

Data File : VV014064.D
Acq On : 16 Dec 2019 11:59
Operator : SY/MD
Sample : K6200-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Dec 17 05:45:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	369964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	164609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	160993	6.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.80%#
7) Chloroethane-d5	1.58	69	130004	6.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.13	63	200384	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	3.95	46	196437	39.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.14%
24) Chloroform-d	4.40	84	236975	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.07	65	115899	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	497942	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.11	67	146170	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.35	98	413333	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	47358	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	150485	36.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85571	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	157372	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

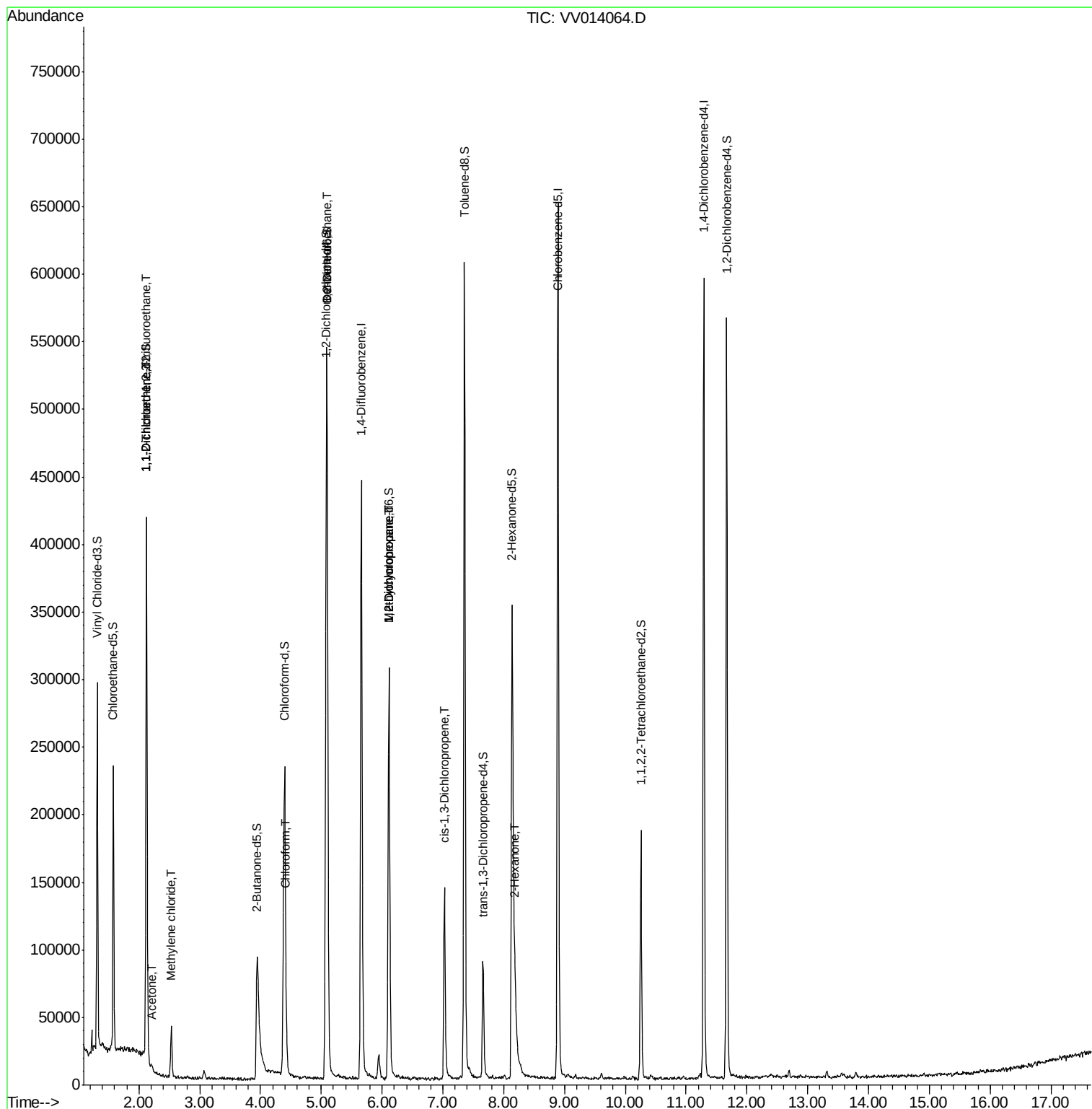
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2342	0.110	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1867	0.101	ug/L #	1
13) Acetone	2.21	43	5689	1.639	ug/L #	36
16) Methylene chloride	2.53	84	16591	0.653	ug/L	91
25) Chloroform	4.42	83	11400	0.257	ug/L	97
27) 1,2-Dichloroethane	5.10	62	3087	0.122	ug/L	96
35) Methylcyclohexane	6.11	83	36754	1.100	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15803	0.678	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	3553	0.107	ug/L #	75
48) 2-Hexanone	8.19	43	21838	2.248	ug/L #	93

