

Data File : VV014394.D
Acq On : 24 Jan 2020 17:34
Operator : SY/MD
Sample : VIBLK20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK20

Quant Time: Jan 25 00:23:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	902210	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	815924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	379063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	226357	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.59	69	212550	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	263940	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.93	46	866897	57.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	4.40	84	594534	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	292980	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	1100668	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	380621	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	854815	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	134262	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.13	63	798875	56.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	283315	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	336958	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

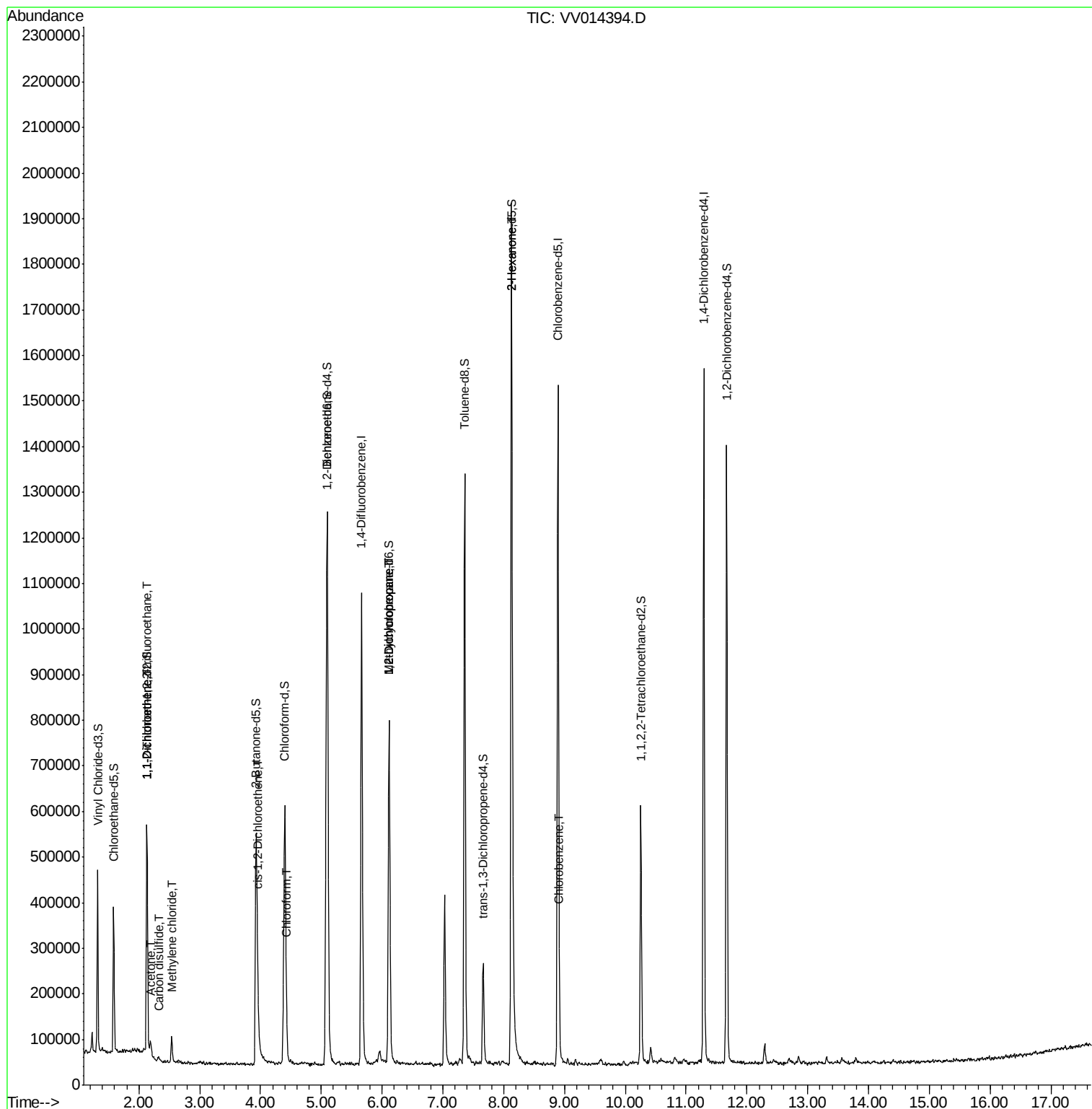
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3756	0.093	ug/L #	49
12) 1,1-Dichloroethene	2.14	96	3456	0.086	ug/L #	1
13) Acetone	2.19	43	23453	2.246	ug/L	93
14) Carbon disulfide	2.32	76	11797	0.066	ug/L #	89
16) Methylene chloride	2.54	84	24994	0.381	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	4682	0.070	ug/L #	95
25) Chloroform	4.43	83	15688	0.138	ug/L	97
35) Methylcyclohexane	6.11	83	88768	0.841	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	40232	0.634	ug/L #	90
48) 2-Hexanone	8.13	43	81743	2.956	ug/L #	67
51) Chlorobenzene	8.92	112	8498	0.052	ug/L #	87

