

Data File : VV014243.D
Acq On : 31 Dec 2019 17:04
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Quant Time: Jan 01 03:07:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	817605	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	741622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	309882	8.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	161.80%#
7) Chloroethane-d5	1.58	69	234121	7.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	146.80%#
11) 1,1-Dichloroethene-d2	2.13	63	368656	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	3.94	46	714691	75.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.28%#
24) Chloroform-d	4.40	84	512278	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.08	65	285675	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.40%
32) Benzene-d6	5.10	84	1196161	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
36) 1,2-Dichloropropane-d6	6.11	67	370653	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.36	98	1090012	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
43) trans-1,3-Dichloropropene-	7.66	79	157079	5.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.60%
46) 2-Hexanone-d5	8.13	63	622590	59.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.66%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	244298	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	342692	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

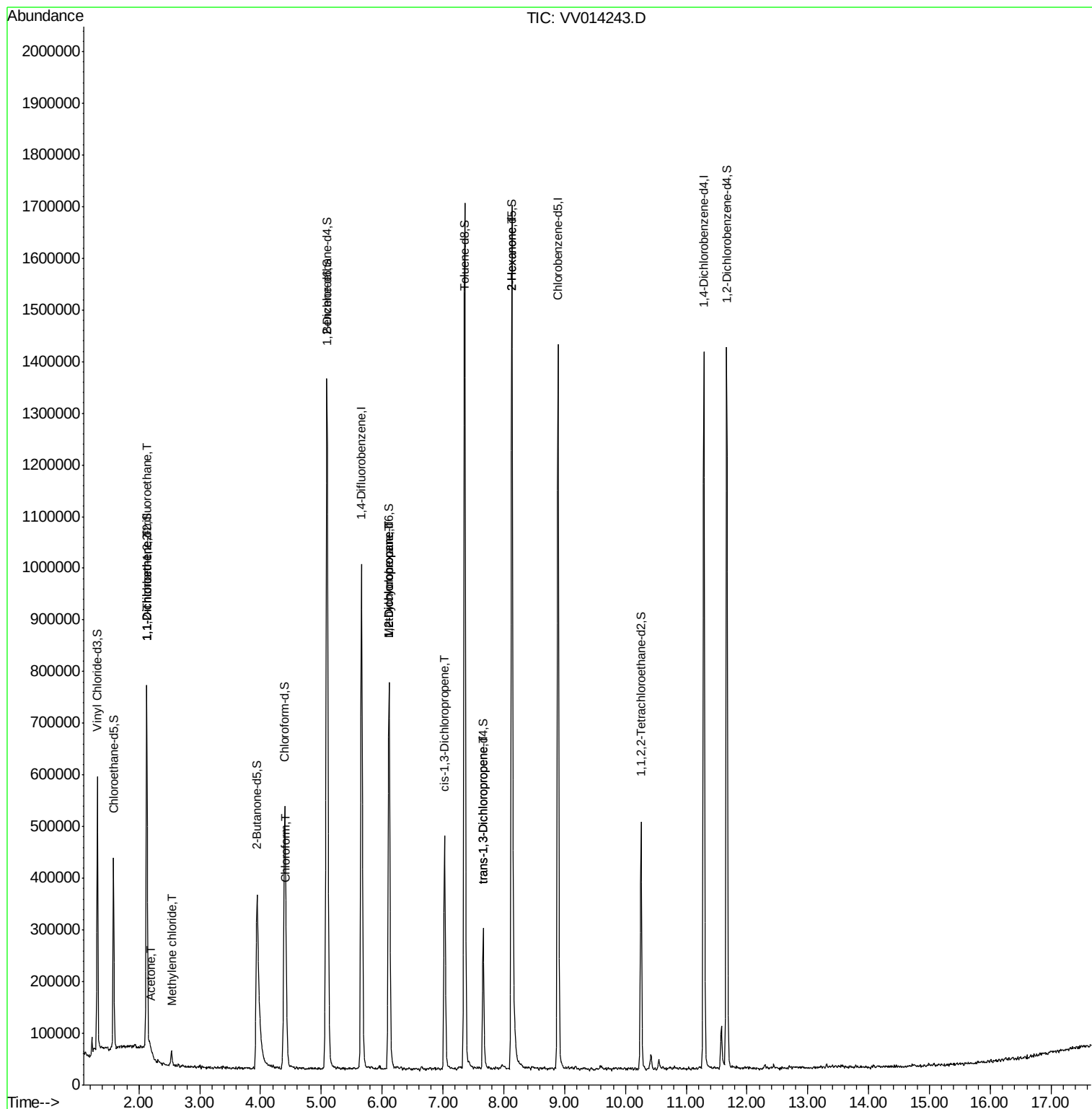
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4430	0.120	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	3460	0.096	ug/L #	1
13) Acetone	2.20	43	8942	1.524	ug/L	78
16) Methylene chloride	2.54	84	11624	0.191	ug/L	92
25) Chloroform	4.43	83	60404	0.569	ug/L	94
35) Methylcyclohexane	6.11	83	87269	0.852	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	39544	0.710	ug/L #	89
39) cis-1,3-Dichloropropene	7.02	75	10122	0.111	ug/L #	63
44) trans-1,3-Dichloropropene	7.66	75	6792	0.095	ug/L	95
48) 2-Hexanone	8.13	43	73723	3.076	ug/L #	70

