

Data File : VV014063.D
Acq On : 16 Dec 2019 11:28
Operator : SY/MD
Sample : VV1216WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Quant Time: Dec 17 05:45:10 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	381083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	377294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150259	6.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.40%
7) Chloroethane-d5	1.58	69	123044	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.12	63	187481	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	220151	44.90	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.80%
24) Chloroform-d	4.39	84	225282	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	109560	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.09	84	476194	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.11	67	141665	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.35	98	402121	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.66	79	49231	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.14	63	147697	35.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.92%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	84174	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	153031	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

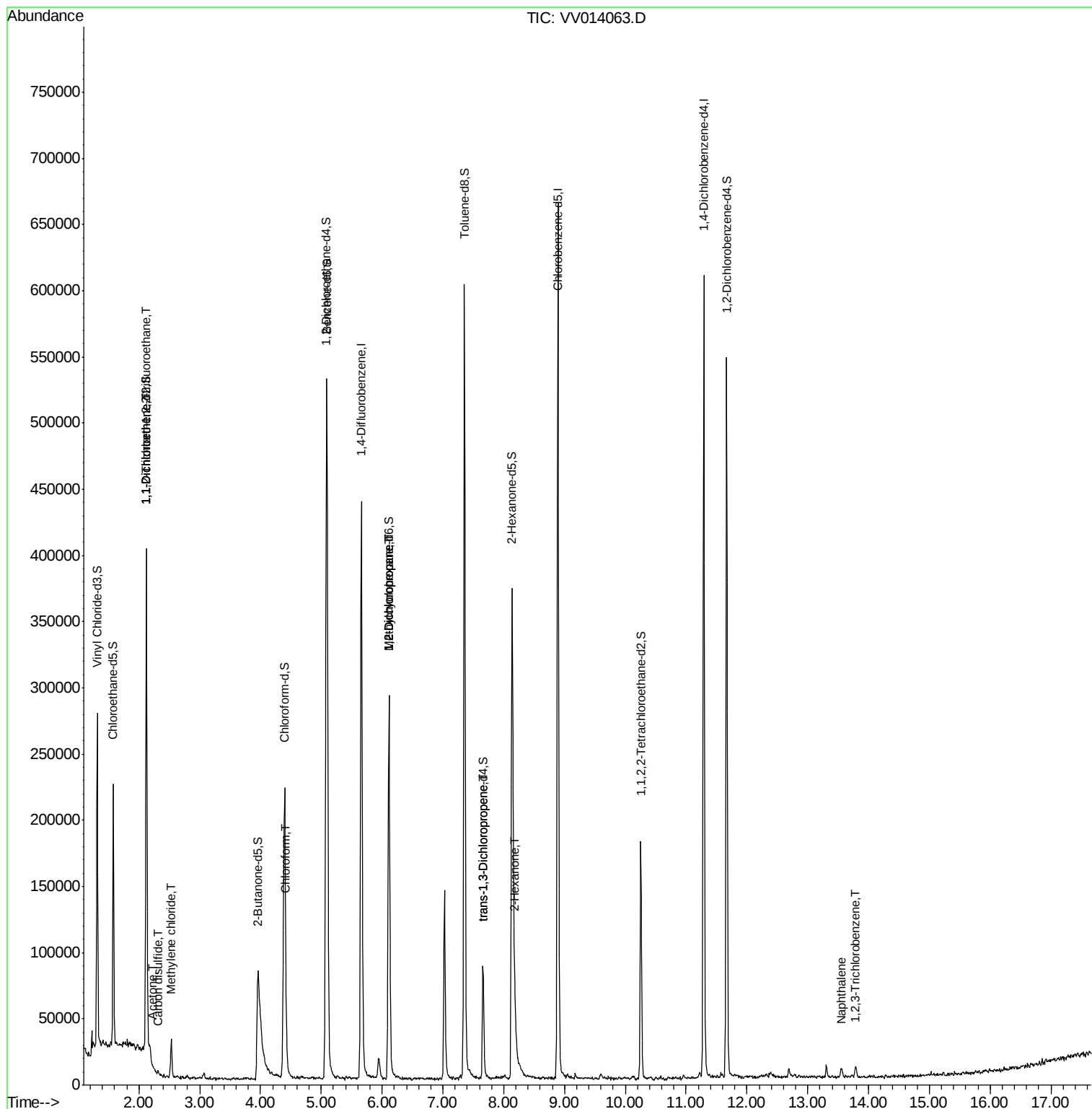
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2418	0.115	ug/L #	32
12) 1,1-Dichloroethene	2.13	96	2187	0.119	ug/L #	1
13) Acetone	2.23	43	5034	1.468	ug/L	79
14) Carbon disulfide	2.31	76	1920	0.045	ug/L #	58
16) Methylene chloride	2.53	84	11401	0.454	ug/L	95
25) Chloroform	4.42	83	9987	0.228	ug/L	87
35) Methylcyclohexane	6.11	83	34389	1.009	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15017	0.631	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2083	0.079	ug/L #	81
48) 2-Hexanone	8.18	43	18139	1.831	ug/L	97
69) Naphthalene	13.55	128	5614	0.121	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.79	180	2553	0.082	ug/L #	88