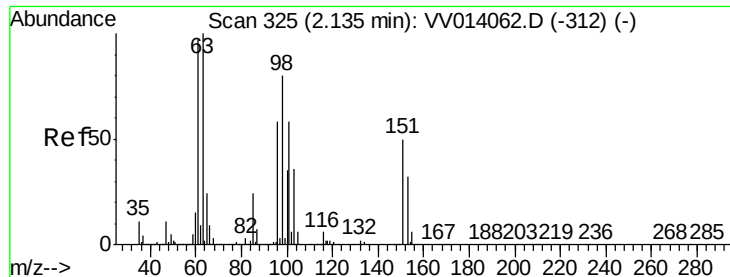
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.110 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK02

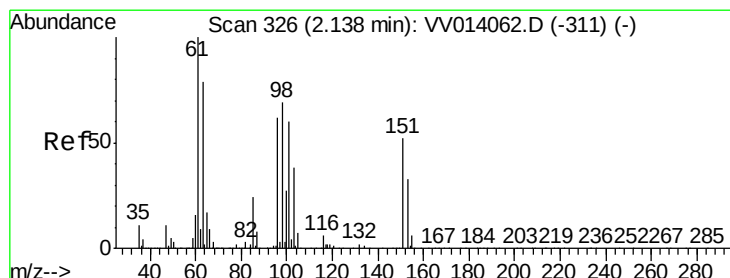
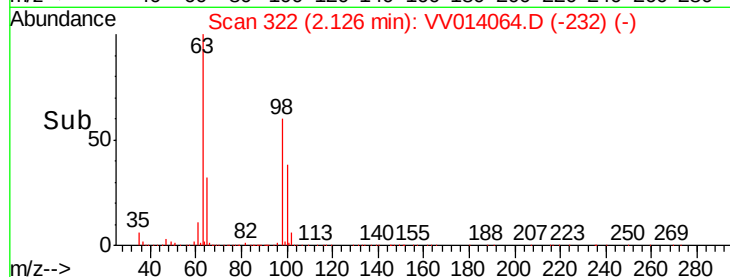
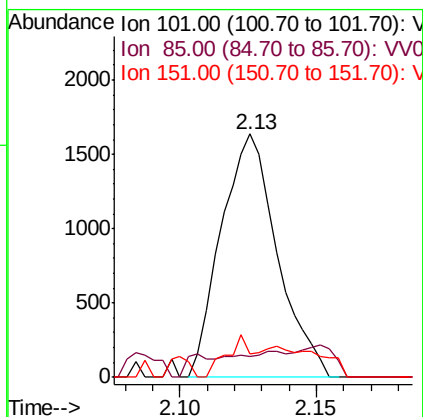
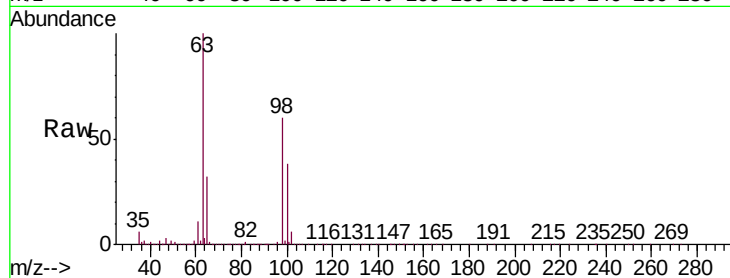
Tgt Ion: 101 Resp: 2342