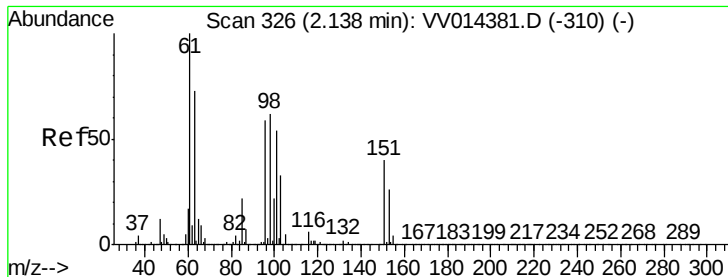
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VIBLK20

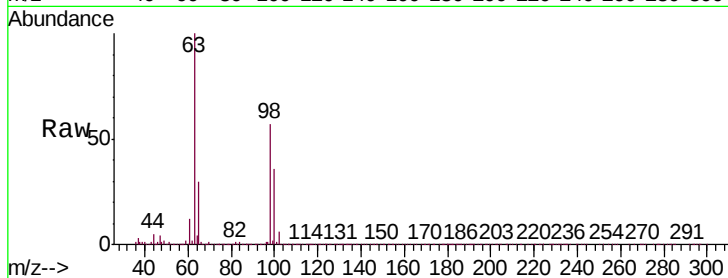
Tgt Ion: 101 Resp: 3756

Ion Ratio Lower Upper

101 100

85 16.0 34.9 52.3#

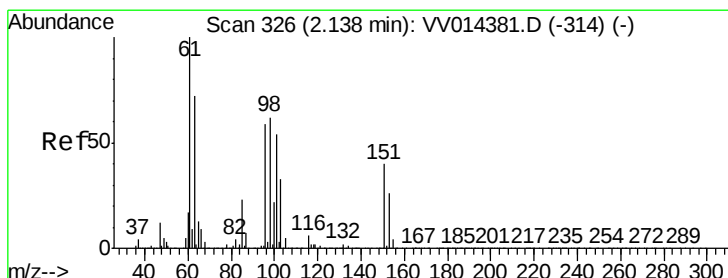
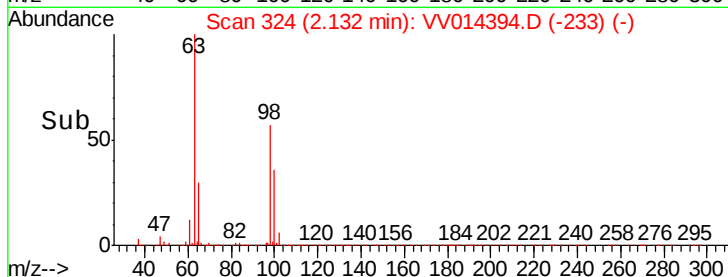
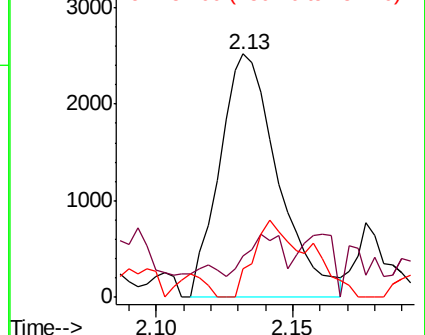
151 29.5 62.5 93.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014394.D