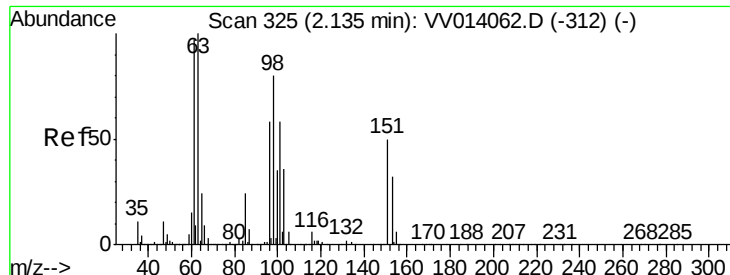
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.115 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

Instrument :

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ClientSampleId :

VBLK36

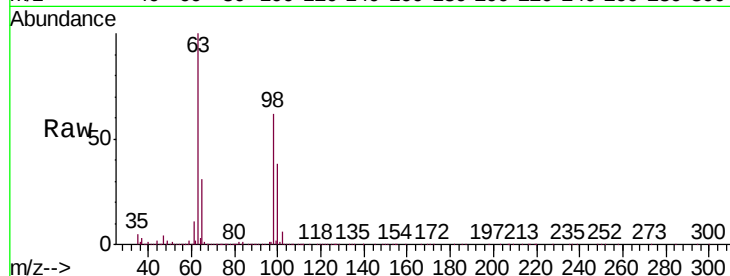
Tgt Ion:101 Resp: 2418

Ion Ratio Lower Upper

101 100

85 12.9 33.4 50.0#

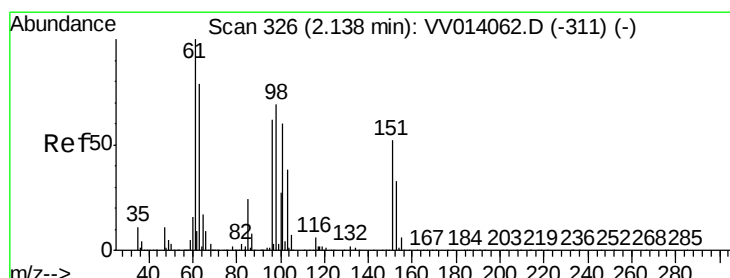
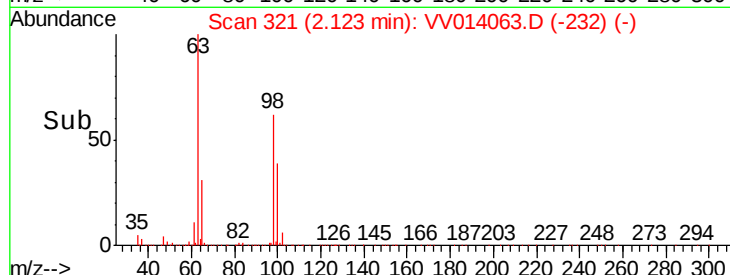
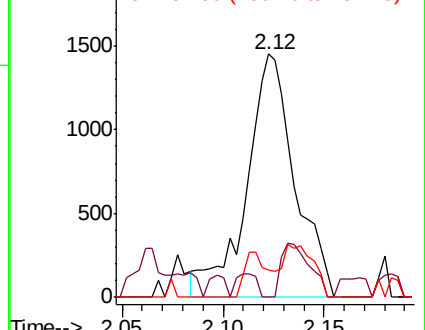
151 13.5 69.4 104.0#



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: 0.119 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