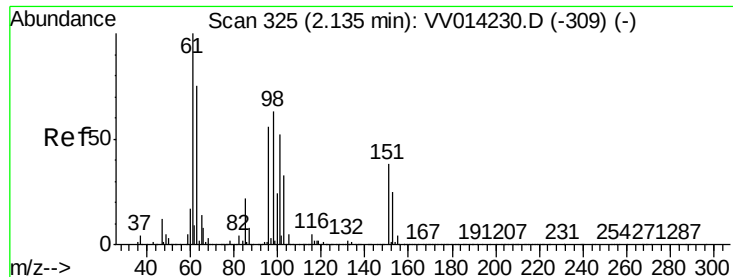
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.120 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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ClientSampleId :

VIBLK45

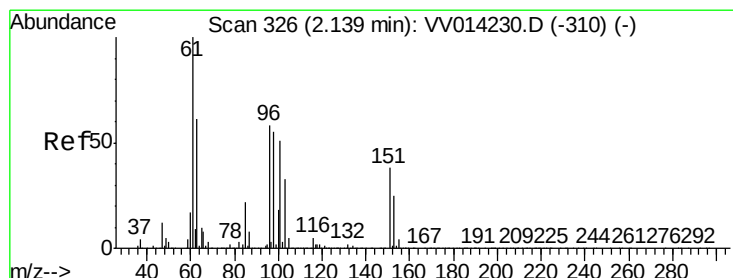
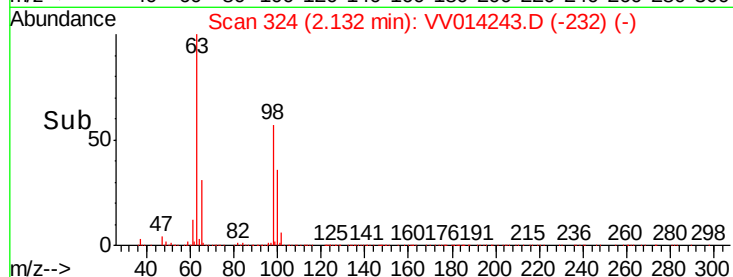
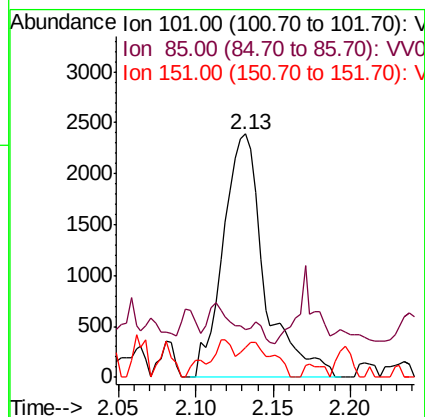
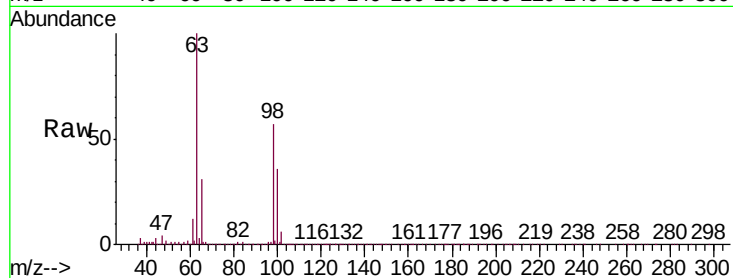
Tgt Ion: 101 Resp: 4430

