

Data File : VV014214.D
Acq On : 28 Dec 2019 14:08
Operator : SY/MD
Sample : K6432-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 30 00:33:50 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	808826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	339640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210325	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.58	69	186818	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.13	63	275575	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.92	46	589989	62.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.40%
24) Chloroform-d	4.40	84	481840	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	242383	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	1017145	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.11	67	319790	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	927118	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	131767	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.13	63	529071	52.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	221334	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	310876	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

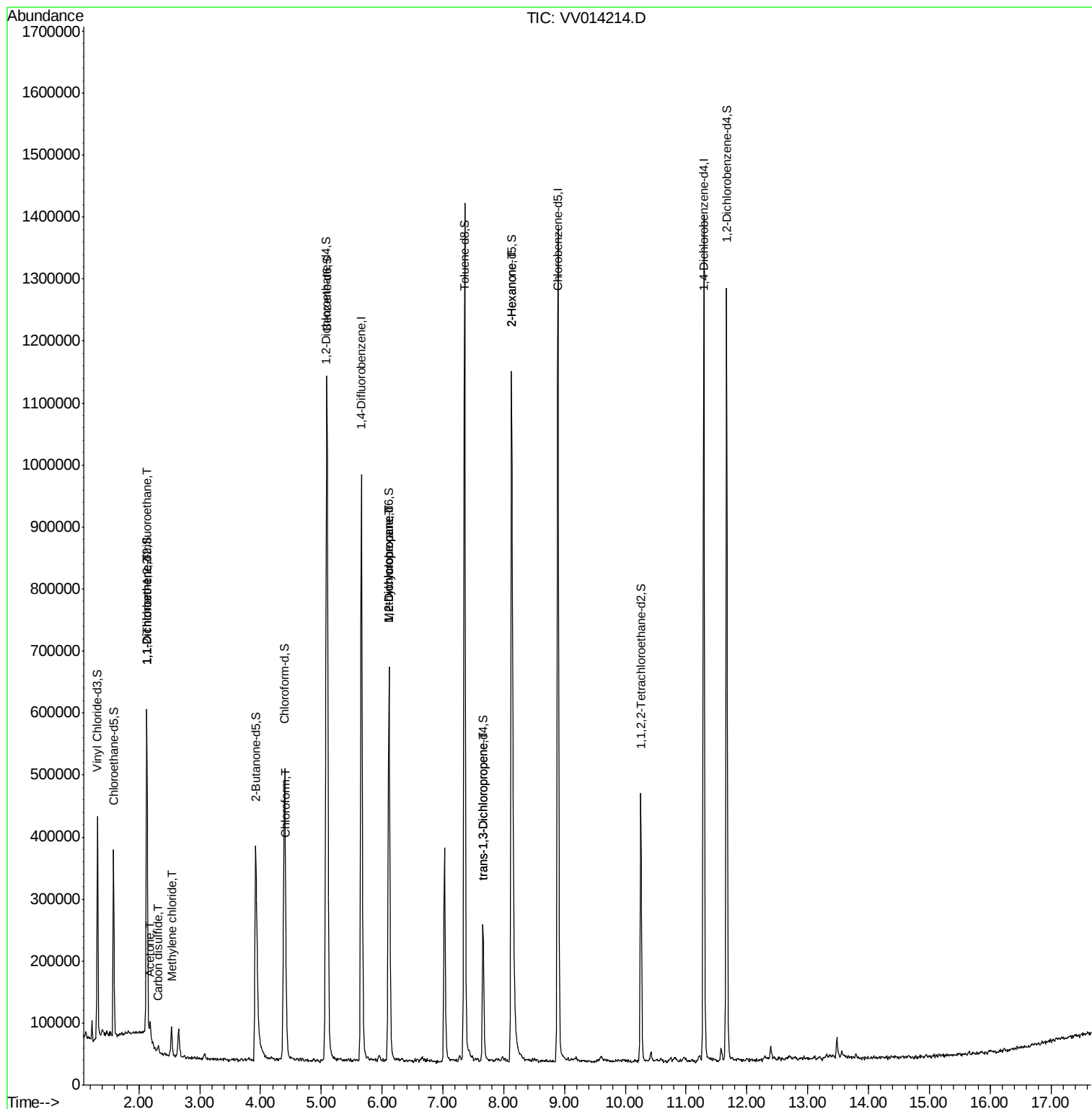
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3728	0.102	ug/L #	32
12) 1,1-Dichloroethene	2.13	96	3167	0.089	ug/L #	1
13) Acetone	2.19	43	12110	2.087	ug/L	93
14) Carbon disulfide	2.32	76	7642	0.049	ug/L #	69
16) Methylene chloride	2.54	84	19339	0.321	ug/L	97
25) Chloroform	4.42	83	23670	0.226	ug/L	97
35) Methylcyclohexane	6.11	83	74901	0.751	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	34503	0.636	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	4751	0.068	ug/L #	53
48) 2-Hexanone	8.13	43	62276	2.669	ug/L #	66

