

Data File : VV014264.D
Acq On : 06 Jan 2020 11:49
Operator : SY/MD
Sample : L1022-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jan 07 01:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 07 01:19:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	981863	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	893150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	406121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293697	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	219729	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.13	63	343592	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.96	46	648058	39.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.54%
24) Chloroform-d	4.40	84	574700	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	277969	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.09	84	1218450	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	371064	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.35	98	1115112	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	159410	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.13	63	630404	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	242951	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	344231	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

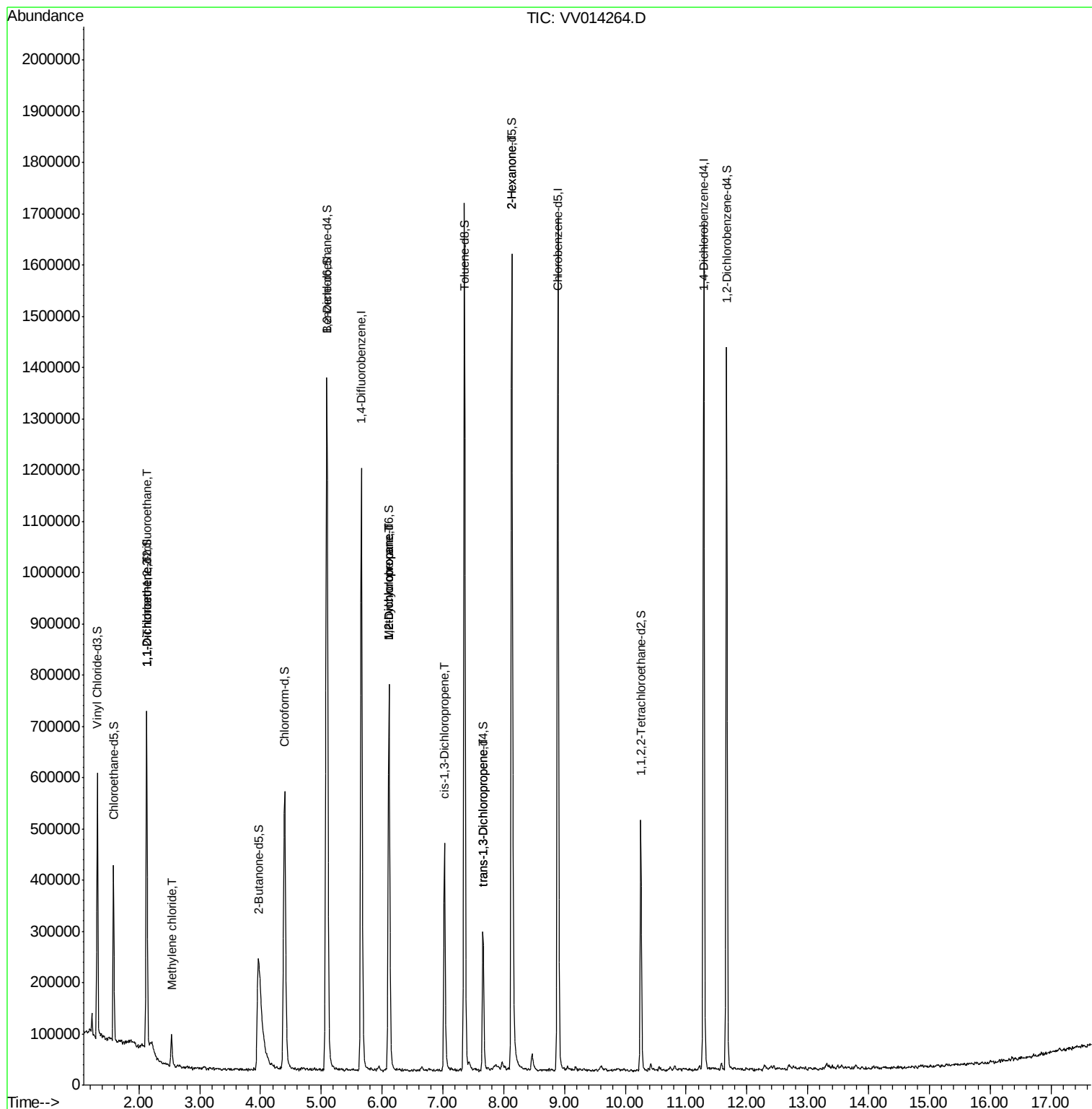
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3545	0.081	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	3498	0.080	ug/L #	1
16) Methylene chloride	2.54	84	26380	0.369	ug/L	98
35) Methylcyclohexane	6.11	83	91288	0.790	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	39466	0.568	ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	10584	0.094	ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	6062	0.070	ug/L #	42
48) 2-Hexanone	8.13	43	75051	2.479	ug/L #	69