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 10.6 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.096 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014243.D

Acq: 31 Dec 2019 17:04

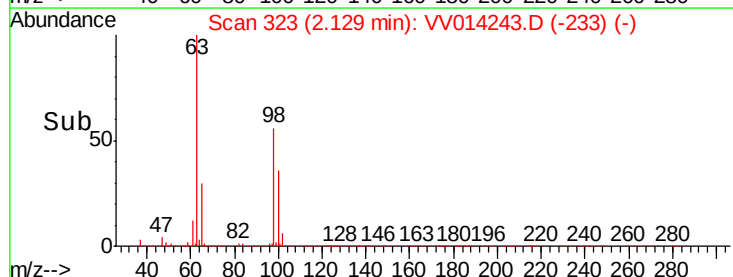
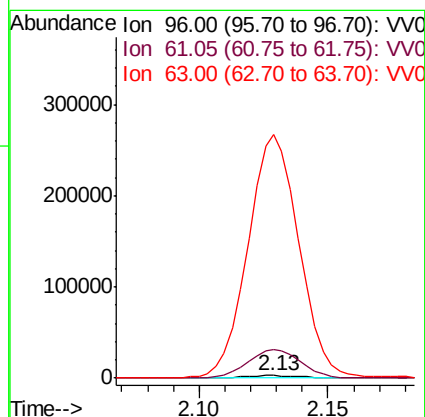
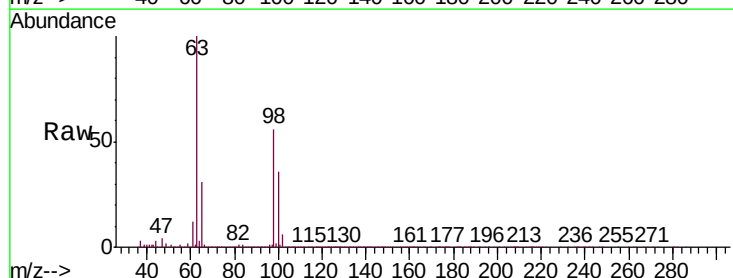
Tgt Ion: 96 Resp: 3460