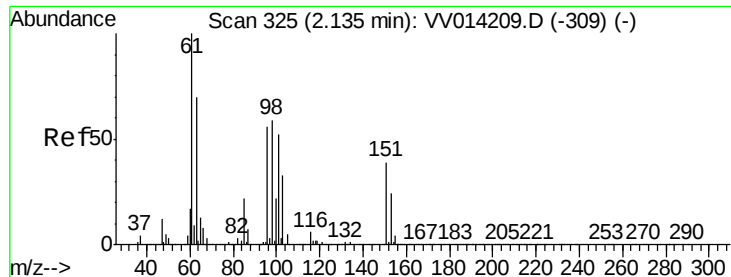
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.102 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 28 Dec 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

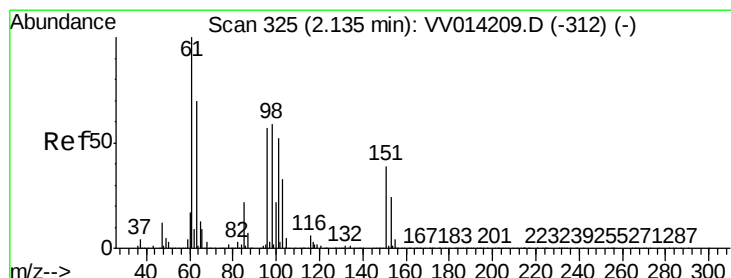
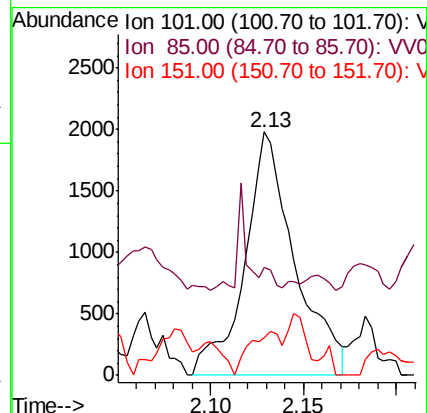
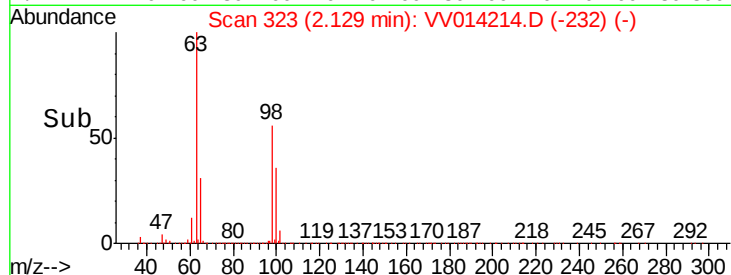
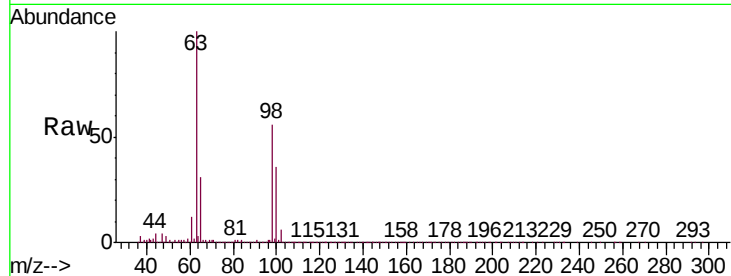
Tgt Ion: 101 Resp: 3728