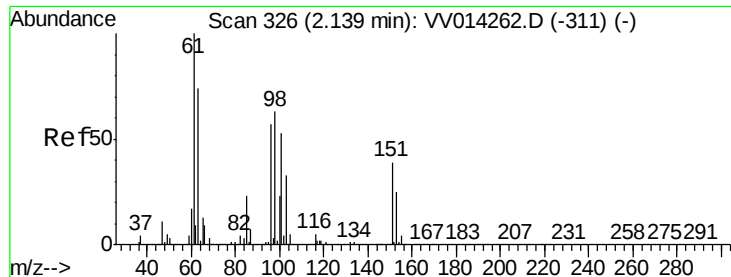
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014264.D

Acq: 06 Jan 2020 11:49

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

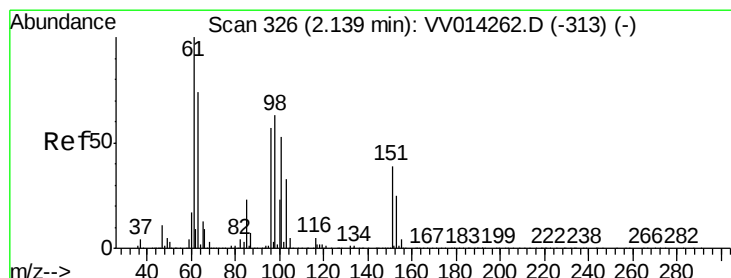
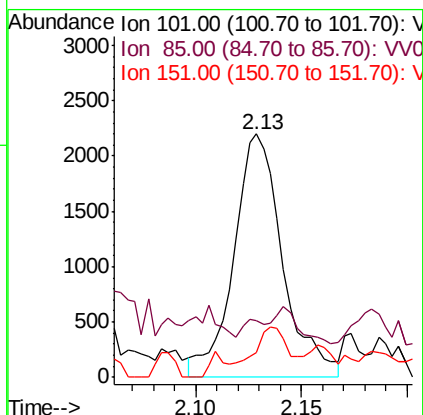
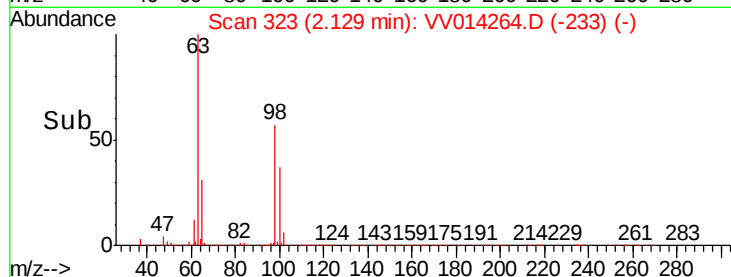
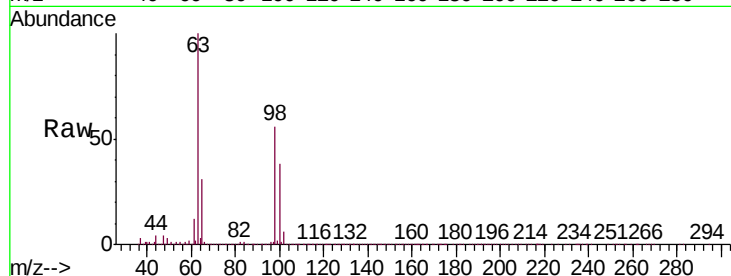
Tgt Ion: 101 Resp: 3545