Acq: 24 Jan 2020 17:34

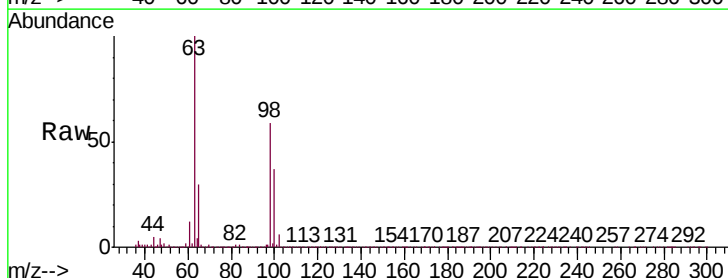
Tgt Ion: 96 Resp: 3456

Ion Ratio Lower Upper

96 100

61 905.0 121.5 225.7#

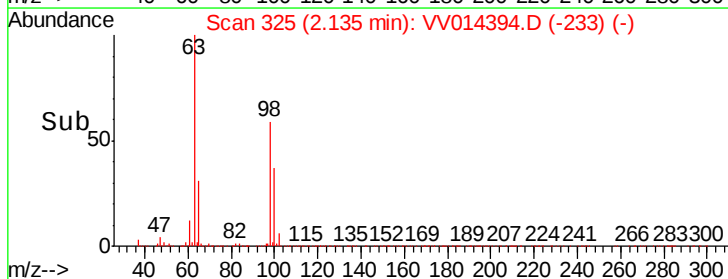
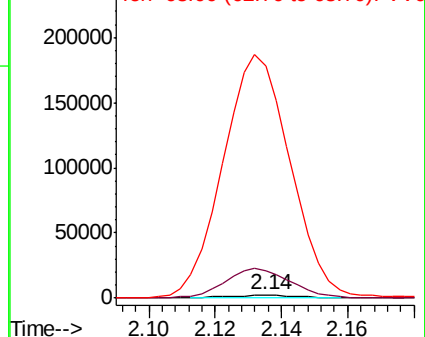
63 7625.8 90.3 167.7#

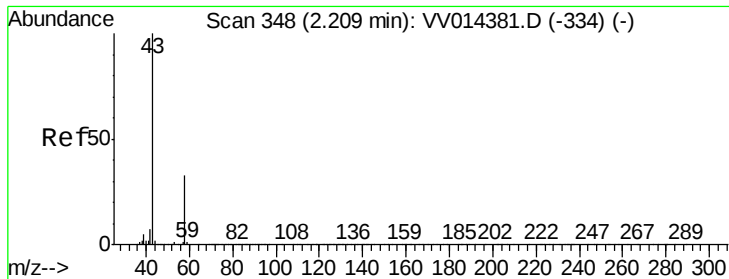


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.246 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

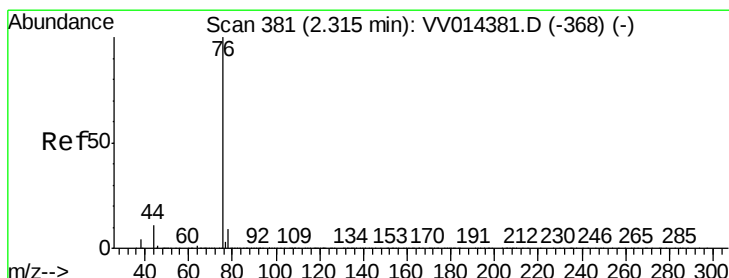
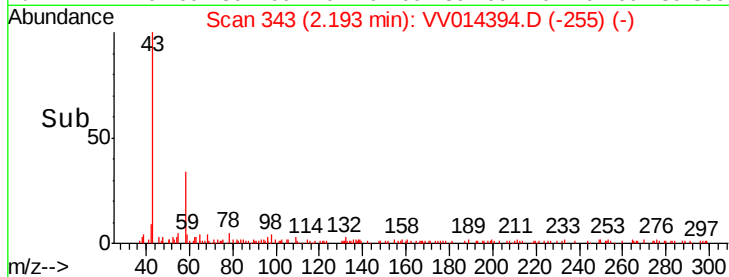
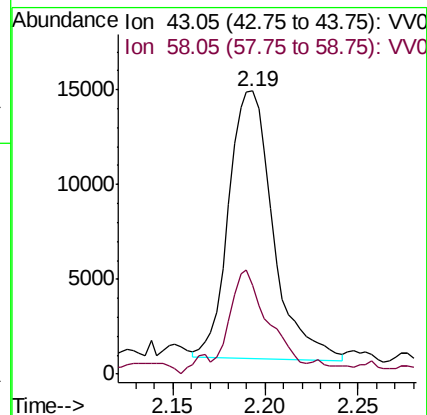
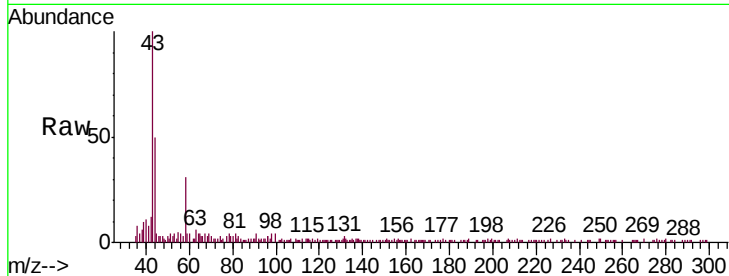
VIBLK20