Ion Ratio Lower Upper

101 100

85 10.7 34.9 52.3#

151 11.3 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV014214.D

Acq: 28 Dec 2019 14:08

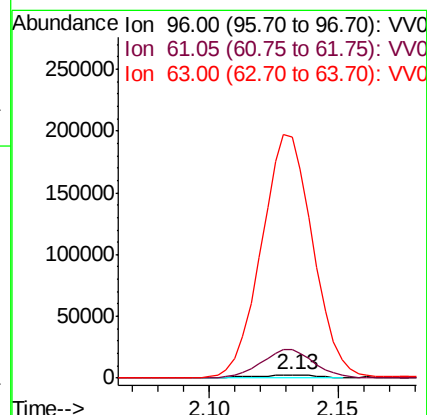
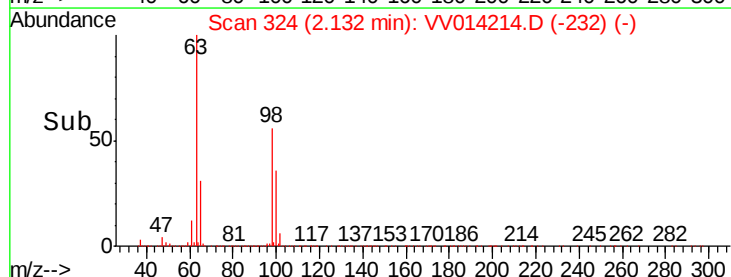
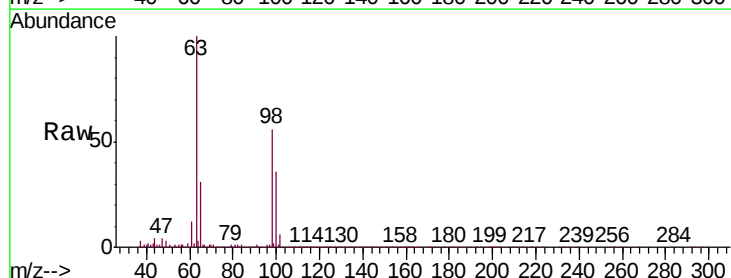
Tgt Ion: 96 Resp: 3167

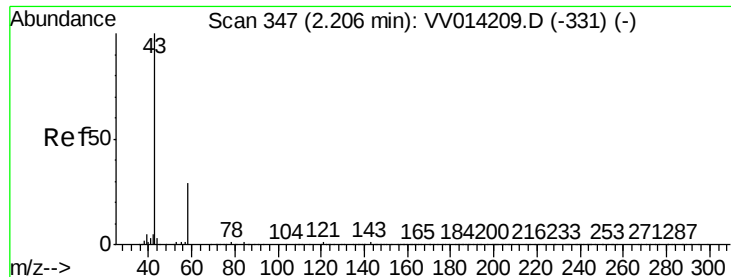
Ion Ratio Lower Upper

96 100

61 862.9 121.5 225.7#

63 7311.2 90.3 167.7#





#13

Acetone

Concen: 2.087 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014214.D

Acq: 28 Dec 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

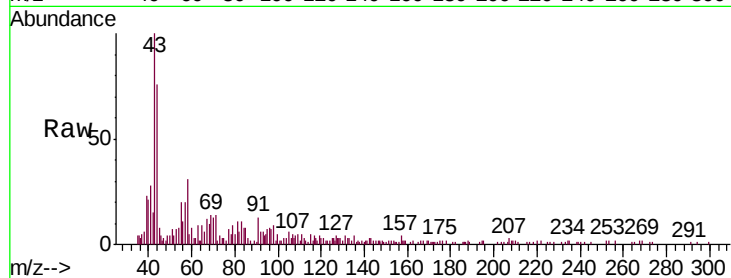
VHBLK01

Tgt Ion: 43 Resp: 12110

Ion Ratio Lower Upper

43 100

58 36.7 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

12000

10000

8000

6000

4000

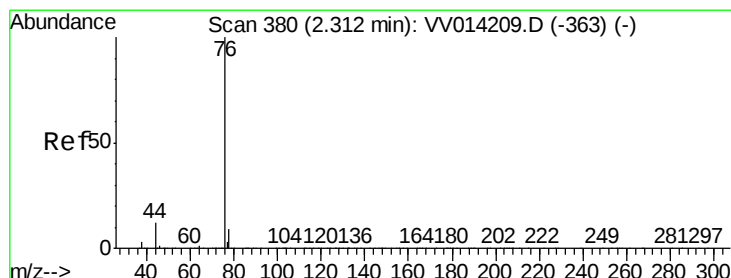
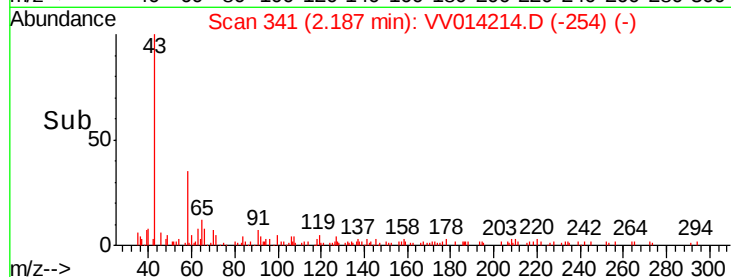
2000

