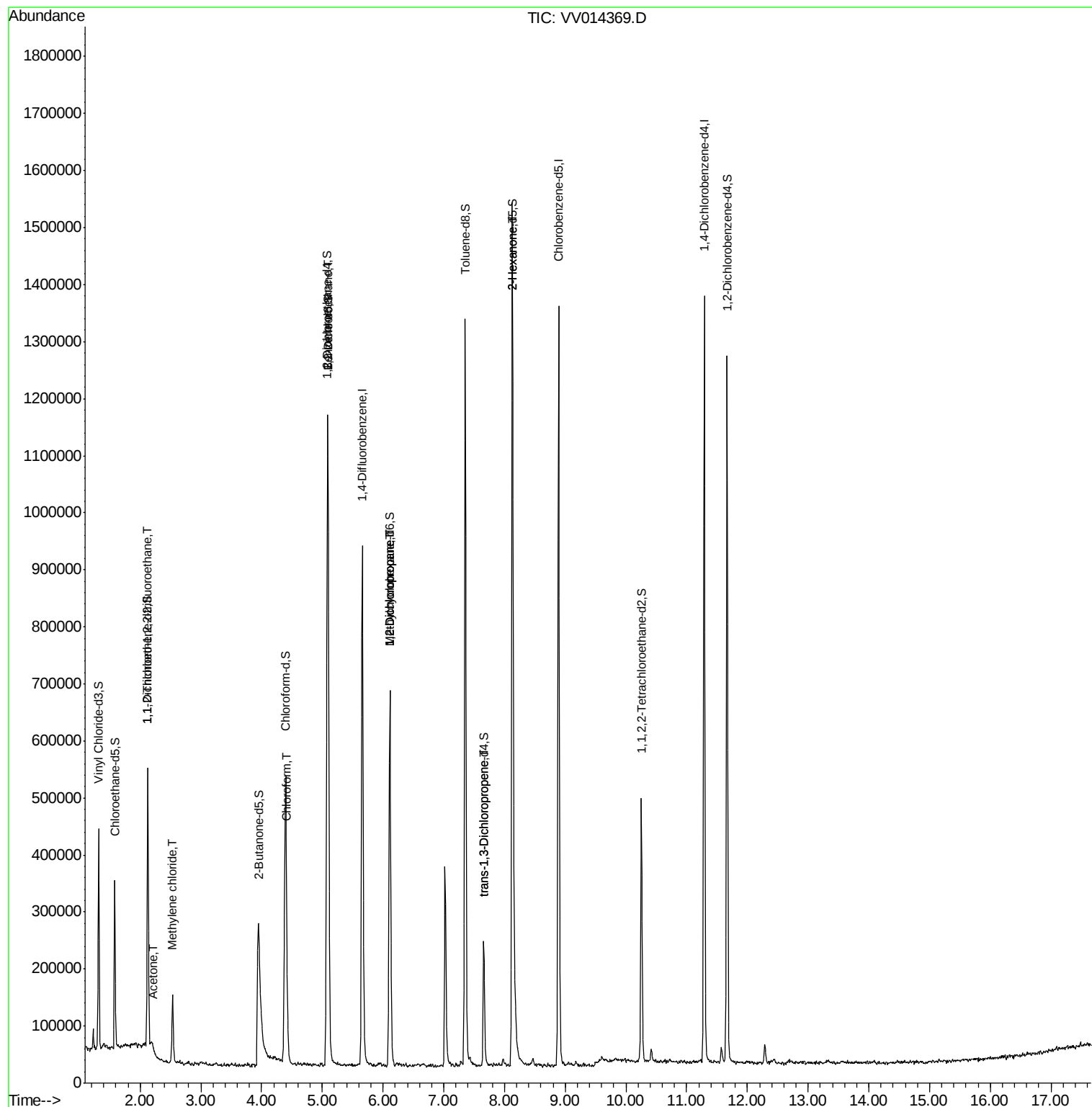
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3020	0.09	ug/L	# 39
13) Acetone	2.21	43	21288	2.36	ug/L	96
16) Methylene chloride	2.53	84	49221	0.87	ug/L	88
25) Chloroform	4.42	83	33643	0.34	ug/L	97
27) 1,2-Dichloroethane	5.09	62	5541	0.09	ug/L	98
35) Methylcyclohexane	6.11	83	77135	0.84	ug/L	# 18
37) 1,2-Dichloropropane	6.11	63	34357	0.62	ug/L	# 89
44) trans-1,3-Dichloropropene	7.66	75	6191	0.09	ug/L	90
48) 2-Hexanone	8.13	43	73394	3.06	ug/L	# 63