Ion Ratio Lower Upper

101 100

85 3.0 34.9 52.3#

151 0.0 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014264.D

Acq: 06 Jan 2020 11:49

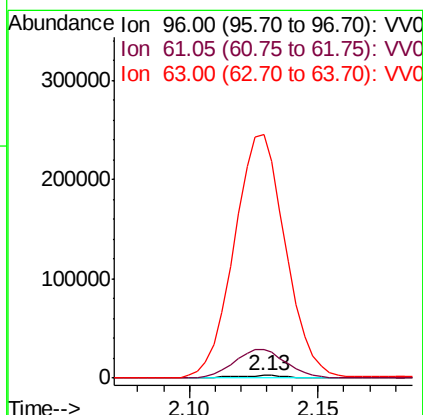
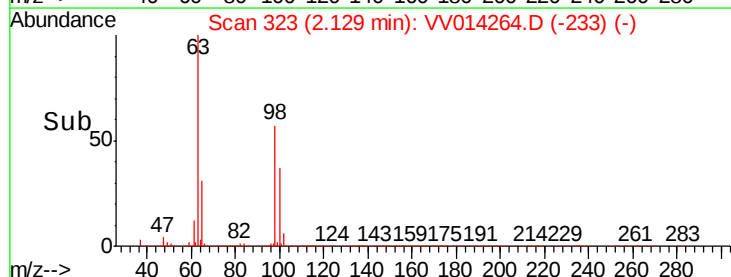
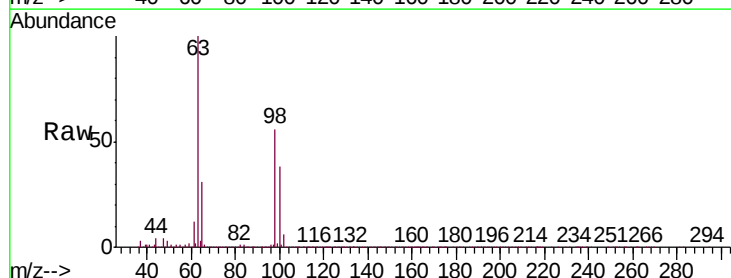
Tgt Ion: 96 Resp: 3498

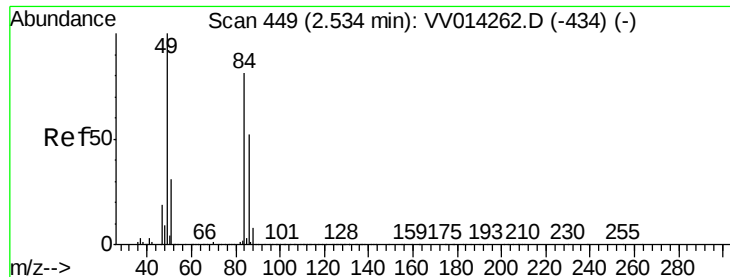
Ion Ratio Lower Upper

96 100

61 1190.8 121.5 225.7#

63 10031.7 90.3 167.7#

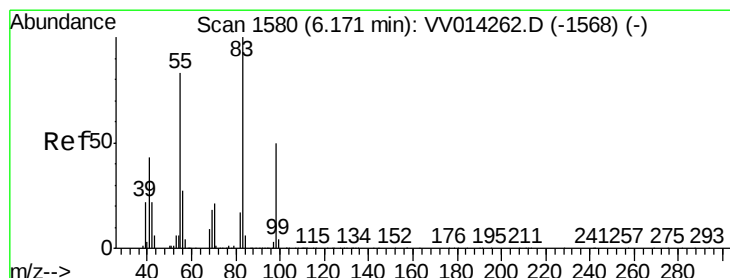
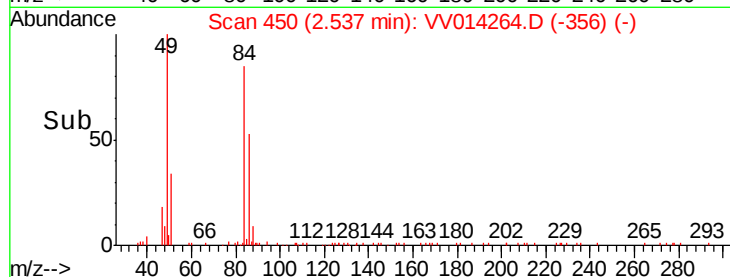
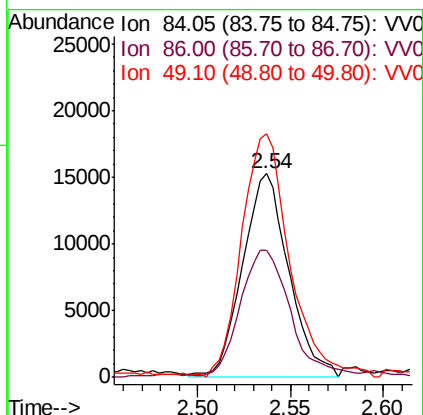
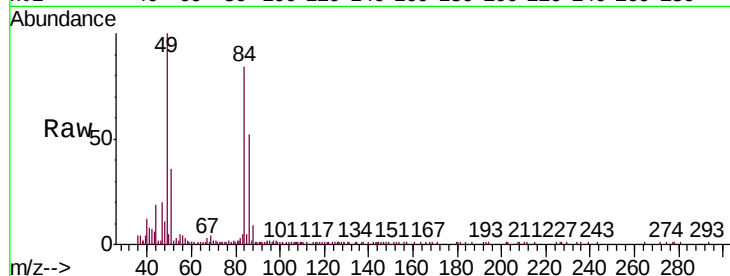