Tgt Ion: 43 Resp: 23453

Ion Ratio Lower Upper

43 100

58 29.1 0.0 66.0



#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014394.D

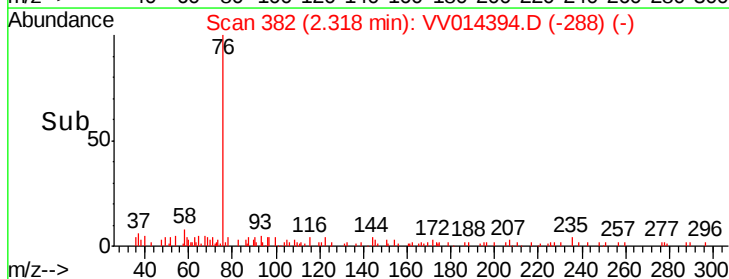
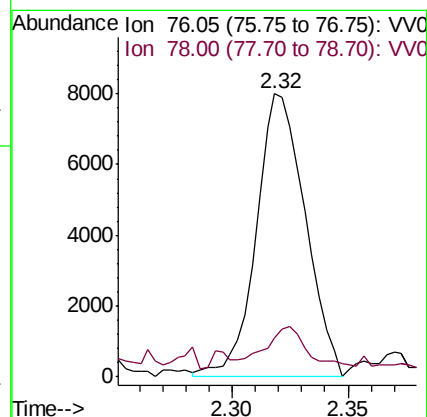
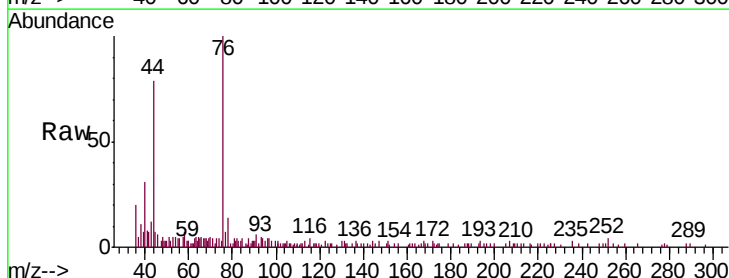
Acq: 24 Jan 2020 17:34