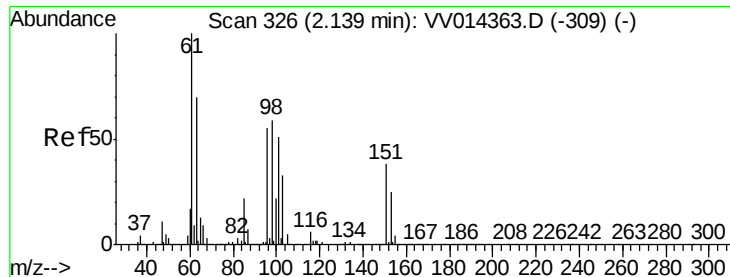
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 21 15:31:21 2020
Response via : Initial Calibration





#10

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

Concen: 0.09 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014369.D

Acq: 21 Jan 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

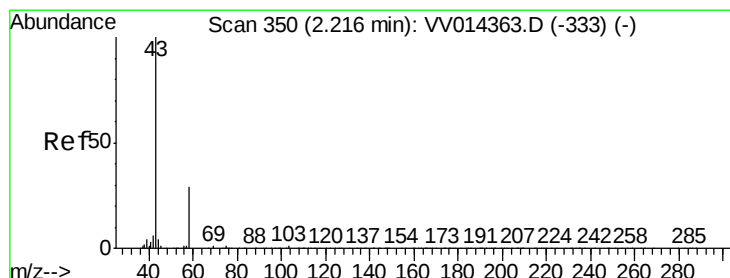
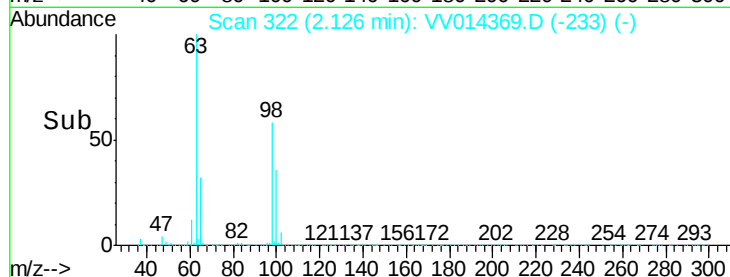
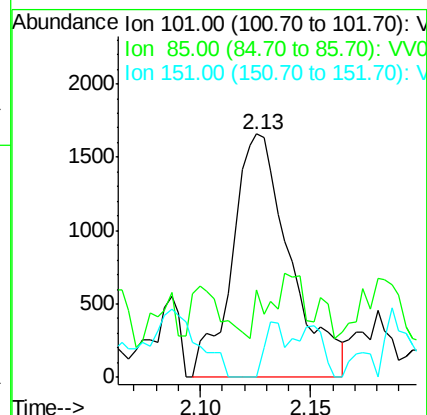
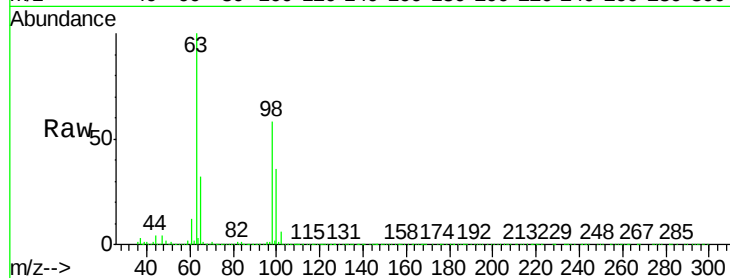
Tgt Ion: 101 Resp: 3020