#16
Methylene chloride
Concen: 0.369 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014264.D
Acq: 06 Jan 2020 11:49

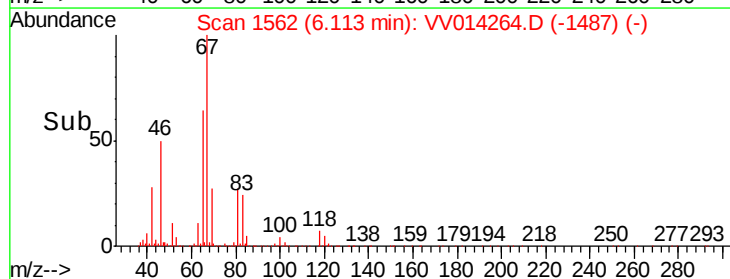
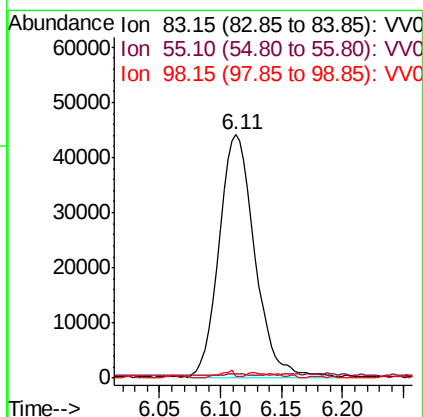
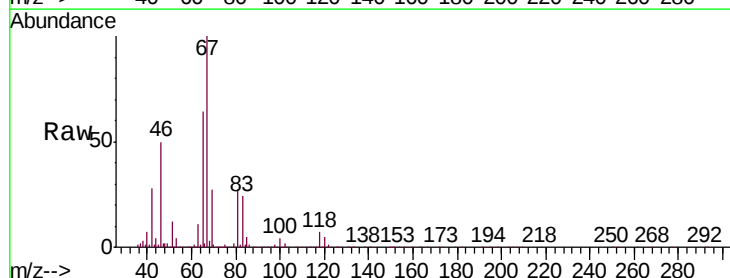
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

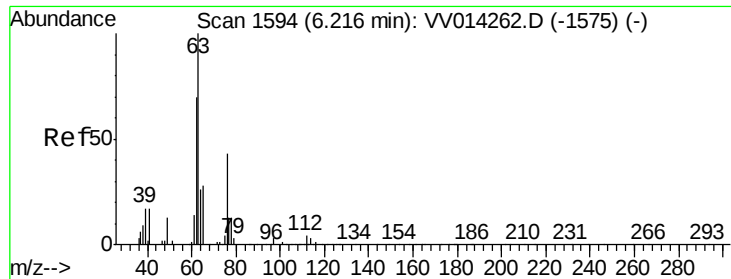
Tgt Ion: 84 Resp: 26380
Ion Ratio Lower Upper
84 100
86 62.6 43.1 80.1
49 119.7 82.1 152.5



#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014264.D
Acq: 06 Jan 2020 11:49

Tgt Ion: 83 Resp: 91288
Ion Ratio Lower Upper
83 100
55 0.4 61.7 92.5#
98 1.3 38.1 57.1#