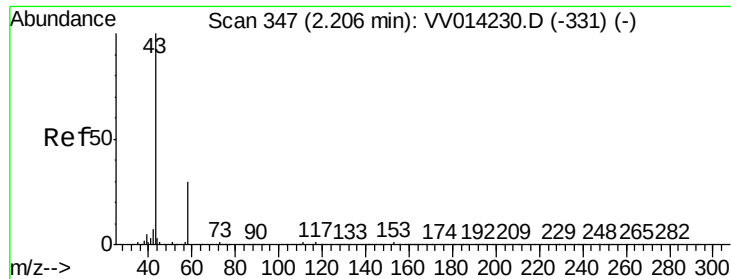
Ion Ratio Lower Upper

96 100

61 1209.9 121.5 225.7#

63 10362.7 90.3 167.7#





#13

Acetone

Concen: 1.524 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV014243.D

Acq: 31 Dec 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

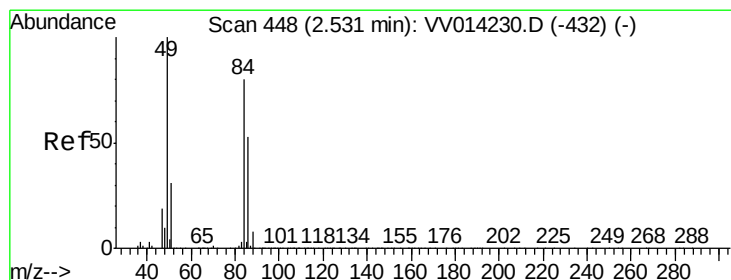
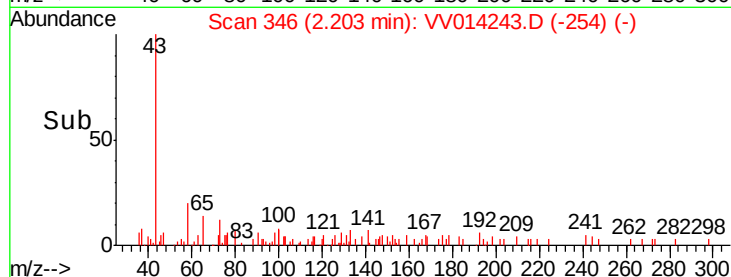
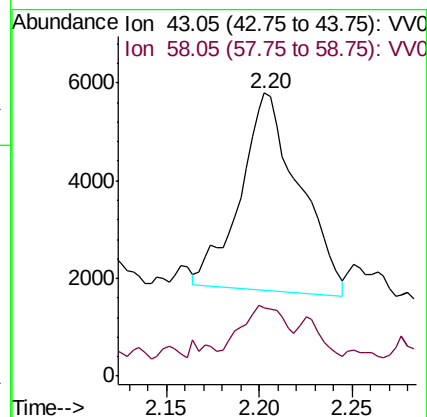
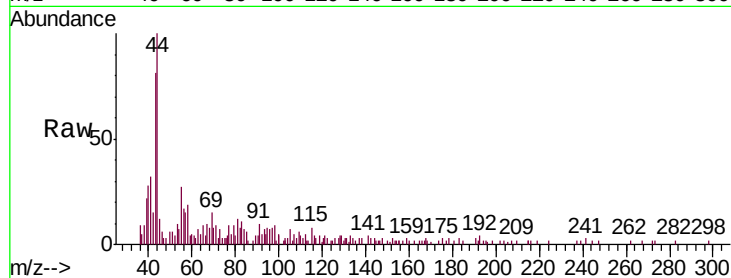
VIBLK45

Tgt Ion: 43 Resp: 8942

Ion Ratio Lower Upper

43 100

58 20.6 0.0 66.0



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV014243.D

Acq: 31 Dec 2019 17:04

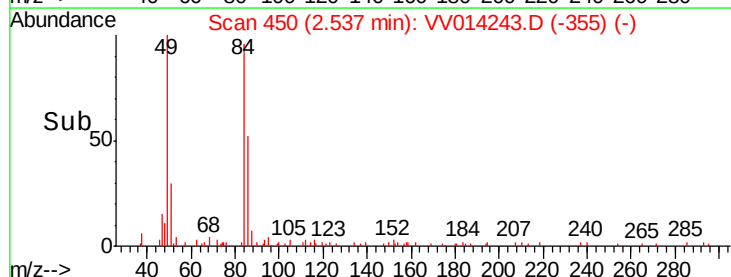
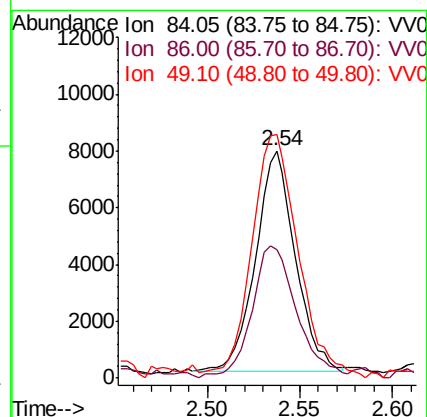
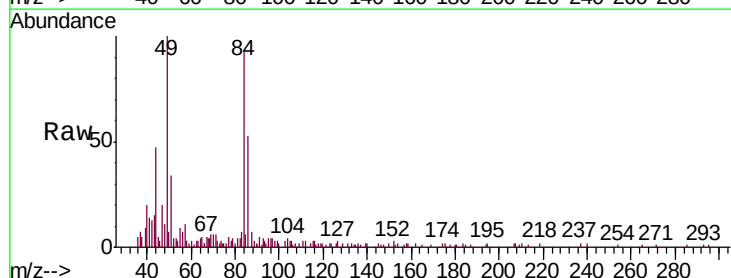
Tgt Ion: 84 Resp: 11624