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 8.5 69.4 104.0#



#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV014064.D

Acq: 16 Dec 2019 11:59

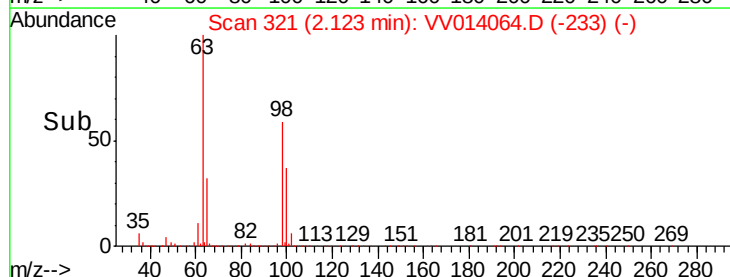
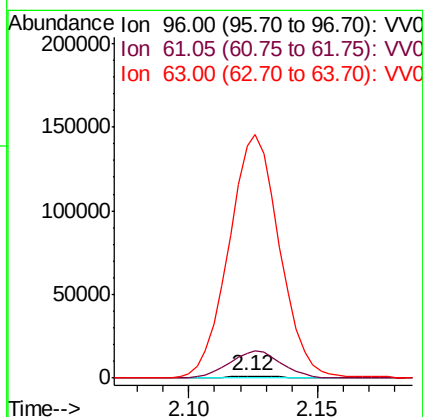
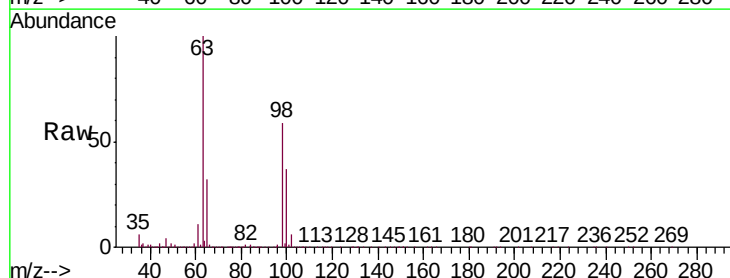
Tgt Ion: 96 Resp: 1867

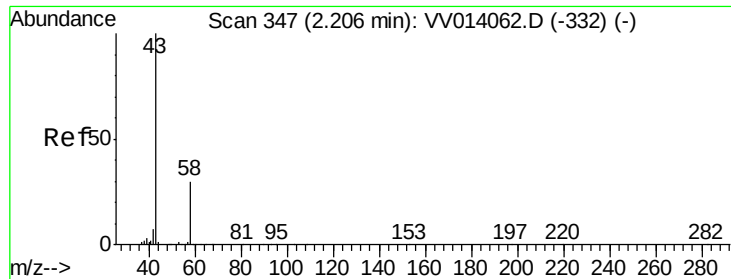
Ion Ratio Lower Upper

96 100

61 1395.1 116.3 215.9#

63 12937.2 96.7 179.7#





#13

Acetone

Concen: 1.639 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV014064.D

Acq: 16 Dec 2019 11:59

Instrument :

MSVOA_V

ClientSampleId :