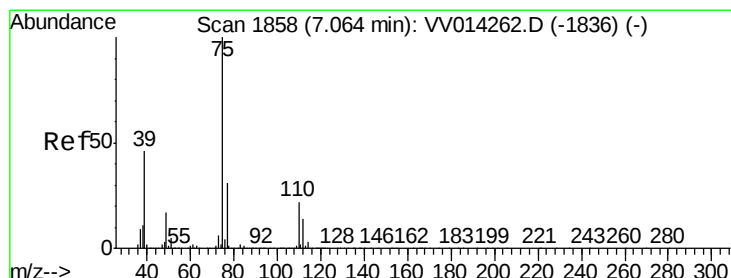
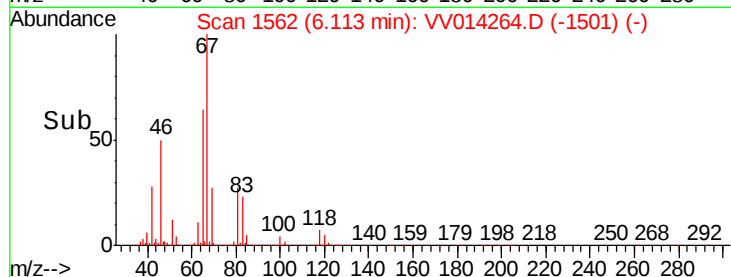
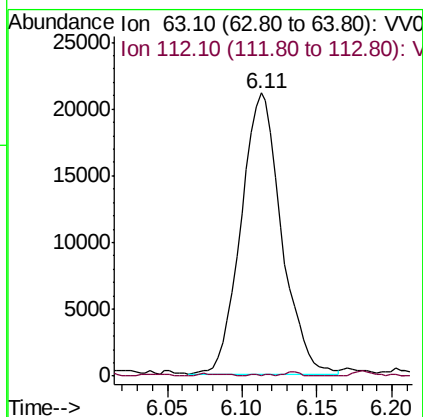
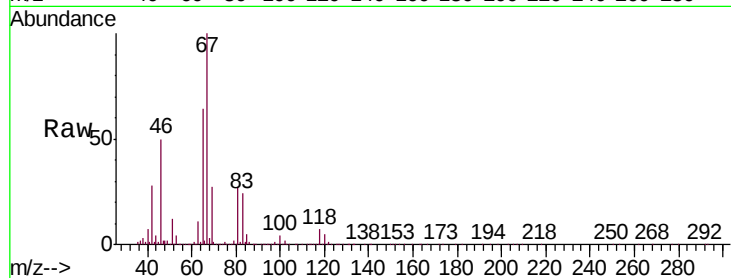




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014264.D
 Acq: 06 Jan 2020 11:49

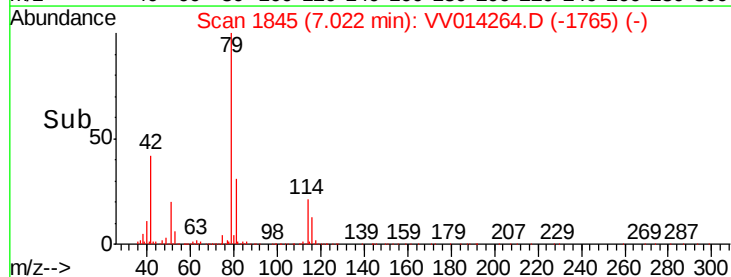
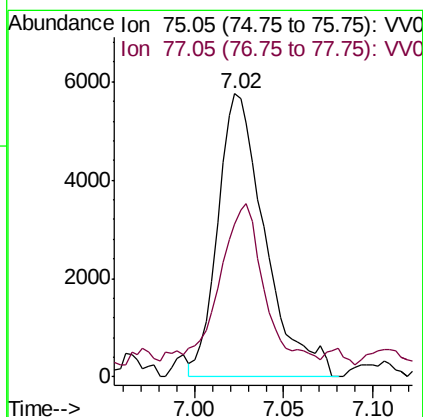
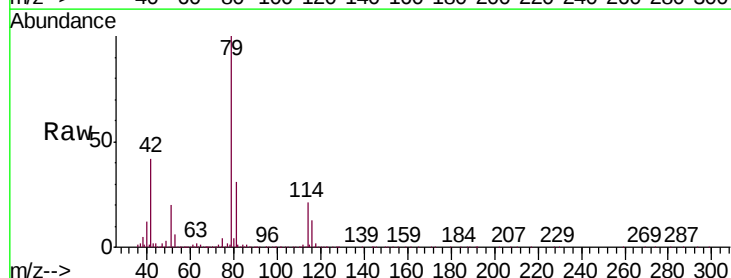
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