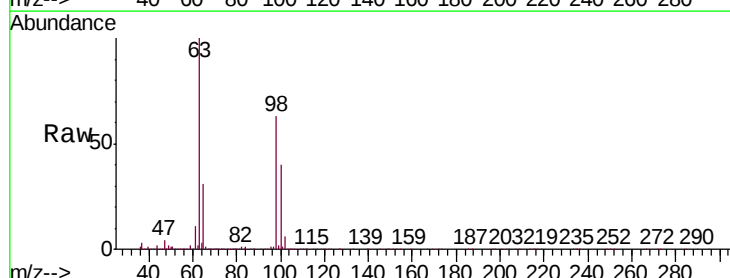
Tgt Ion: 96 Resp: 2187

Ion Ratio Lower Upper

96 100

61 1140.0 116.3 215.9#

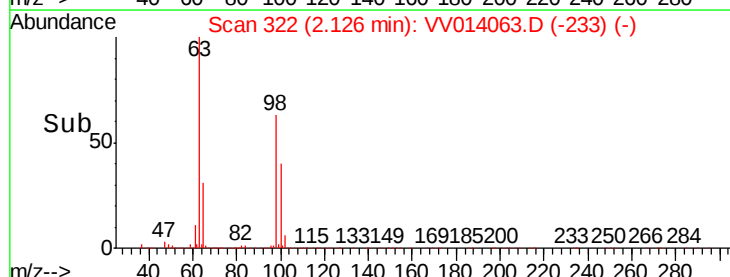
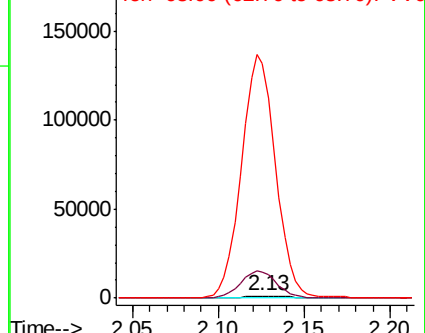
63 10062.7 96.7 179.7#

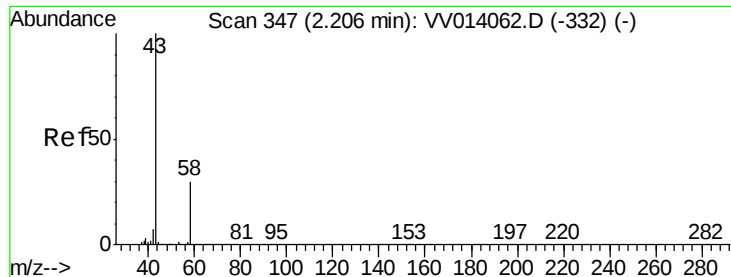


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.468 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

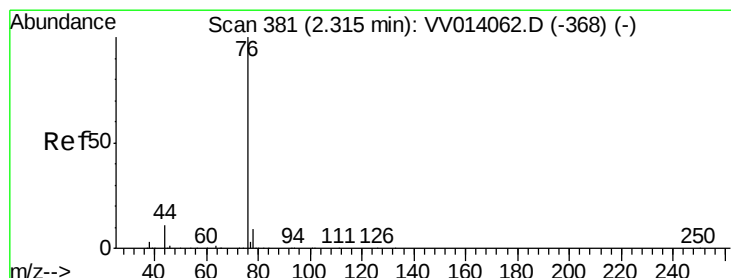
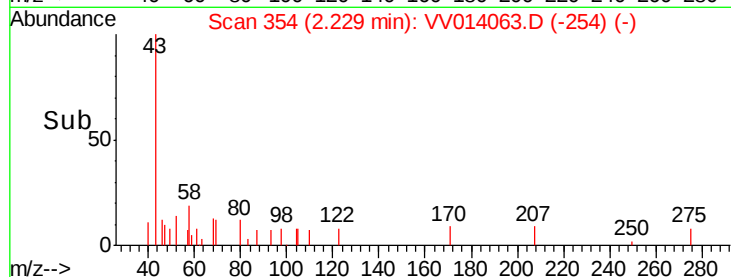
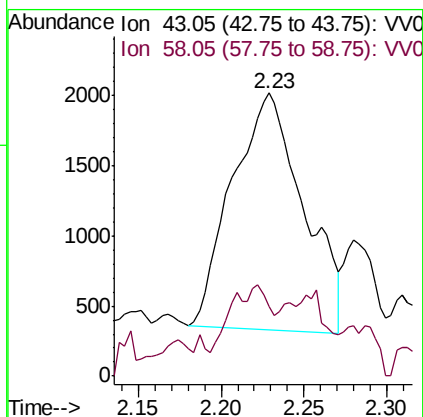
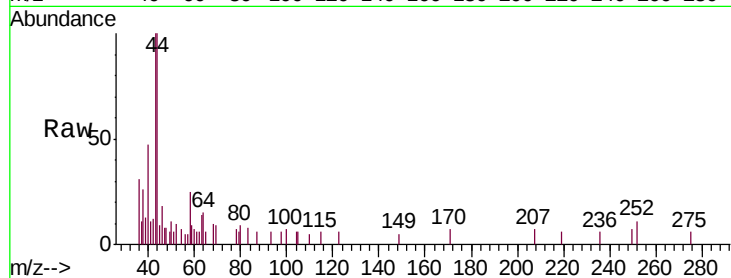
VBLK36