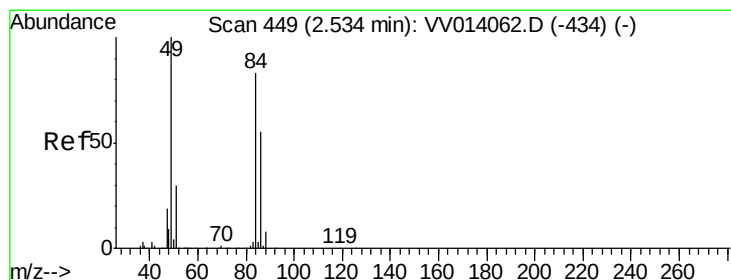
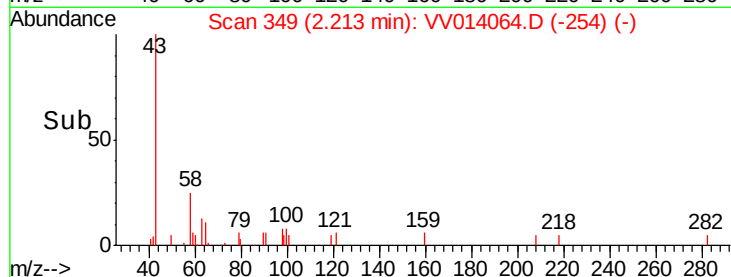
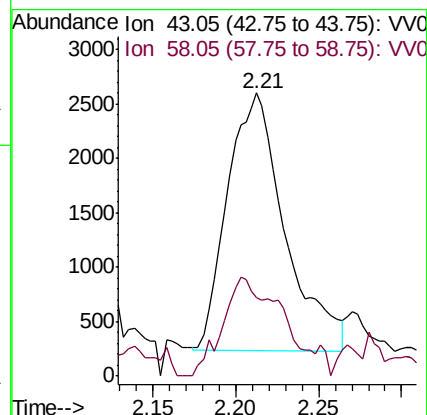
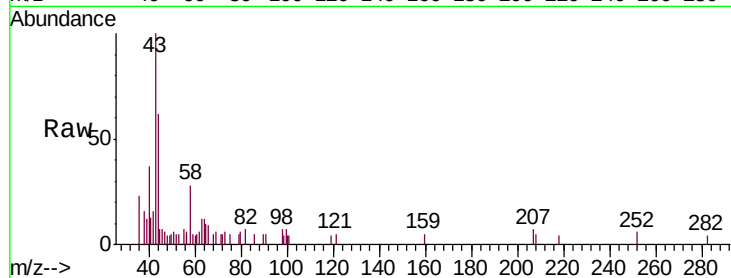
VHBLK02

Tgt Ion: 43 Resp: 5689

Ion Ratio Lower Upper

43 100

58 39.5 0.0 27.2#



#16

Methylene chloride

Concen: 0.653 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV014064.D

Acq: 16 Dec 2019 11:59

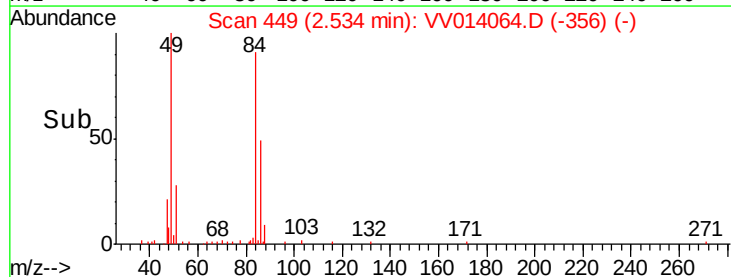
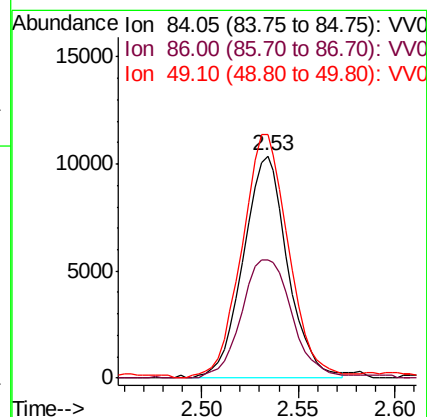
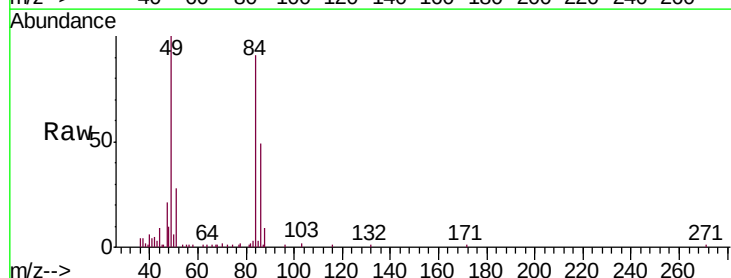
Tgt Ion: 84 Resp: 16591