Ion Ratio Lower Upper

101 100

85 27.8 34.9 52.3#

151 7.3 62.5 93.7#



#13

Acetone

Concen: 2.36 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV014369.D

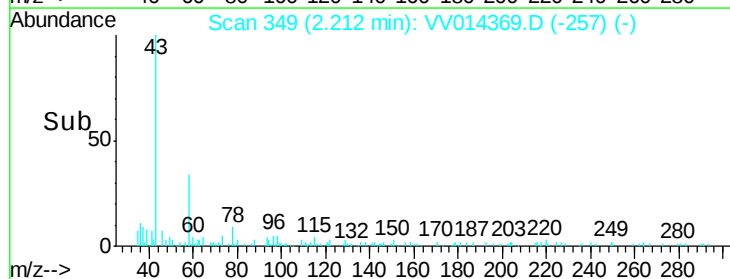
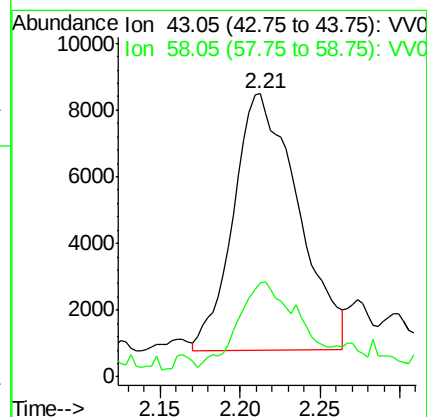
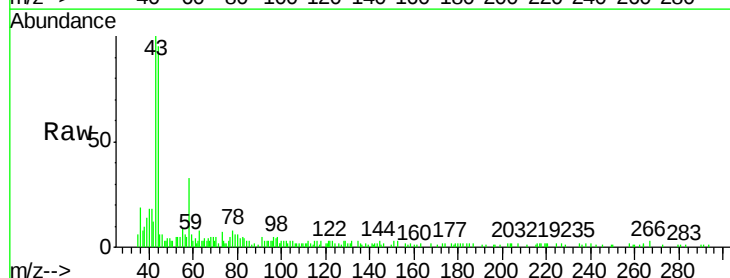
Acq: 21 Jan 2020 12:56

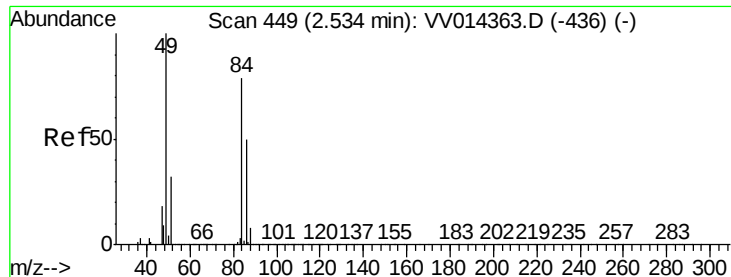
Tgt Ion: 43 Resp: 21288

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.0

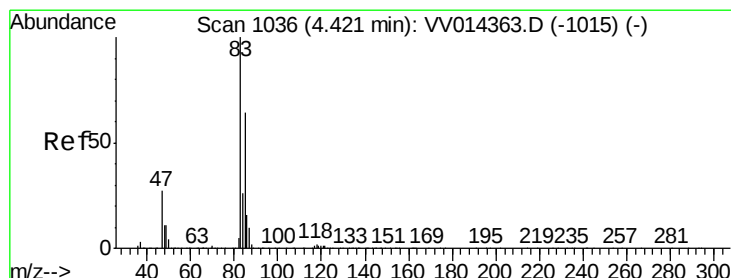
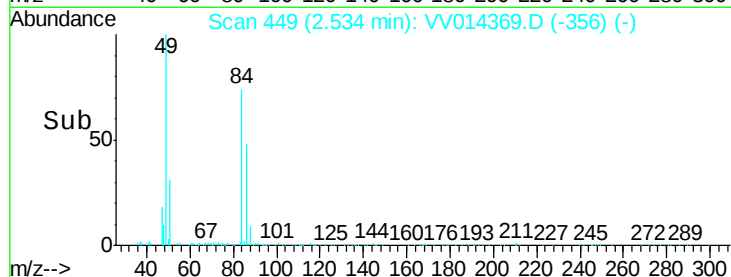
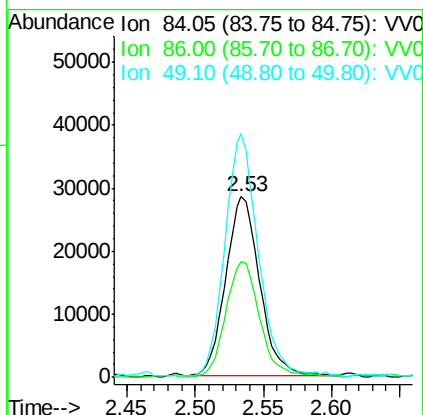
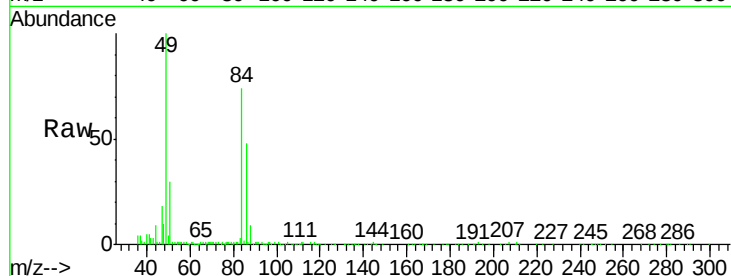