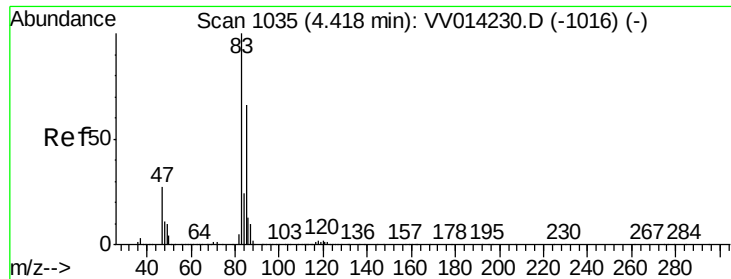
Ion Ratio Lower Upper

84 100

86 56.8 43.1 80.1

49 107.2 82.1 152.5

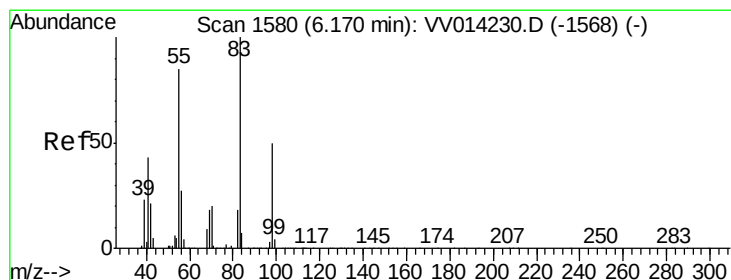
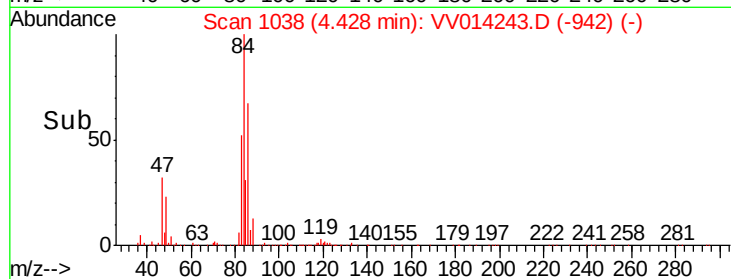
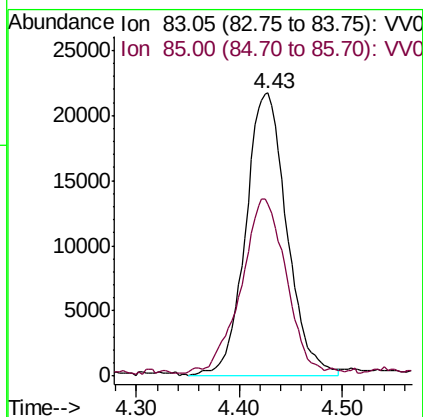
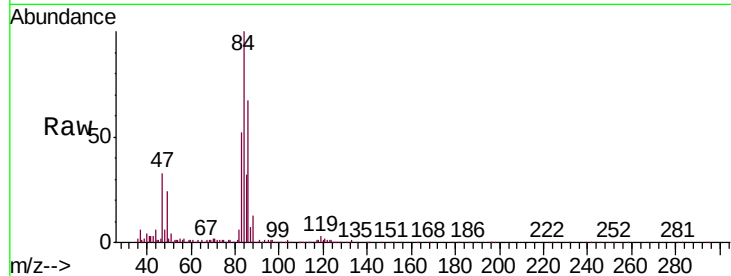