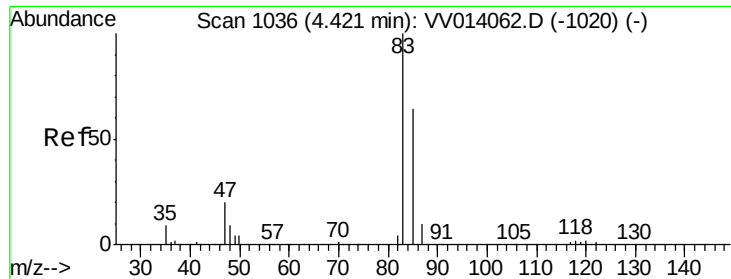
Ion Ratio Lower Upper

84 100

86 53.2 44.0 81.6

49 109.4 81.5 151.5

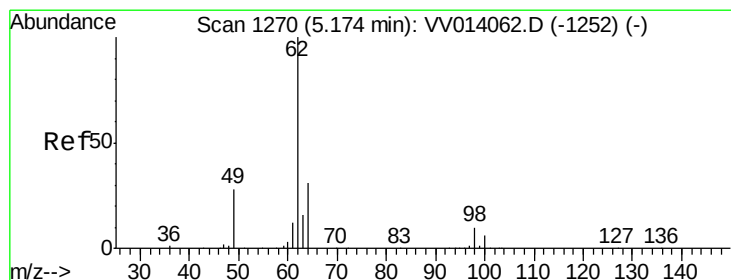
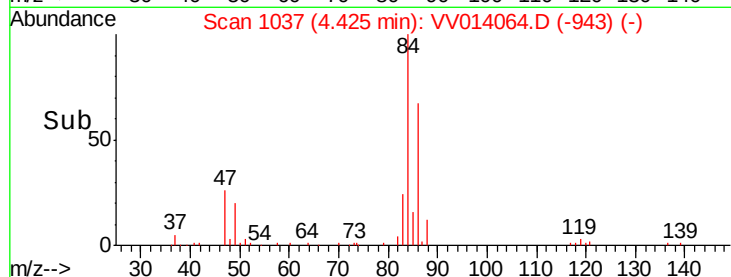
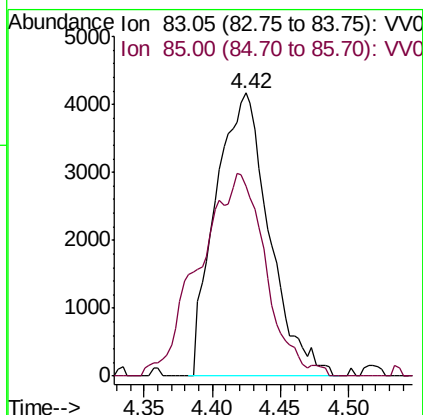
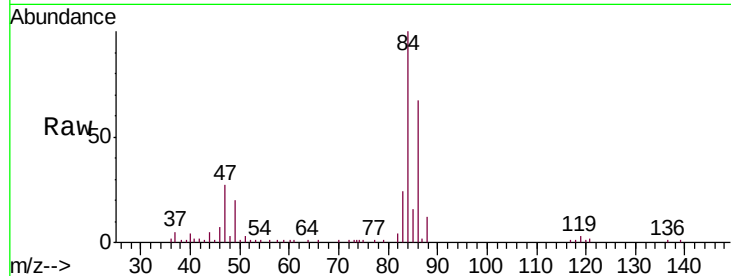