Tgt Ion: 43 Resp: 5034

Ion Ratio Lower Upper

43 100

58 5.3 0.0 27.2



#14

Carbon disulfide

Concen: 0.045 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV014063.D

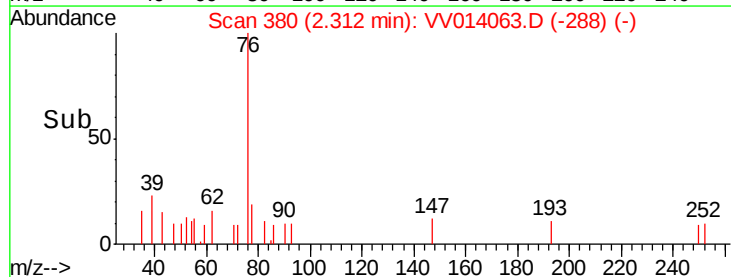
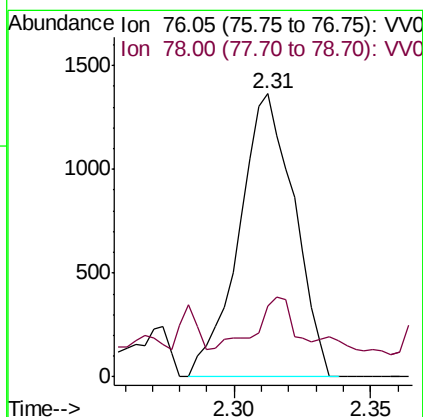
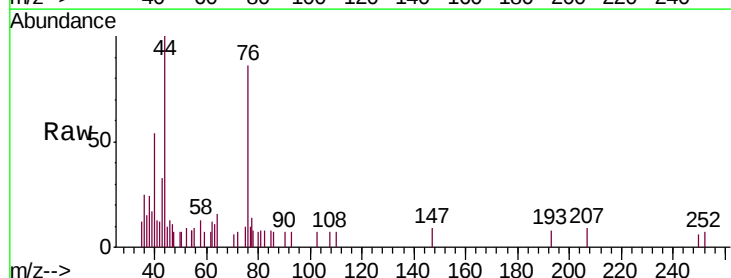
Acq: 16 Dec 2019 11:28

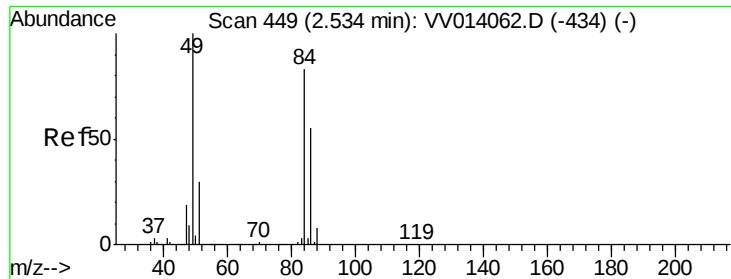
Tgt Ion: 76 Resp: 1920

Ion Ratio Lower Upper

76 100

78 24.9 7.5 11.3#

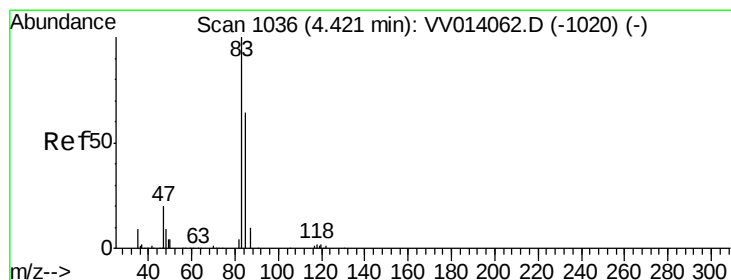
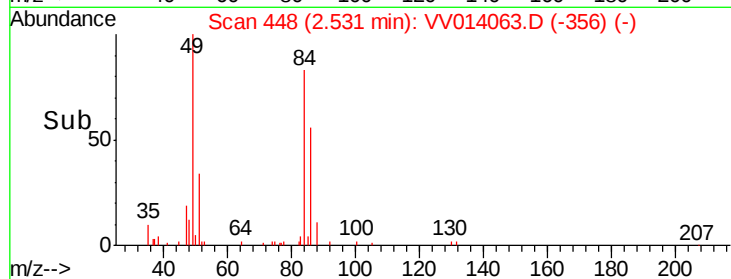
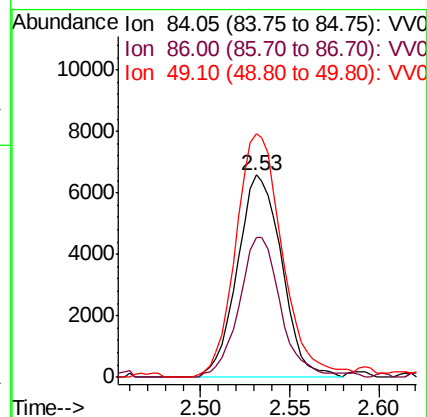
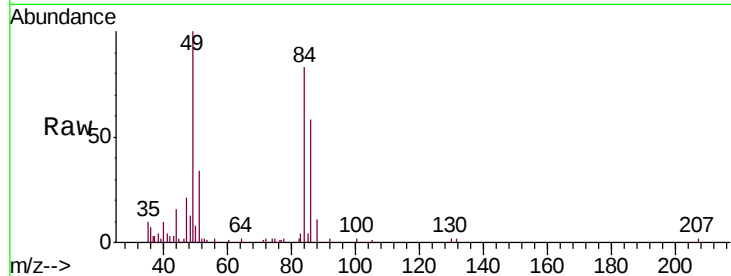