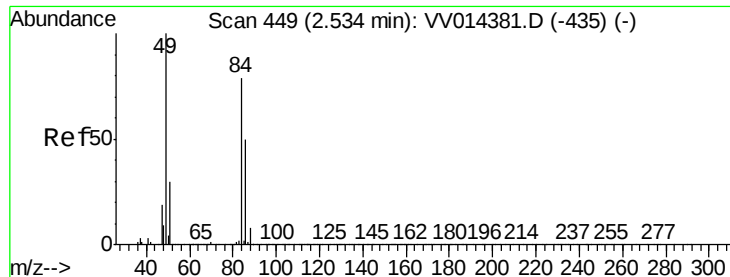
Tgt Ion: 76 Resp: 11797

Ion Ratio Lower Upper

76 100

78 13.5 7.5 11.3#

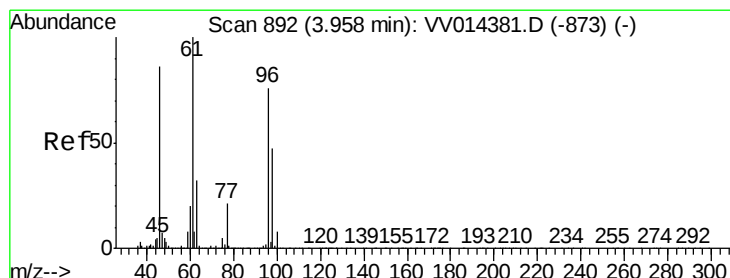
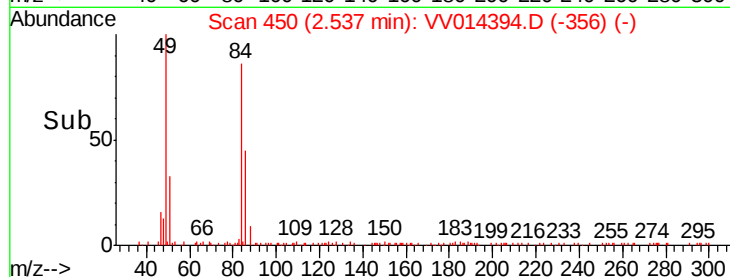
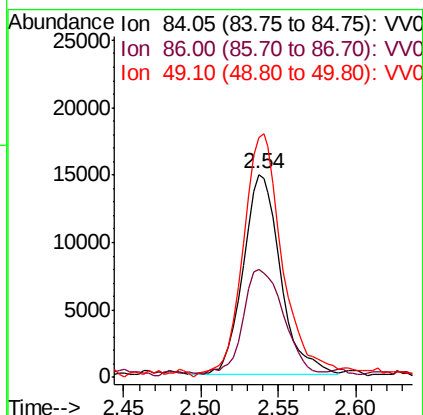
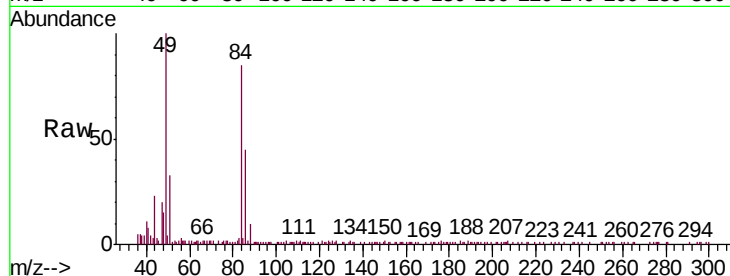




#16
Methylene chloride
Concen: 0.381 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014394.D
Acq: 24 Jan 2020 17:34

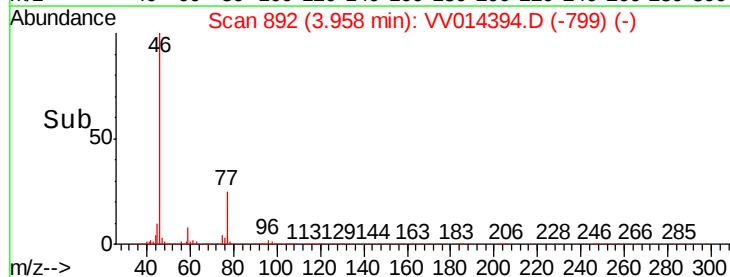
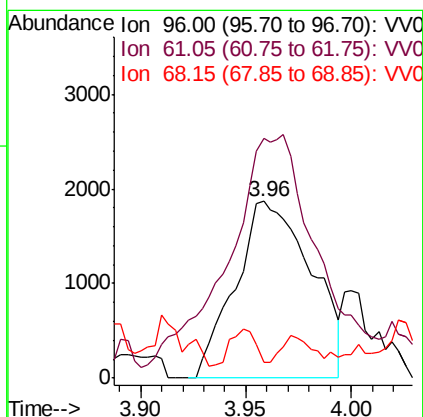
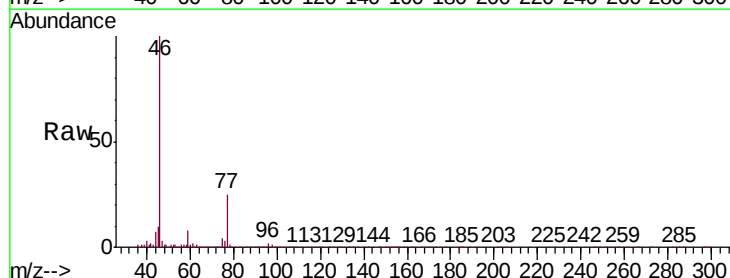
Instrument :
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ClientSampleId :
VIBLK20