#16
Methylene chloride
Concen: 0.87 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV014369.D
Acq: 21 Jan 2020 12:56

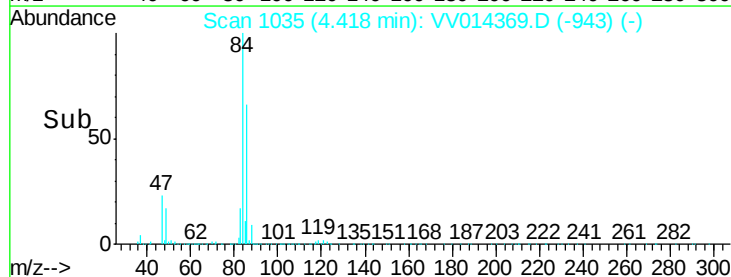
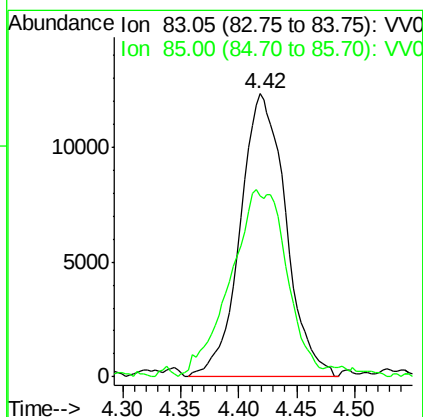
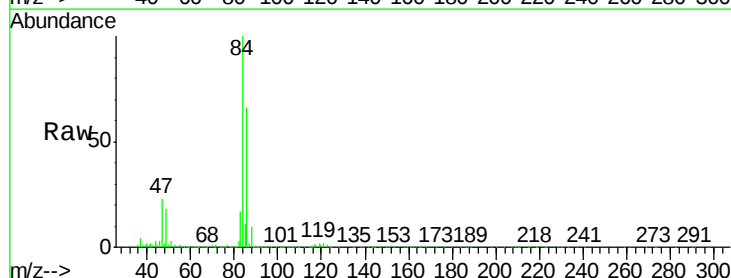
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

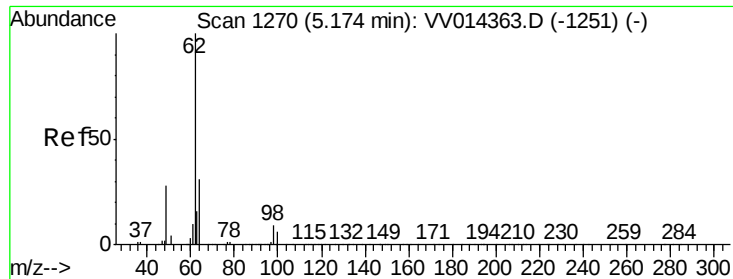
Tgt Ion: 84 Resp: 49221
Ion Ratio Lower Upper
84 100
86 64.2 43.1 80.1
49 134.8 82.1 152.5



