

Data File : VV011387.D
Acq On : 11 Jun 2019 11:16
Operator : SY/MD
Sample : VV0610WBL03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK54

Quant Time: Jun 12 02:52:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142651	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42245	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.55	69	38946	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.11	63	69540	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.94	46	124003	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.39	84	88074	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	50394	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	177048	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.11	67	55198	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.35	98	157660	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	15798	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.13	63	95132	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38030	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52016	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

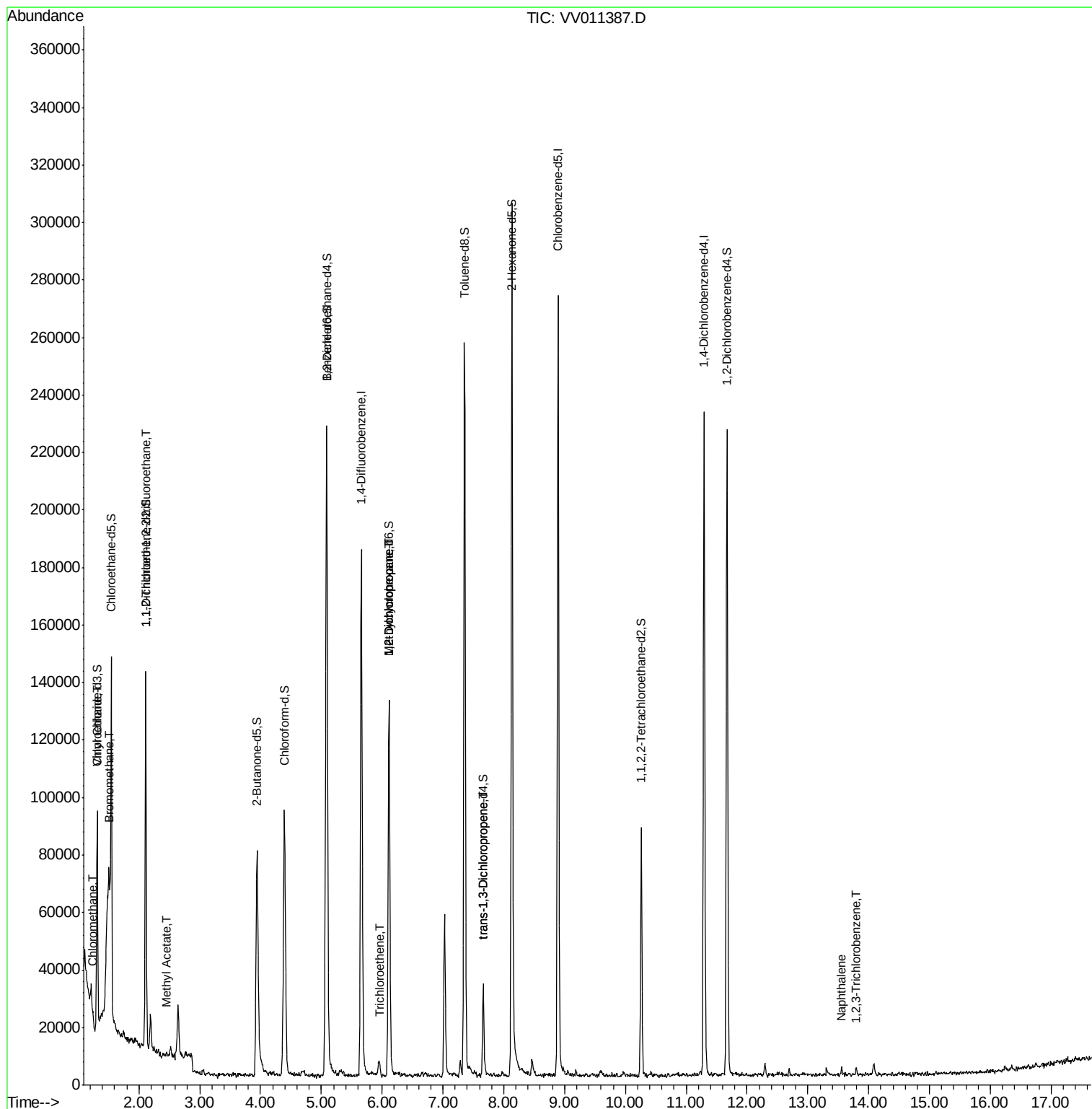
					Qvalue
3) Chloromethane	1.24	50	2320	0.171 ug/L	85
6) Bromomethane	1.51	94	1840	0.269 ug/L	91
8) Chloroethane	1.32	64	10443	1.245 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	868	0.094 ug/L #	39
15) Methyl Acetate	2.45	43	575	0.133 ug/L #	21
34) Trichloroethene	5.96	95	1010	0.092 ug/L #	79
35) Methylcyclohexane	6.12	83	13470	0.743 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7383	0.700 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1041	0.089 ug/L #	42
69) Naphthalene	13.55	128	1462	0.092 ug/L #	81
70) 1,2,3-Trichlorobenzene	13.80	180	661	0.076 ug/L #	76