#16
Methylene chloride
Concen: 0.454 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV014063.D
Acq: 16 Dec 2019 11:28

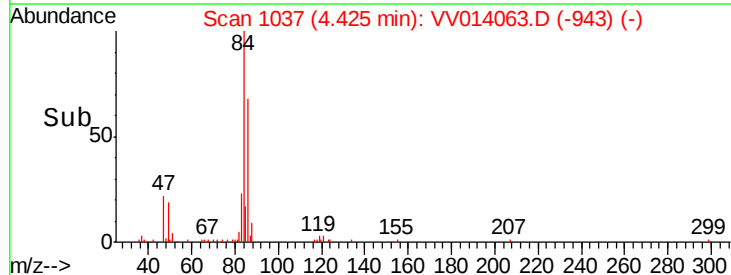
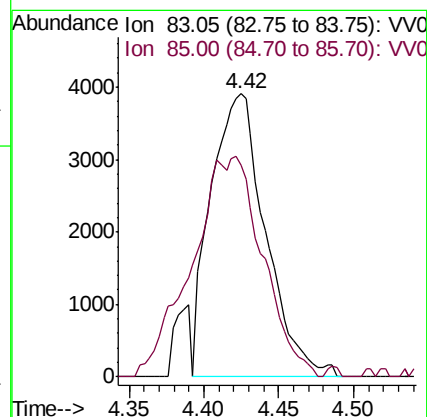
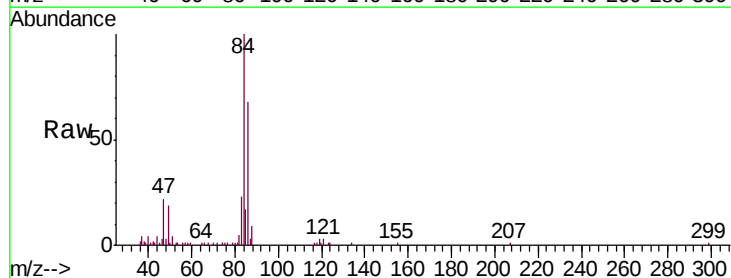
Instrument :
MSVOA_V
ClientSampleId :
VBLK36

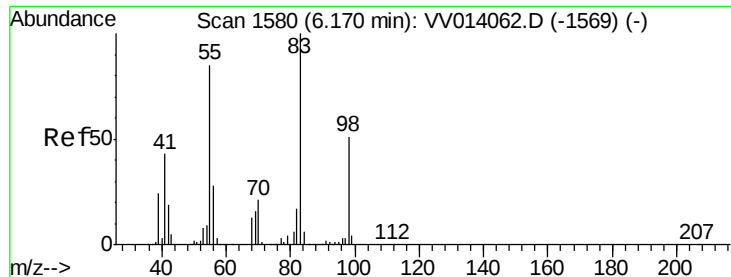
Tgt Ion: 84 Resp: 11401
Ion Ratio Lower Upper
84 100
86 69.3 44.0 81.6
49 120.2 81.5 151.5



#25
Chloroform
Concen: 0.228 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014063.D
Acq: 16 Dec 2019 11:28