#25
Chloroform
Concen: 0.257 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014064.D
Acq: 16 Dec 2019 11:59

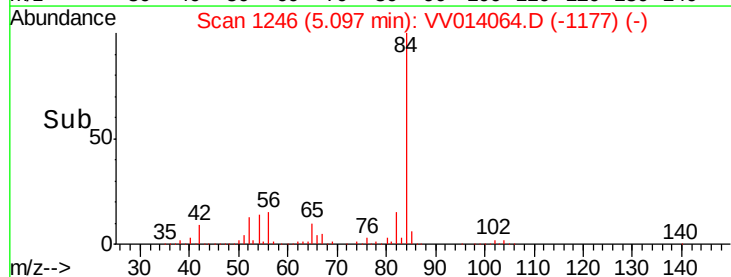
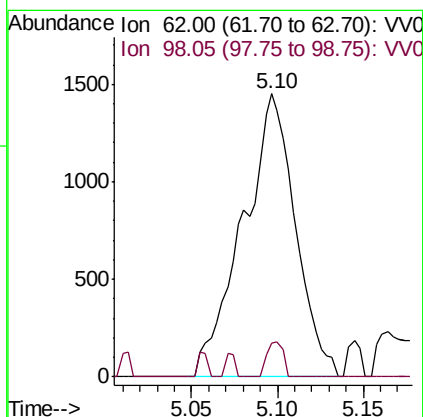
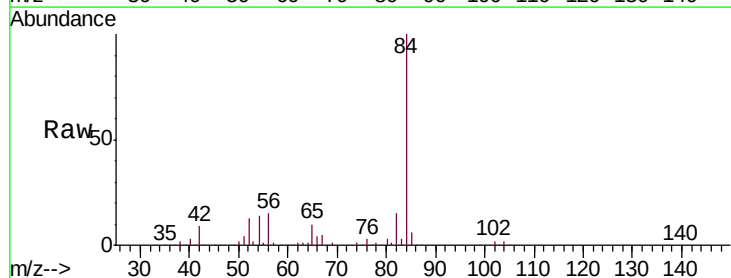
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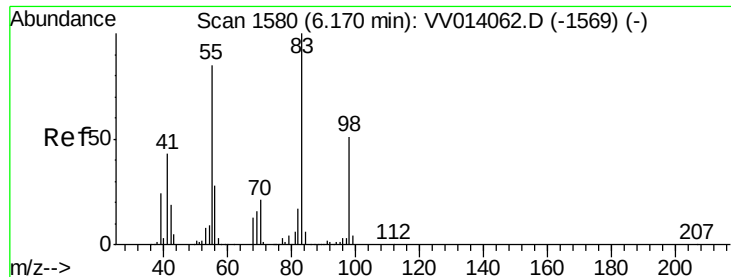
Tgt Ion: 83 Resp: 11400
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV014064.D
Acq: 16 Dec 2019 11:59