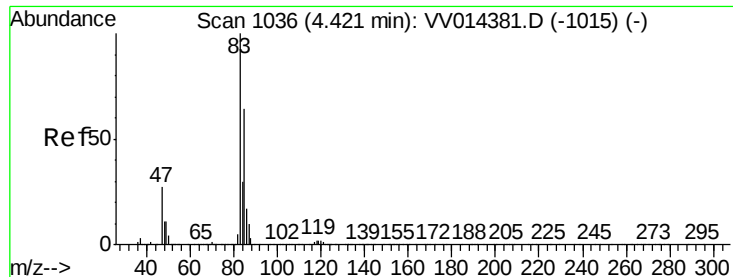
Tgt Ion: 84 Resp: 24994
Ion Ratio Lower Upper
84 100
86 53.4 43.1 80.1
49 118.3 82.1 152.5



#22
cis-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV014394.D
Acq: 24 Jan 2020 17:34

Tgt Ion: 96 Resp: 4682
Ion Ratio Lower Upper
96 100
61 135.7 90.6 168.3
68 8.8 0.3 0.7#





#25

Chloroform

Concen: 0.138 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VV014394.D

Acq: 24 Jan 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

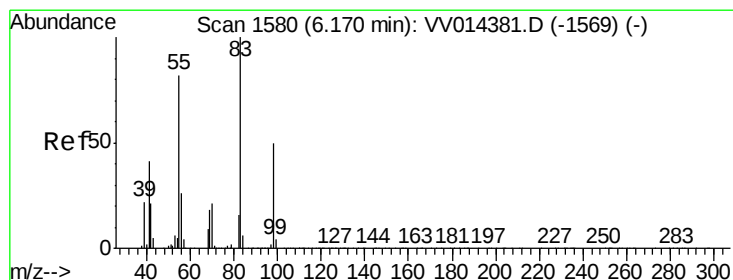
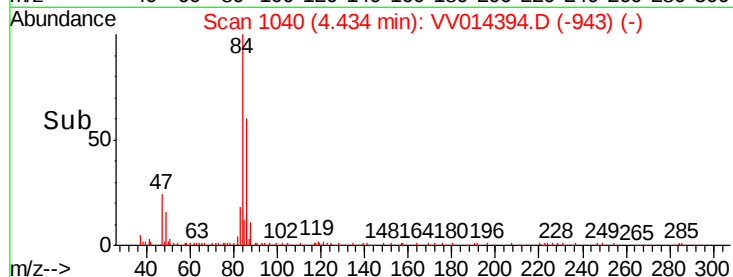
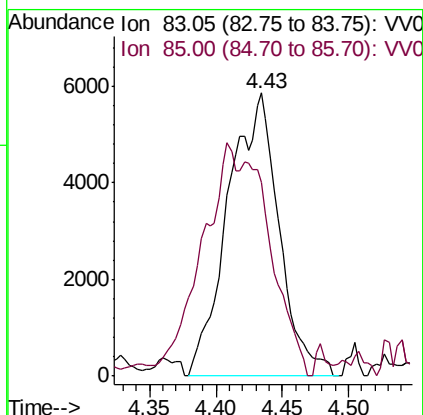
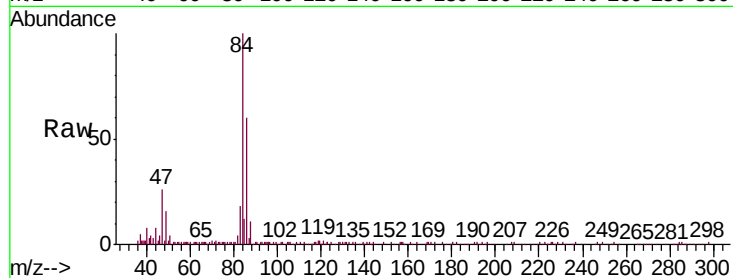
VIBLK20