#25
Chloroform
Concen: 0.34 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014369.D
Acq: 21 Jan 2020 12:56

Tgt Ion: 83 Resp: 33643
Ion Ratio Lower Upper
83 100
85 63.8 46.2 85.8





#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.08 min

Lab File: VV014369.D

Acq: 21 Jan 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

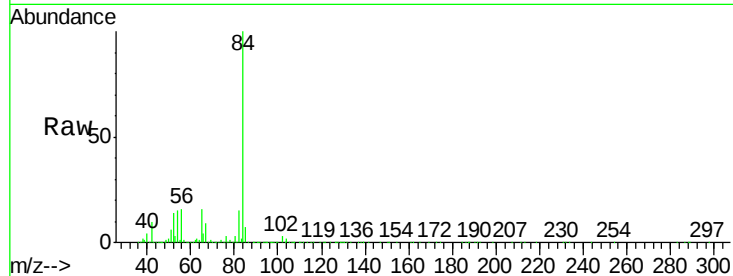
VHBLK01

Tgt Ion: 62 Resp: 5541

Ion Ratio Lower Upper

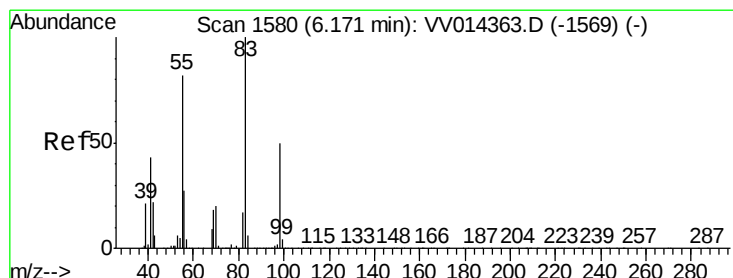
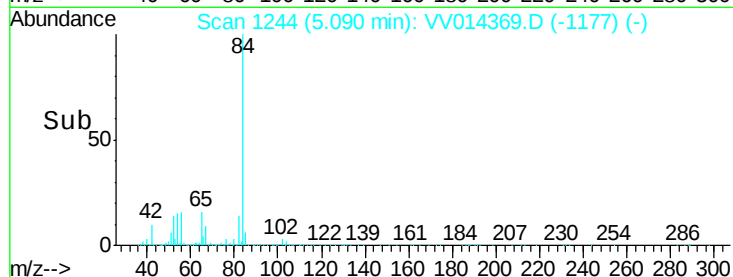
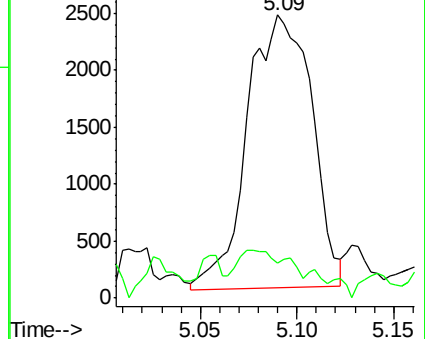
62 100

98 12.4 9.2 13.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.84 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014369.D