Tgt Ion: 83 Resp: 9987
Ion Ratio Lower Upper
83 100
85 75.0 45.1 83.7





#35

Methylcyclohexane

Concen: 1.009 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK36

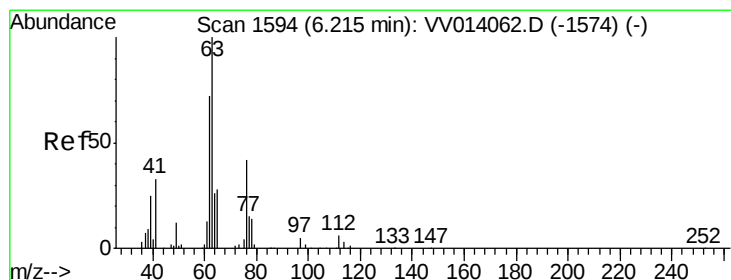
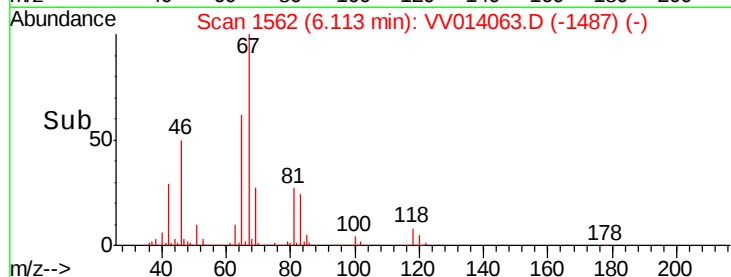
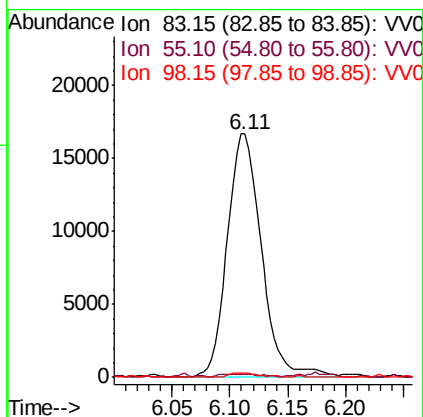
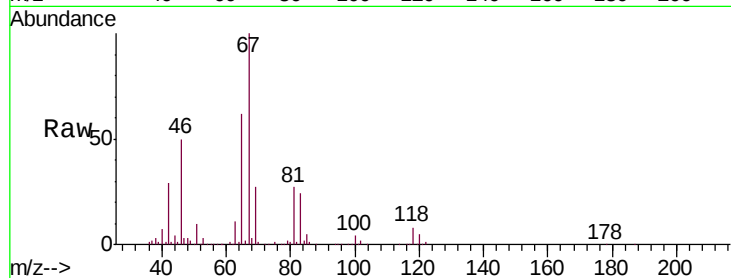
Tgt Ion: 83 Resp: 34389

Ion Ratio Lower Upper

83 100

55 0.8 60.3 90.5#

98 0.0 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014063.D

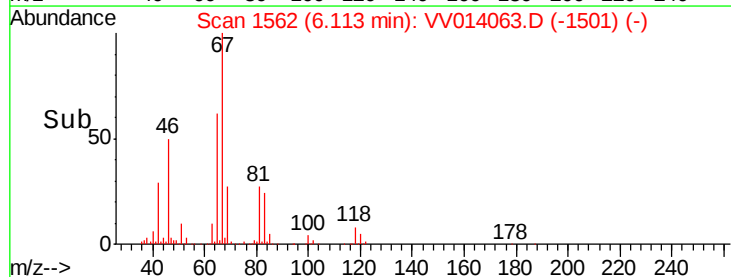
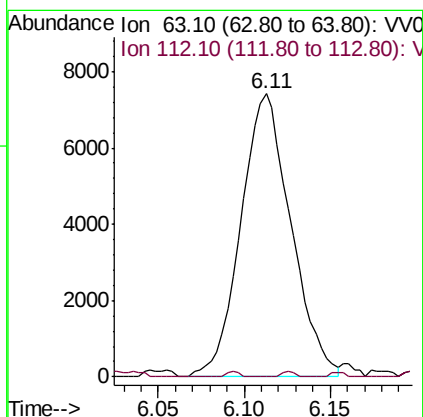
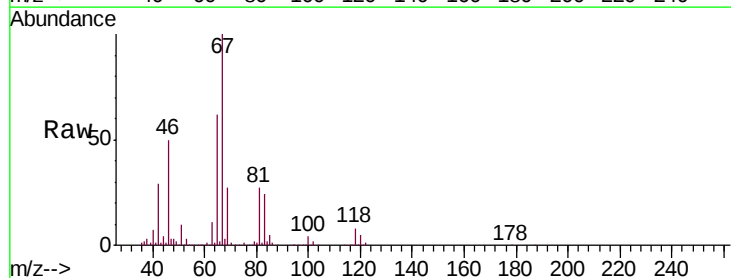
Acq: 16 Dec 2019 11:28

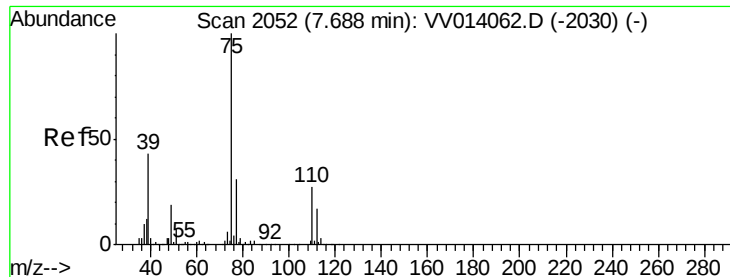
Tgt Ion: 63 Resp: 15017

Ion Ratio Lower Upper

63 100

112 0.5 4.4 6.6#





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

Instrument :