Tgt Ion: 83 Resp: 15688

Ion Ratio Lower Upper

83 100

85 68.4 46.2 85.8



#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014394.D

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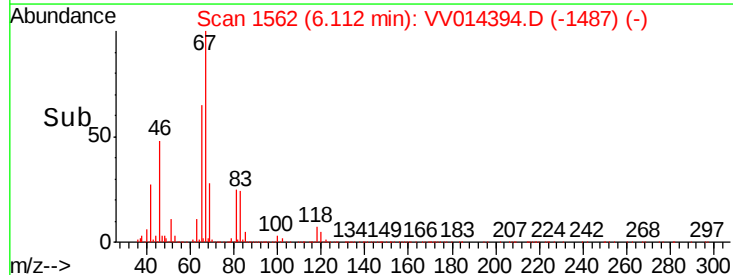
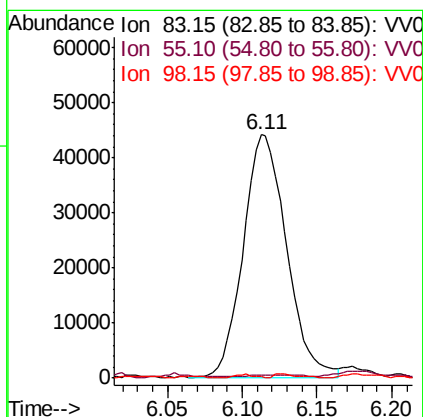
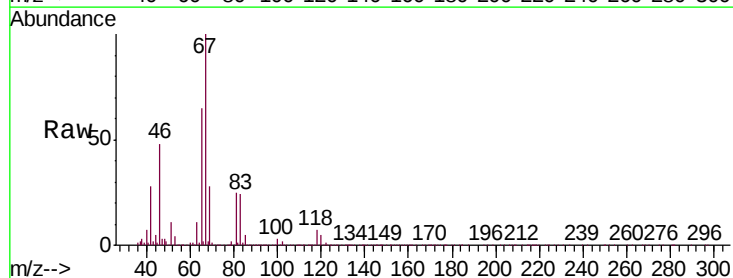
Tgt Ion: 83 Resp: 88768

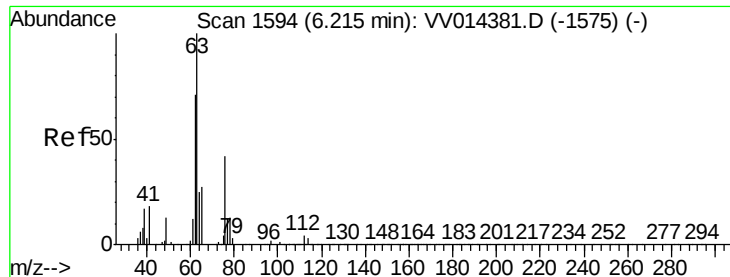
Ion Ratio Lower Upper

83 100

55 0.2 61.7 92.5#

98 0.7 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014394.D

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MSVOA_V

ClientSampleId :

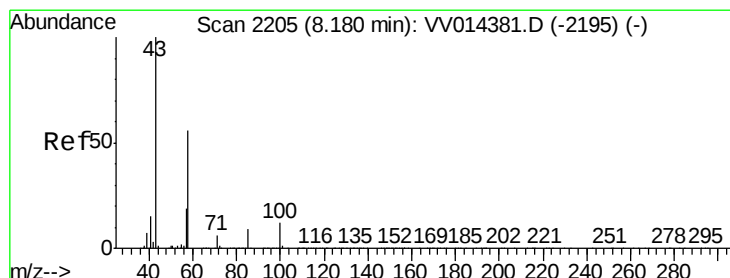
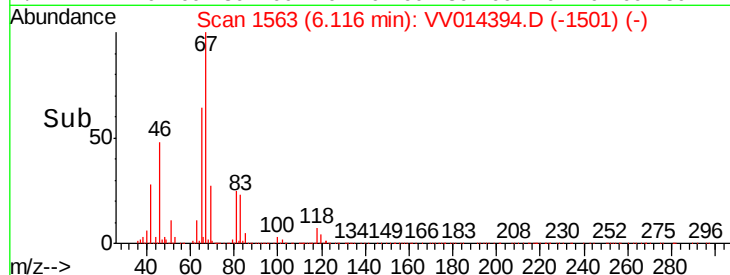
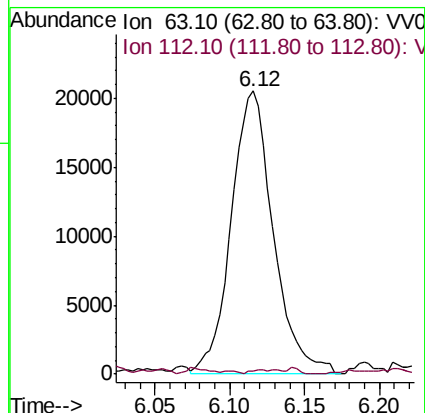
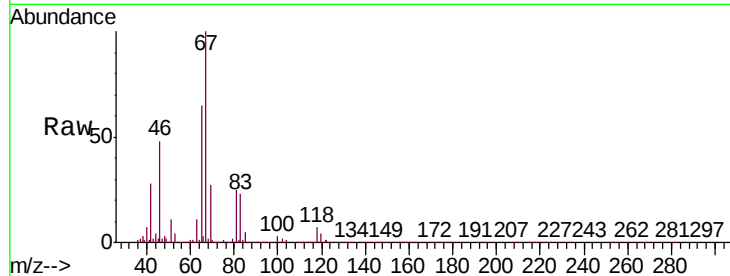
VIBLK20