#25
Chloroform
Concen: 0.569 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014243.D
Acq: 31 Dec 2019 17:04

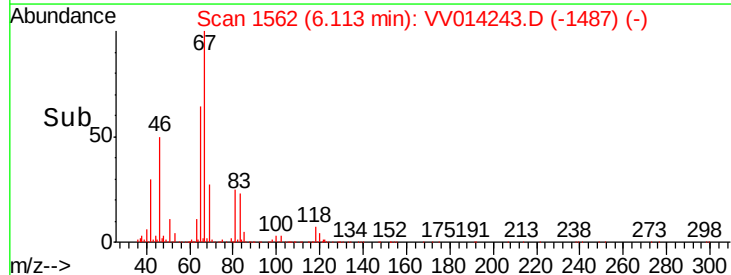
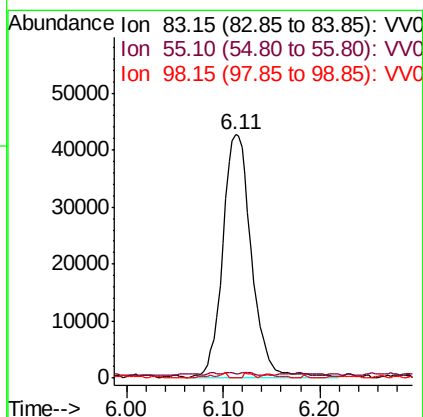
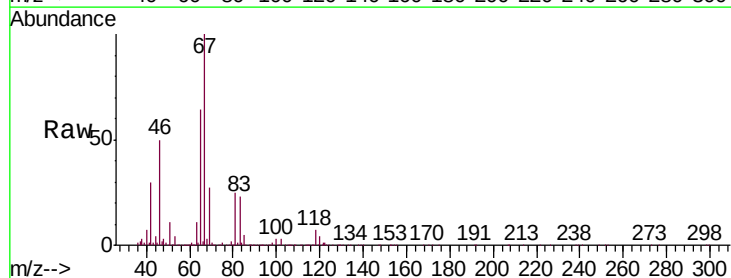
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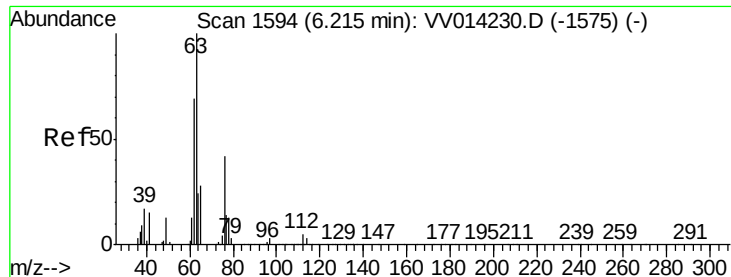
Tgt Ion: 83 Resp: 60404
Ion Ratio Lower Upper
83 100
85 60.9 46.2 85.8



#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014243.D
Acq: 31 Dec 2019 17:04

Tgt Ion: 83 Resp: 87269
Ion Ratio Lower Upper
83 100
55 0.6 61.7 92.5#
98 0.6 38.1 57.1#