Acq: 21 Jan 2020 12:56

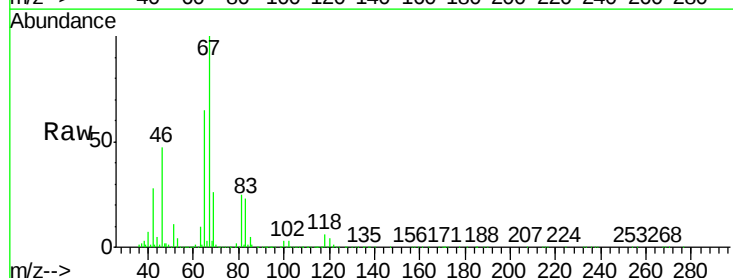
Tgt Ion: 83 Resp: 77135

Ion Ratio Lower Upper

83 100

55 0.2 61.7 92.5#

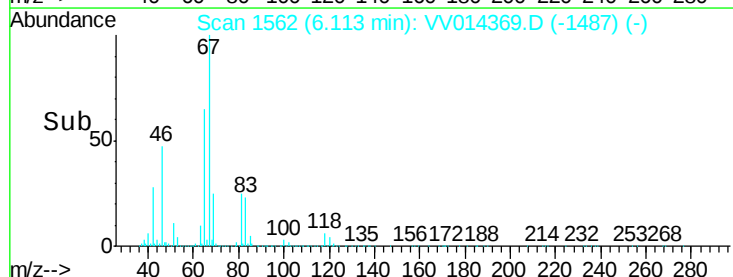
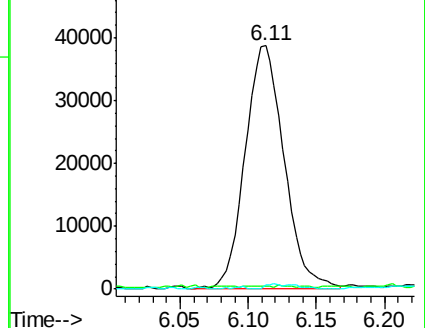
98 0.0 38.1 57.1#

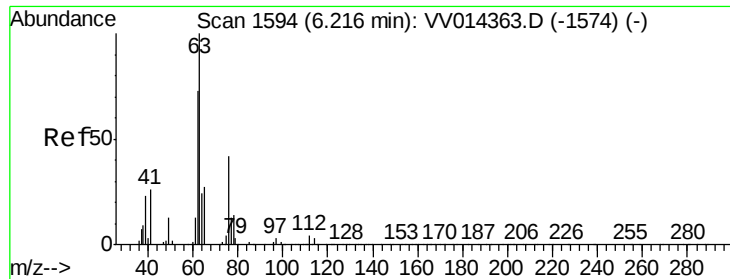


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

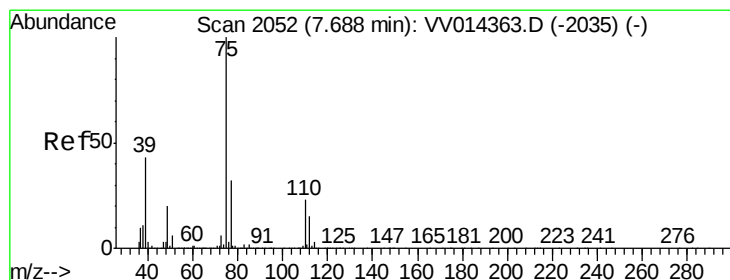
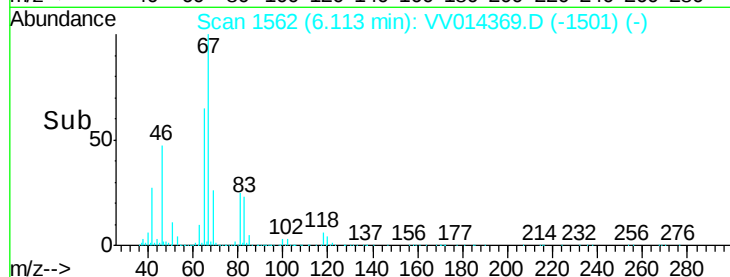
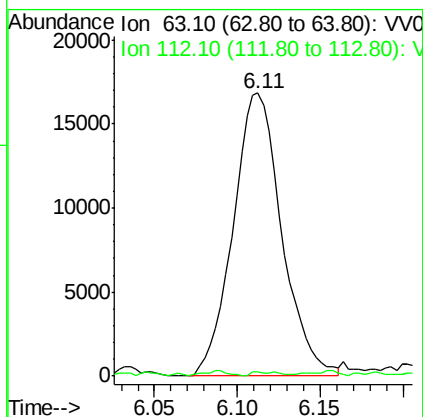
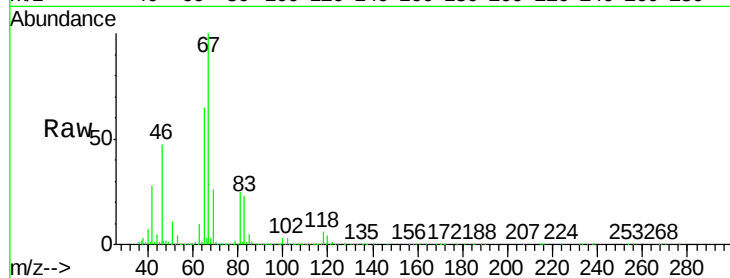