MSVOA_V

ClientSampleId :

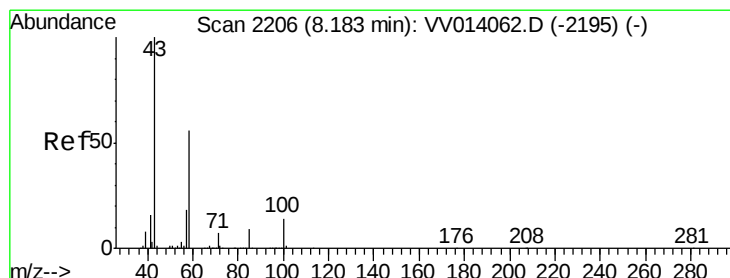
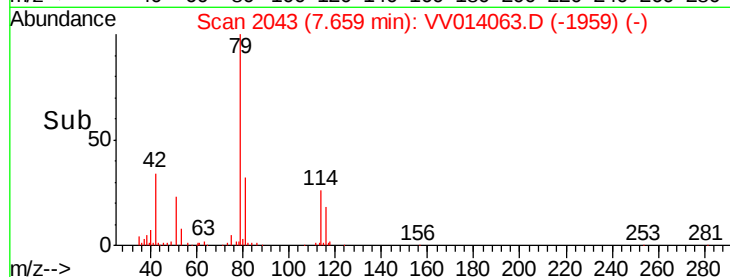
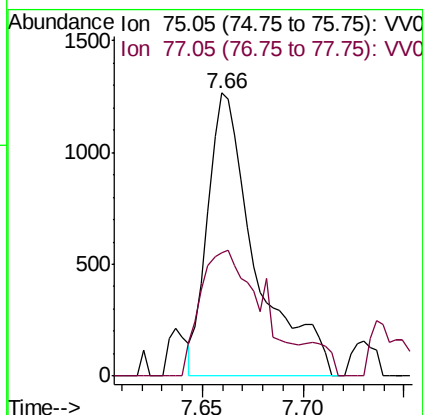
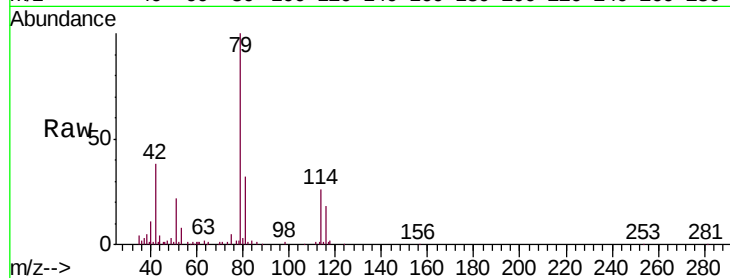
VBLK36

Tgt Ion: 75 Resp: 2083

Ion Ratio Lower Upper

75 100

77 43.8 23.0 42.8#



#48

2-Hexanone

Concen: 1.831 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

Tgt Ion: 43 Resp: 18139

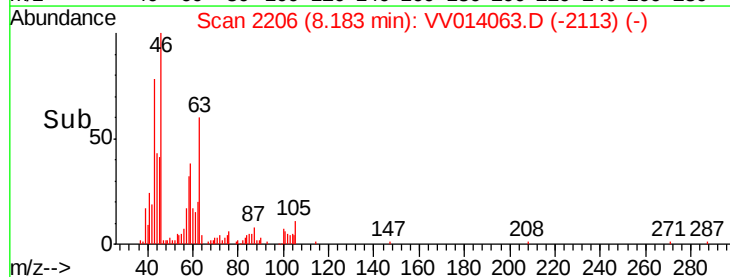
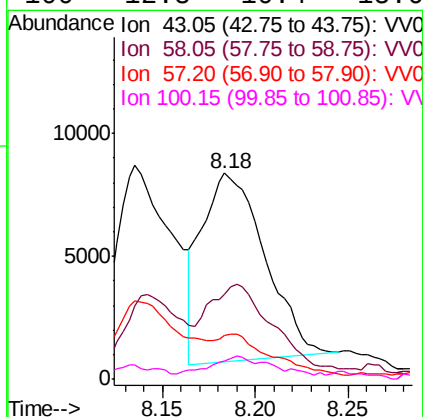
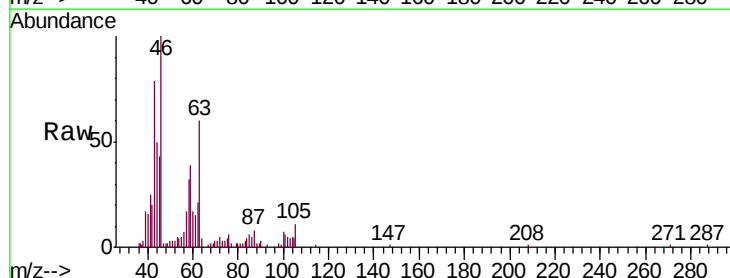
Ion Ratio Lower Upper