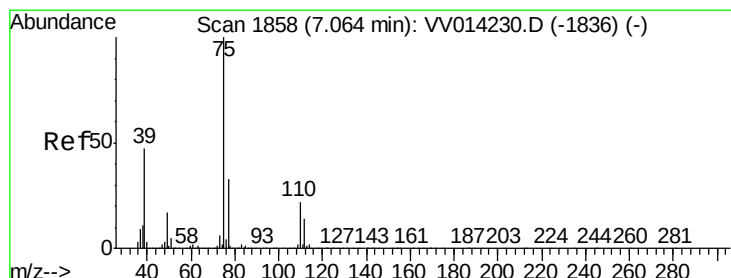
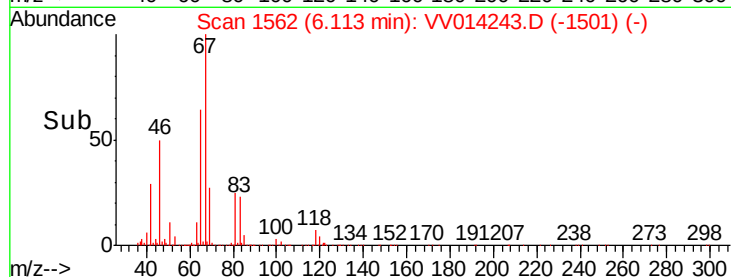
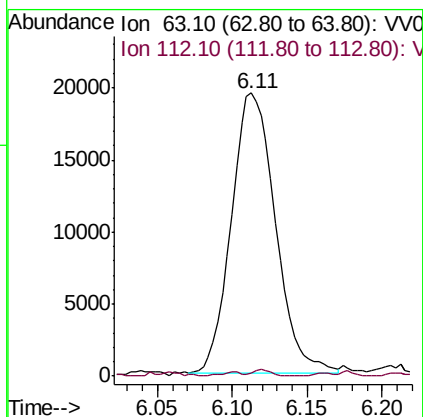
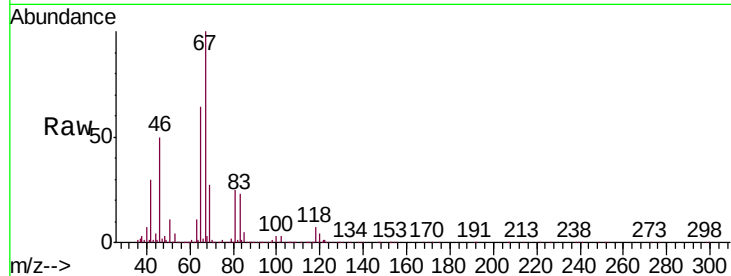




#37
 1,2-Dichloropropane
 Concen: 0.710 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014243.D
 Acq: 31 Dec 2019 17:04

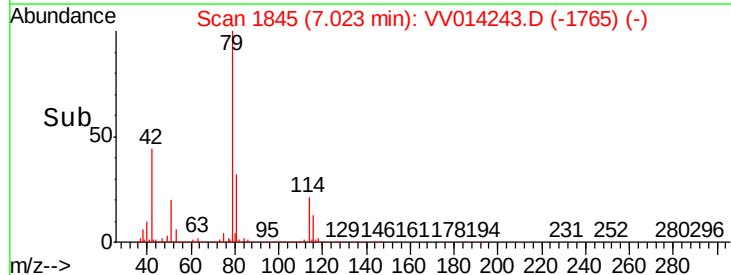
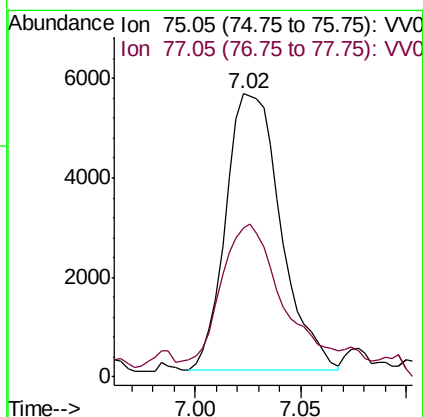
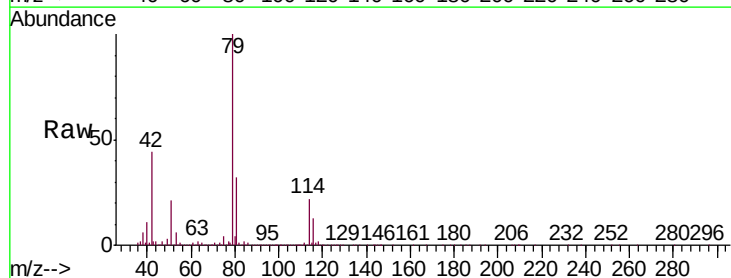
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK45