0

2.15

2.20

Time-->



#14

Carbon disulfide

Concen: 0.049 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014214.D

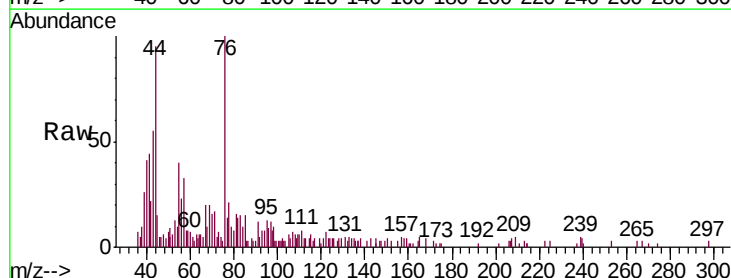
Acq: 28 Dec 2019 14:08

Tgt Ion: 76 Resp: 7642

Ion Ratio Lower Upper

76 100

78 20.6 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

5000

4000

3000

2000

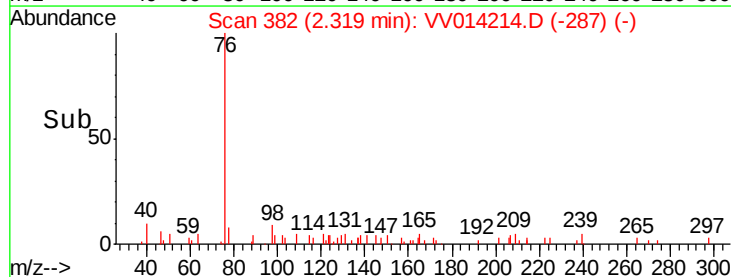
1000

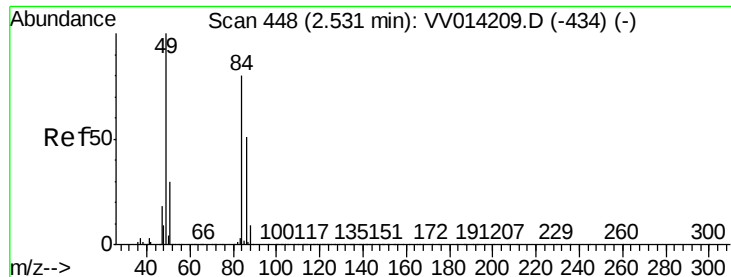
0

2.30

2.35

Time-->

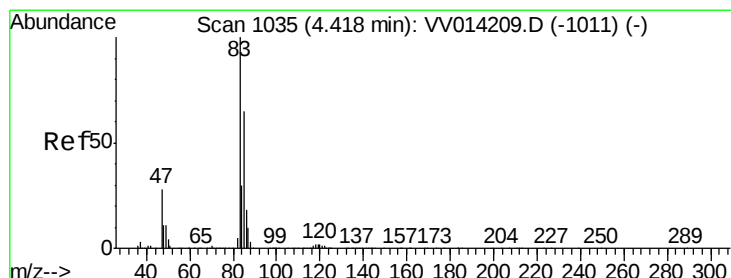
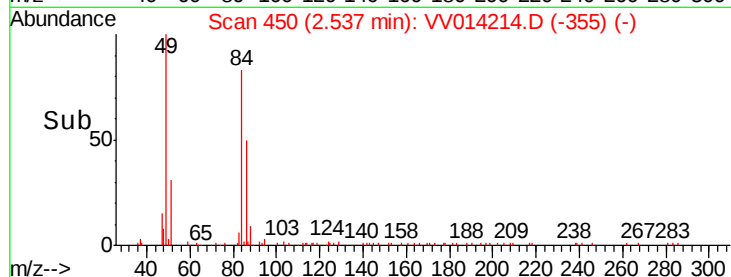
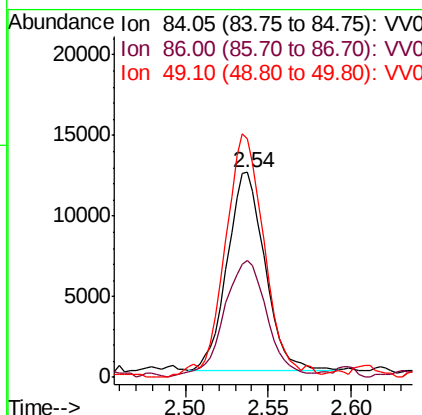
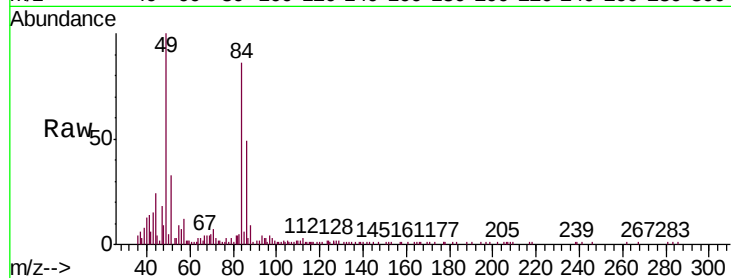