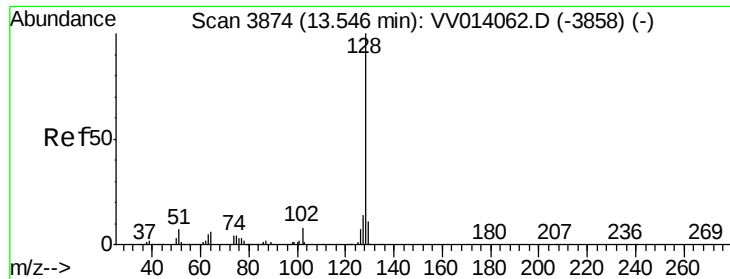
43 100

58 50.9 43.2 64.8

57 18.5 15.4 23.2

100 12.8 10.4 15.6





#69

Naphthalene

Concen: 0.121 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

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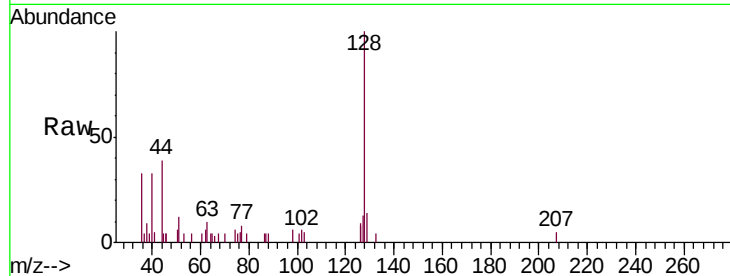
Tgt Ion:128 Resp: 5614

Ion Ratio Lower Upper

128 100

129 9.4 8.6 12.8

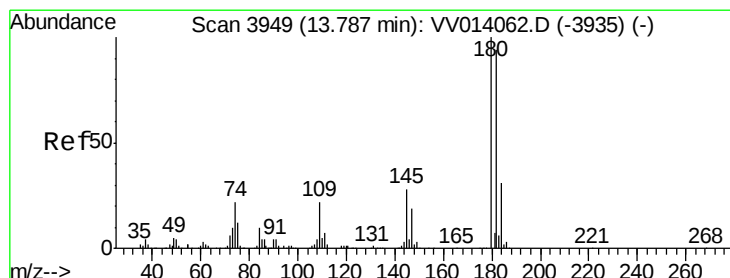
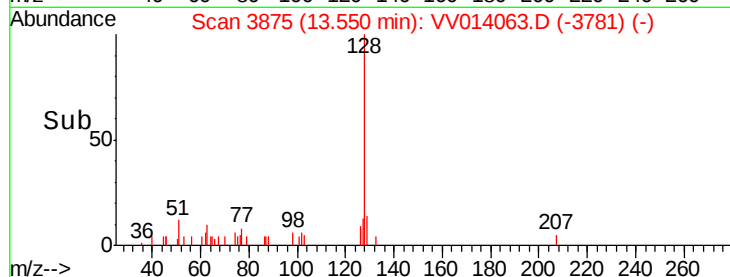
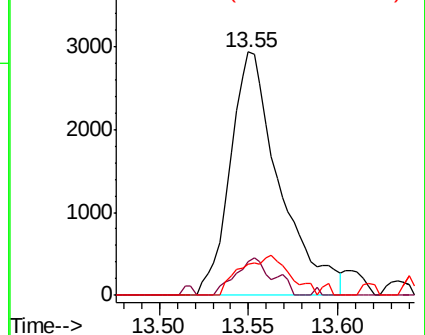
127 16.4 10.6 16.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.082 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV014063.D

Acq: 16 Dec 2019 11:28

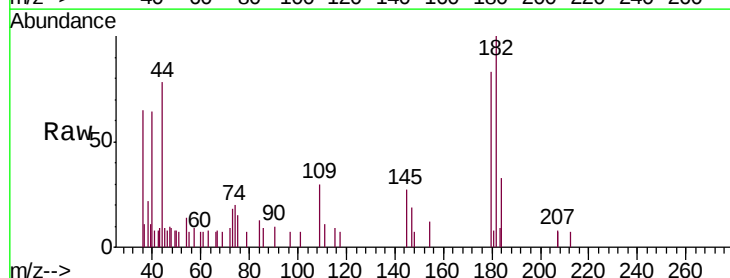
Tgt Ion:180 Resp: 2553

Ion Ratio Lower Upper

180 100

182 109.2 78.5 117.7

145 21.2 23.8 35.8#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