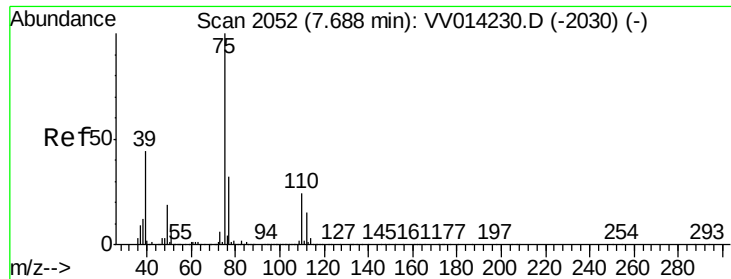
Tgt Ion: 63 Resp: 39544
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014243.D
 Acq: 31 Dec 2019 17:04

Tgt Ion: 75 Resp: 10122
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014243.D

Acq: 31 Dec 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

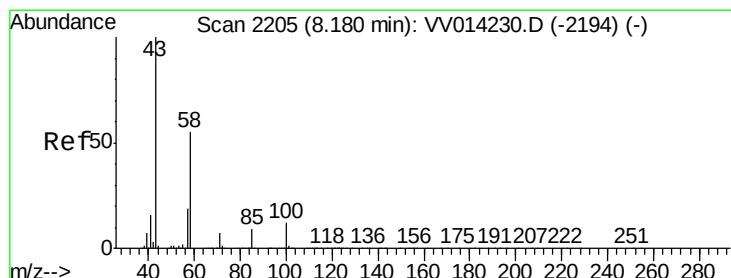
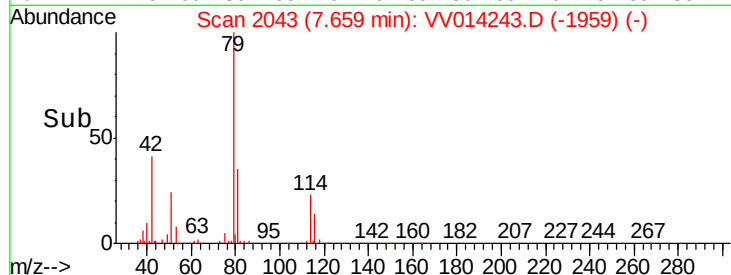
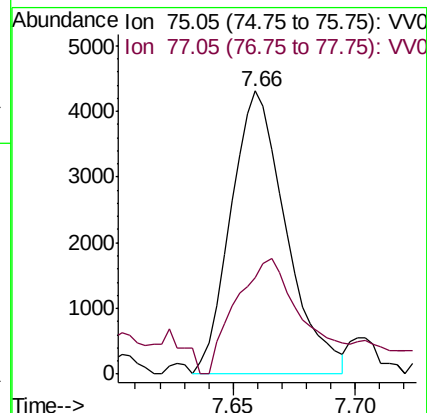
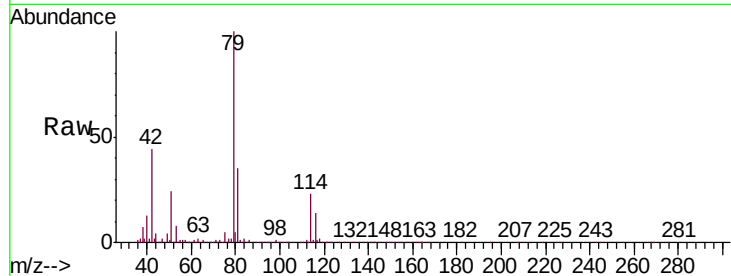
VIBLK45

Tgt Ion: 75 Resp: 6792

Ion Ratio Lower Upper

75 100

77 34.0 22.0 41.0



#48

2-Hexanone

Concen: 3.076 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014243.D

Acq: 31 Dec 2019 17:04

Tgt Ion: 43 Resp: 73723

Ion Ratio Lower Upper

43 100

58 27.7 45.4 68.0#

57 21.2 15.8 23.8

100 0.5 10.2 15.4#