Tgt Ion: 63 Resp: 40232

Ion Ratio Lower Upper

63 100

112 1.1 3.7 5.5#



#48

2-Hexanone

Concen: 2.956 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014394.D

Acq: 24 Jan 2020 17:34

Tgt Ion: 43 Resp: 81743

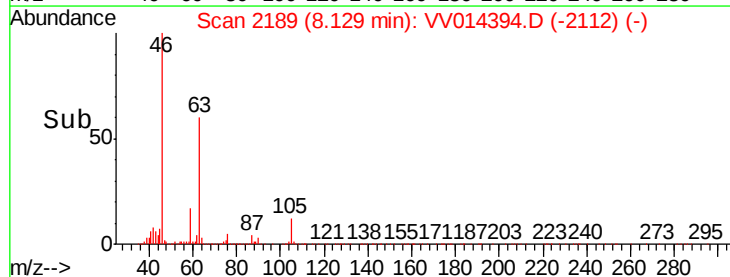
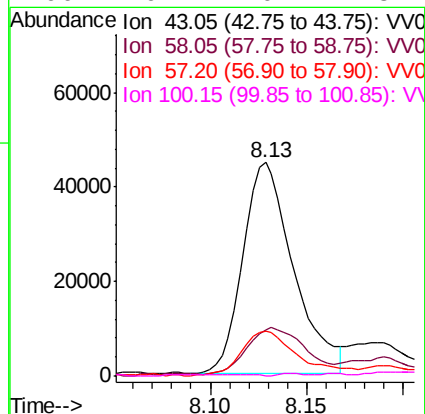
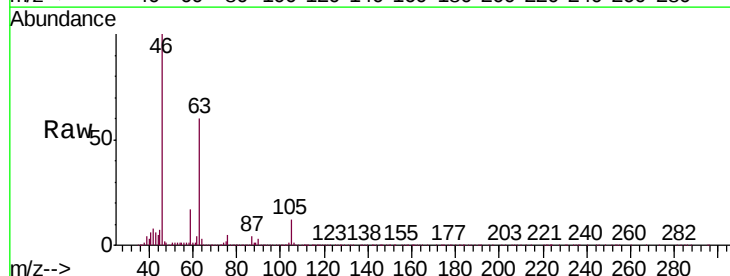
Ion Ratio Lower Upper

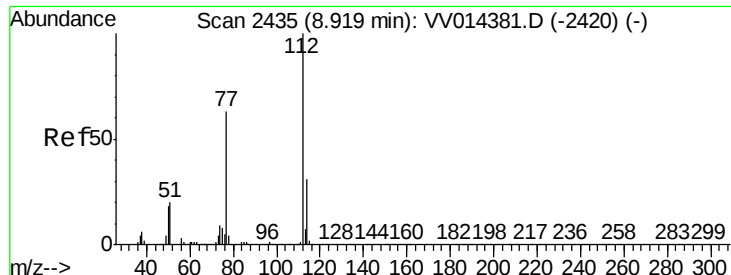
43 100

58 25.2 45.4 68.0#

57 23.6 15.8 23.8

100 0.7 10.2 15.4#





#51

Chlorobenzene

Concen: 0.052 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014394.D

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Tgt Ion:112 Resp: 8498

Ion Ratio Lower Upper

112 100

114 29.7 22.5 41.7

77 75.3 49.3 73.9#