Tgt Ion: 62 Resp: 3087
Ion Ratio Lower Upper
62 100
98 11.9 8.2 12.2

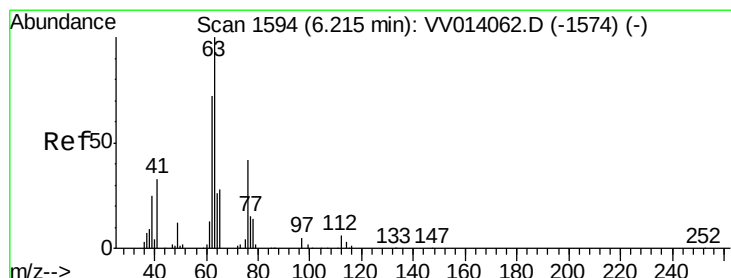
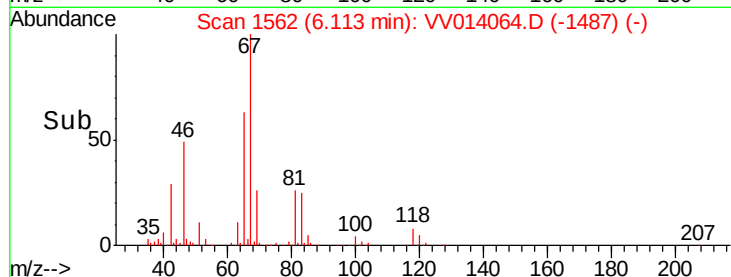
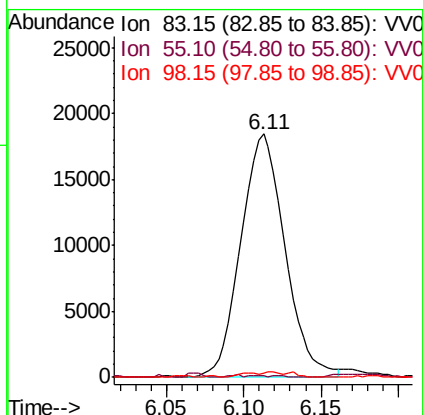
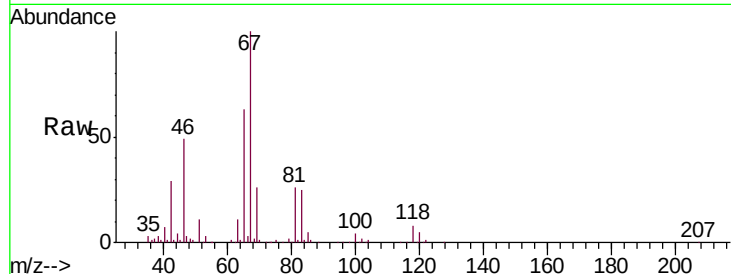




#35
Methylcyclohexane
Concen: 1.100 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014064.D
Acq: 16 Dec 2019 11:59

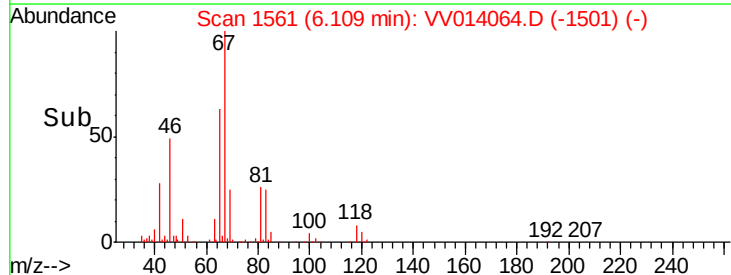
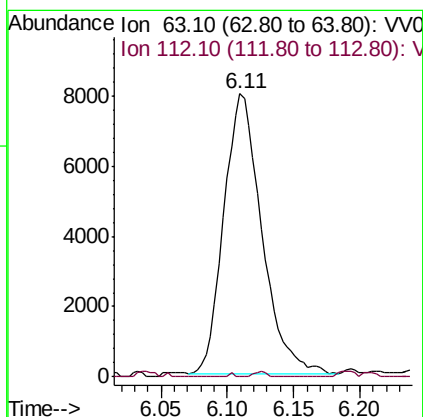
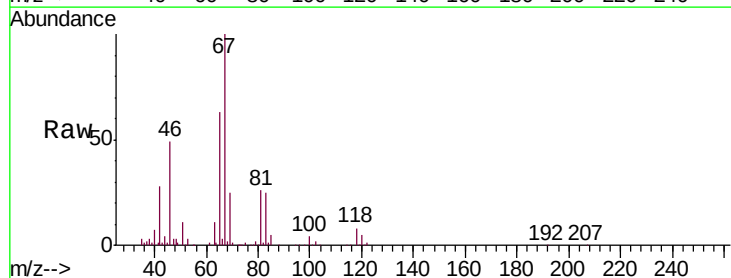
Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