#16
Methylene chloride
Concen: 0.321 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV014214.D
Acq: 28 Dec 2019 14:08

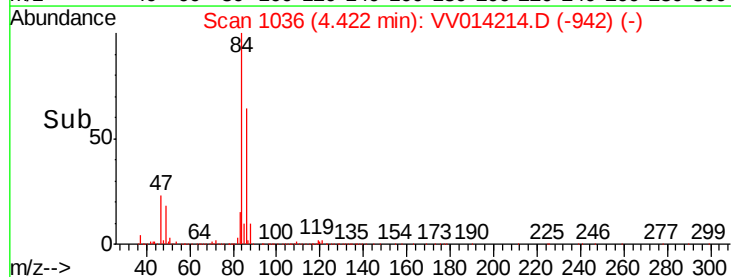
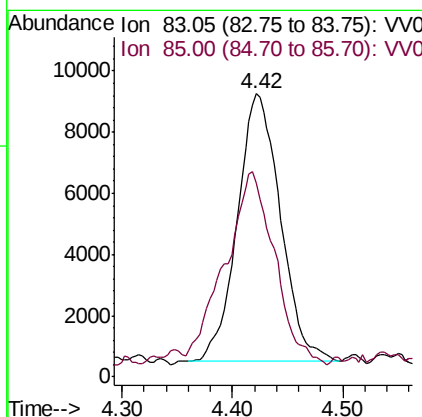
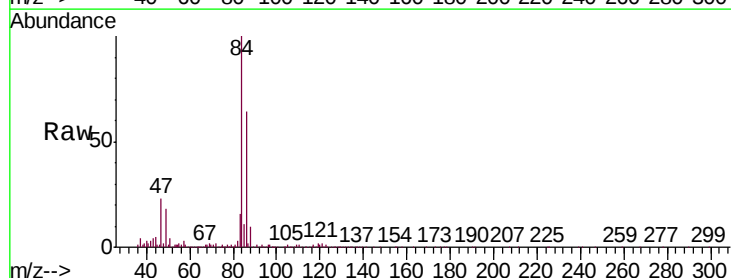
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

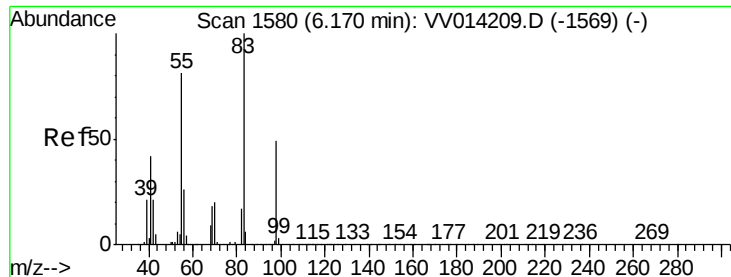
Tgt Ion: 84 Resp: 19339
Ion Ratio Lower Upper
84 100
86 57.1 43.1 80.1
49 116.4 82.1 152.5



#25
Chloroform
Concen: 0.226 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014214.D
Acq: 28 Dec 2019 14:08