#37
 1,2-Dichloropropane
 Concen: 0.62 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014369.D
 Acq: 21 Jan 2020 12:56

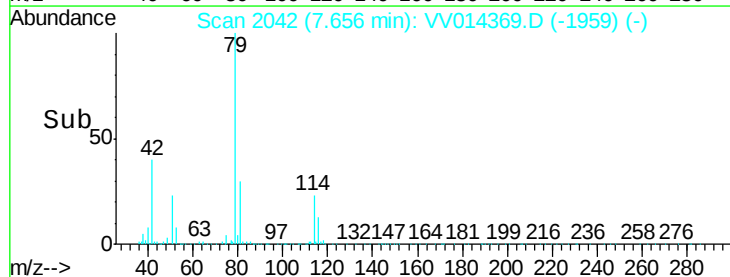
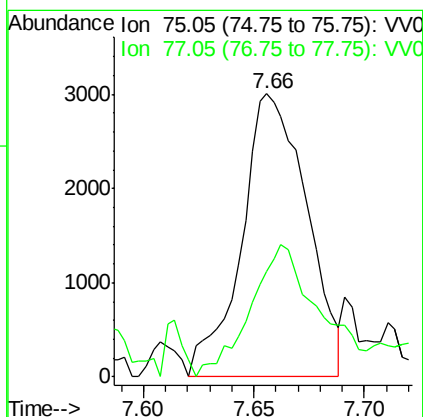
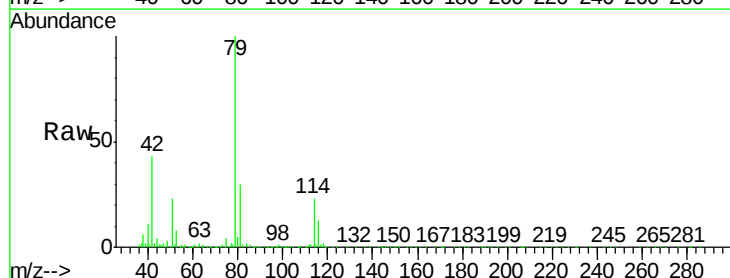
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

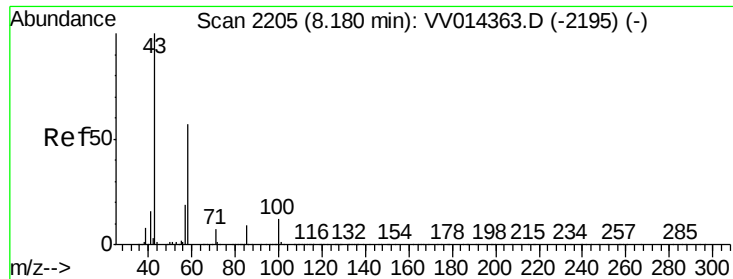
Tgt Ion: 63 Resp: 34357
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.03 min
 Lab File: VV014369.D
 Acq: 21 Jan 2020 12:56

Tgt Ion: 75 Resp: 6191
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.0 41.0





#48

2-Hexanone

Concen: 3.06 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014369.D

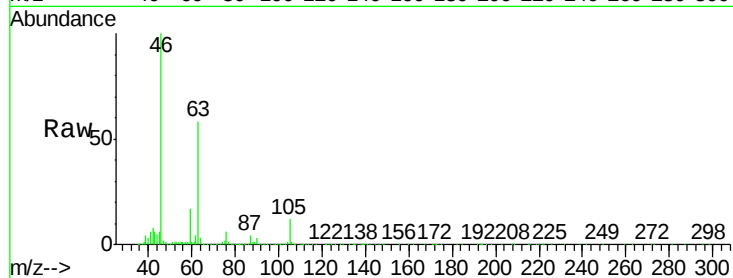
Acq: 21 Jan 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	73394
Ion	Ratio	Lower	Upper
43	100		
58	19.8	45.4	68.0#
57	20.6	15.8	23.8
100	0.4	10.2	15.4#