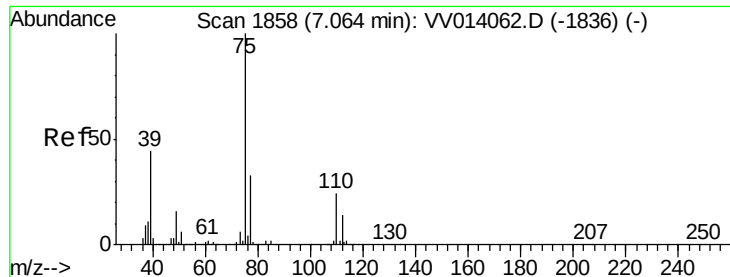
Tgt Ion: 83 Resp: 36754
Ion Ratio Lower Upper
83 100
55 0.3 60.3 90.5#
98 0.9 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV014064.D
Acq: 16 Dec 2019 11:59

Tgt Ion: 63 Resp: 15803
Ion Ratio Lower Upper
63 100
112 0.1 4.4 6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014064.D

Acq: 16 Dec 2019 11:59

Instrument :

MSVOA_V

ClientSampleId :

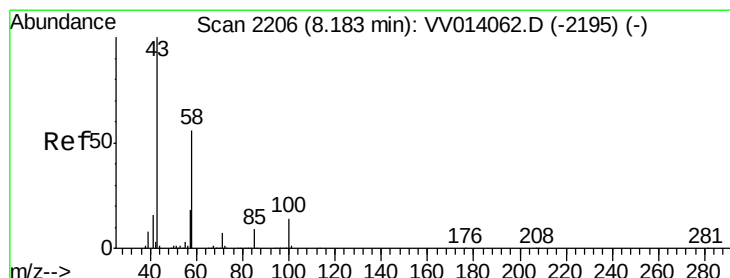
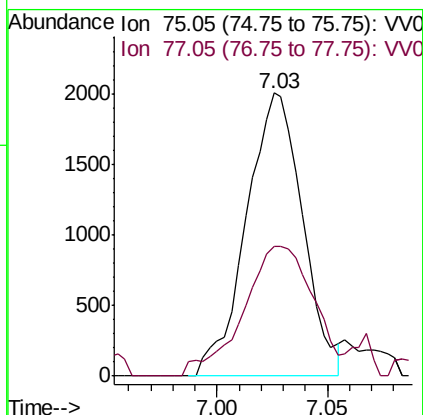
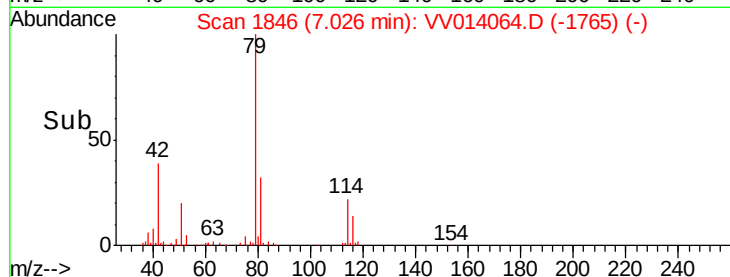
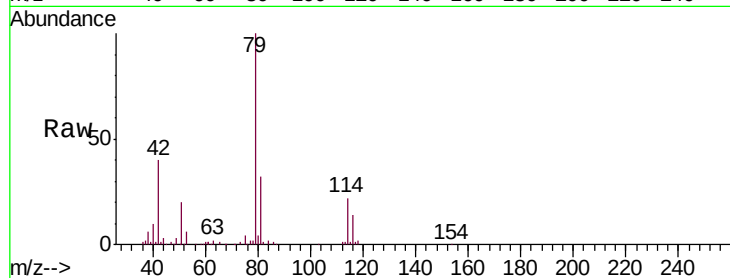
VHBLK02

Tgt Ion: 75 Resp: 3553

Ion Ratio Lower Upper

75 100

77 46.0 22.5 41.9#



#48

2-Hexanone

Concen: 2.248 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV014064.D

Acq: 16 Dec 2019 11:59

Tgt Ion: 43 Resp: 21838

Ion Ratio Lower Upper

43 100

58 49.0 43.2 64.8

57 23.6 15.4 23.2#

100 11.2 10.4 15.6