Tgt Ion: 83 Resp: 23670
Ion Ratio Lower Upper
83 100
85 68.4 46.2 85.8





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014214.D

Acq: 28 Dec 2019 14:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

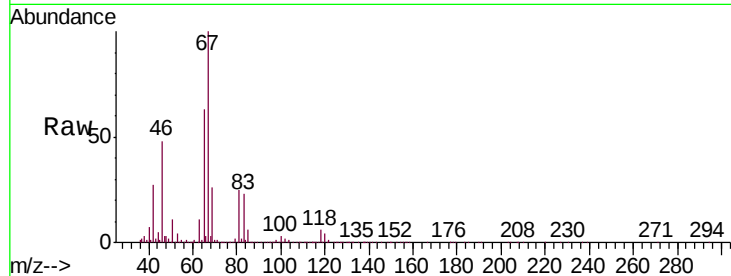
Tgt Ion: 83 Resp: 74901

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

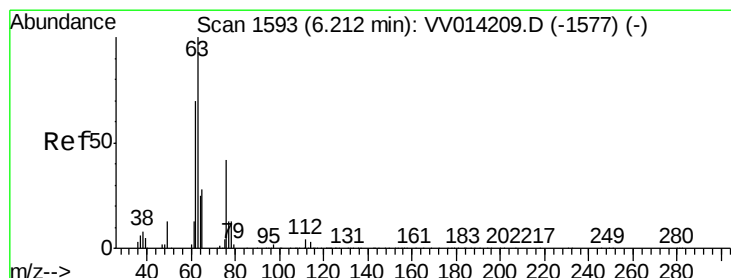
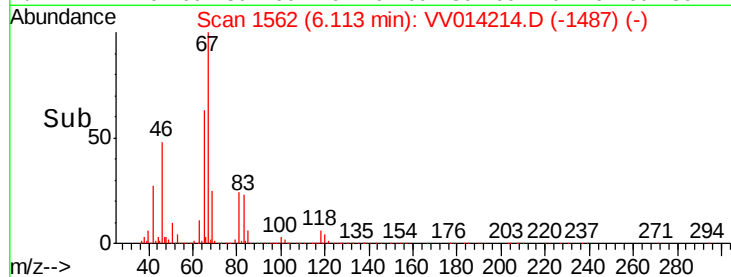
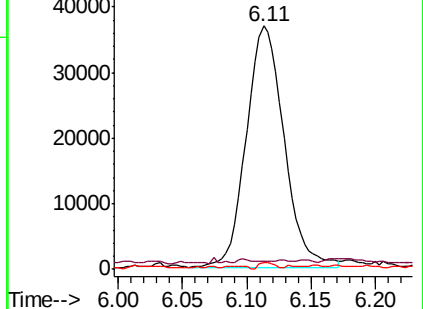
98 1.3 38.1 57.1#



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: 0.636 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014214.D

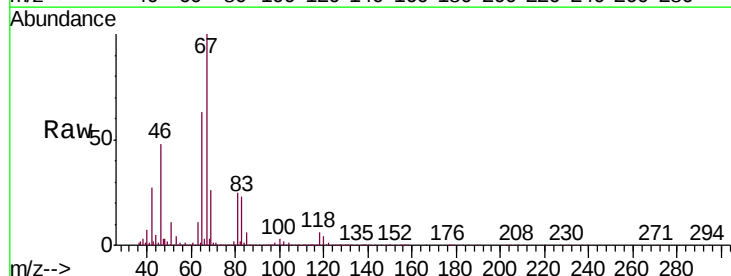
Acq: 28 Dec 2019 14:08

Tgt Ion: 63 Resp: 34503

Ion Ratio Lower Upper

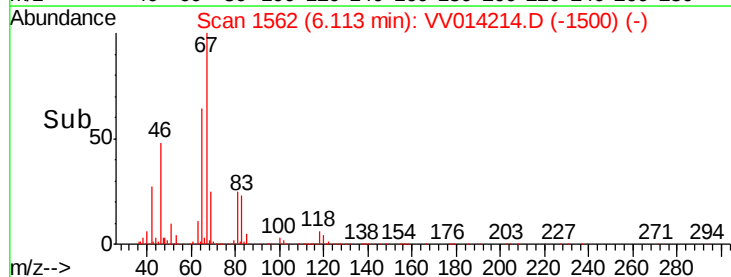
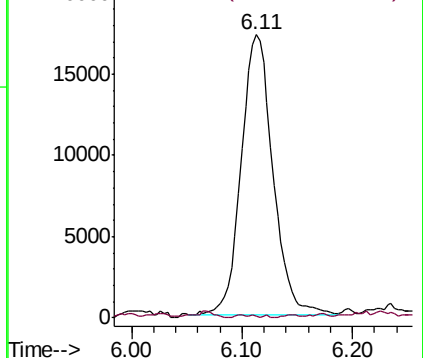
63 100