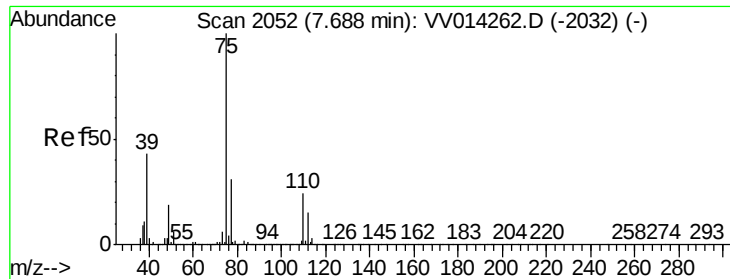
Tgt Ion: 63 Resp: 39466
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014264.D
 Acq: 06 Jan 2020 11:49

Tgt Ion: 75 Resp: 10584
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014264.D

Acq: 06 Jan 2020 11:49

Instrument :

MSVOA_V

ClientSampleId :

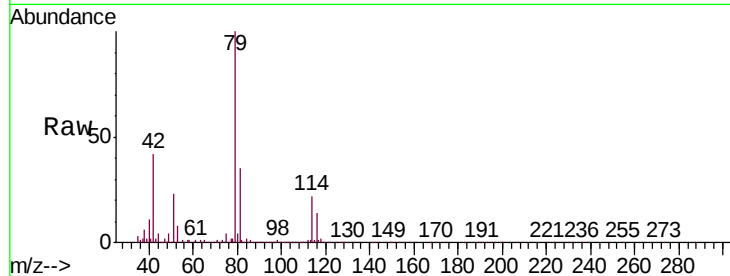
VHBLK01

Tgt Ion: 75 Resp: 6062

Ion Ratio Lower Upper

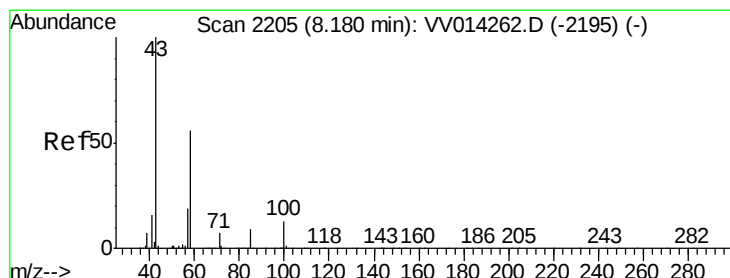
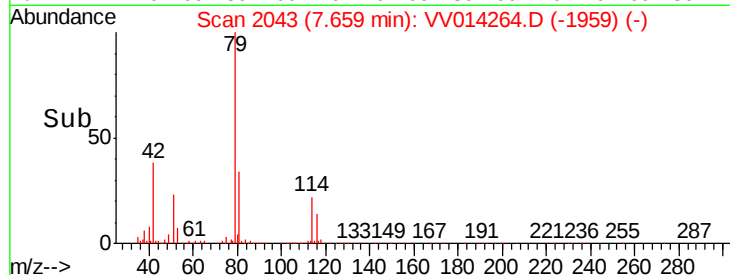
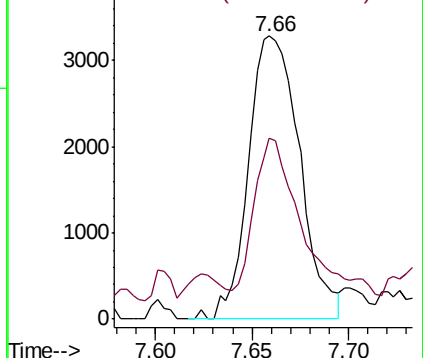
75 100

77 63.8 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.479 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014264.D

Acq: 06 Jan 2020 11:49

Tgt Ion: 43 Resp: 75051

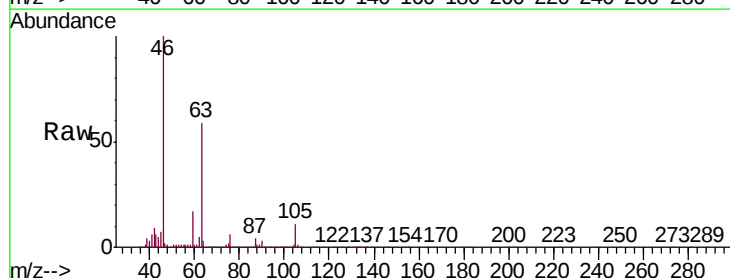
Ion Ratio Lower Upper

43 100

58 27.1 45.4 68.0#

57 21.2 15.8 23.8

100 0.1 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