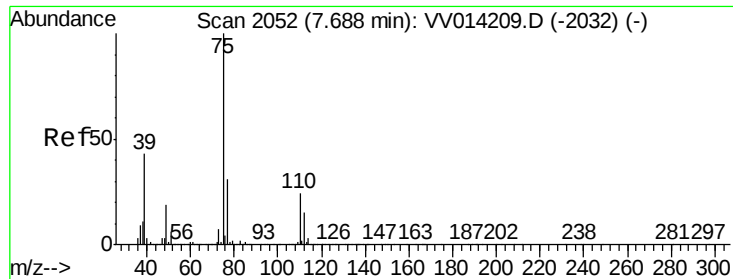
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014214.D

Acq: 28 Dec 2019 14:08

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MSVOA_V

ClientSampleId :

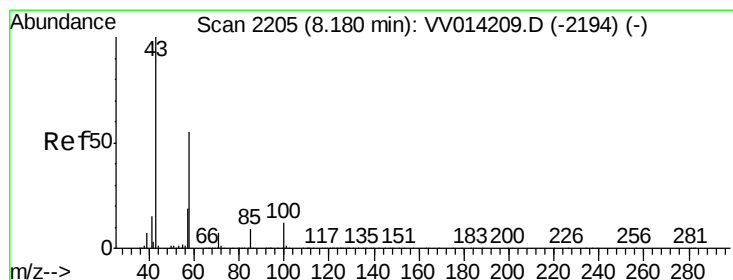
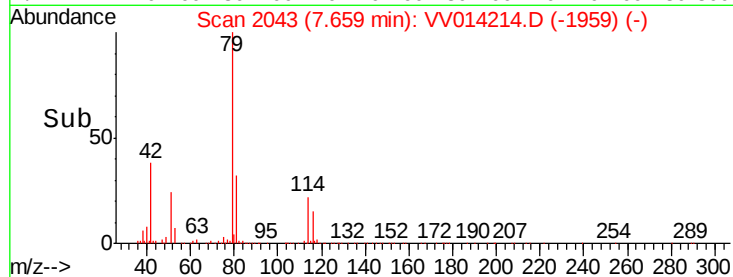
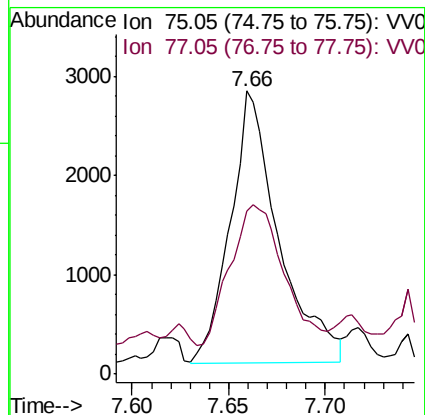
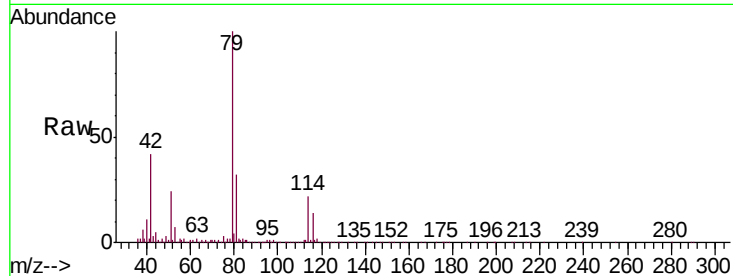
VHBLK01

Tgt Ion: 75 Resp: 4751

Ion Ratio Lower Upper

75 100

77 57.8 22.0 41.0#



#48

2-Hexanone

Concen: 2.669 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014214.D

Acq: 28 Dec 2019 14:08

Tgt Ion: 43 Resp: 62276

Ion Ratio Lower Upper

43 100

58 23.9 45.4 68.0#

57 17.9 15.8 23.8

100 0.6 10.2 15.4#