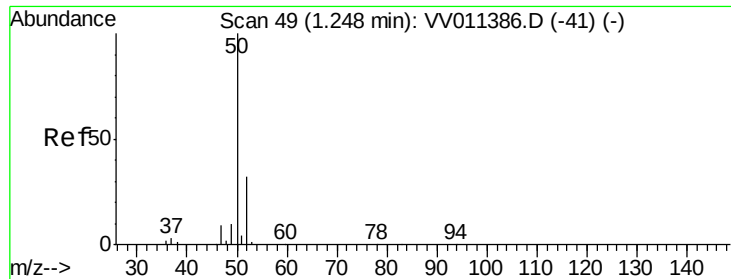
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.171 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011387.D

Acq: 11 Jun 2019 11:16

Instrument :

MSVOA_V

ClientSampleId :

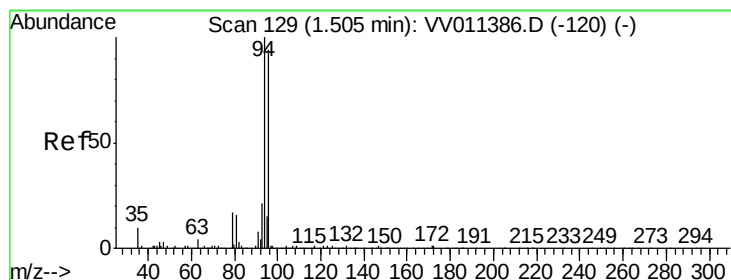
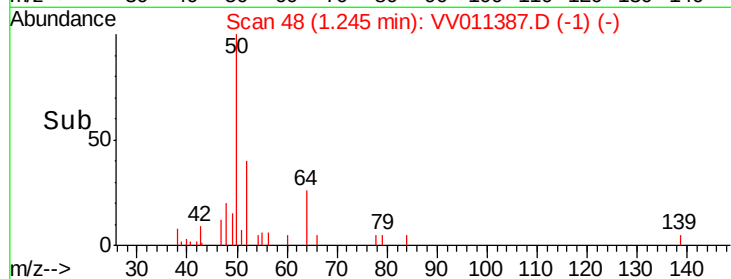
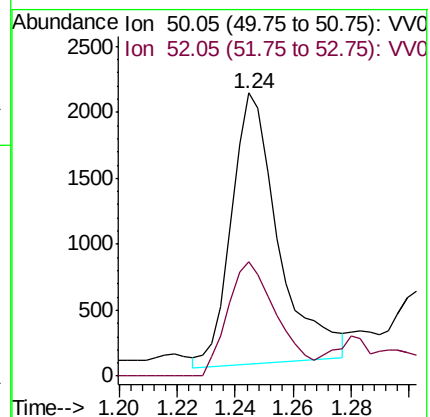
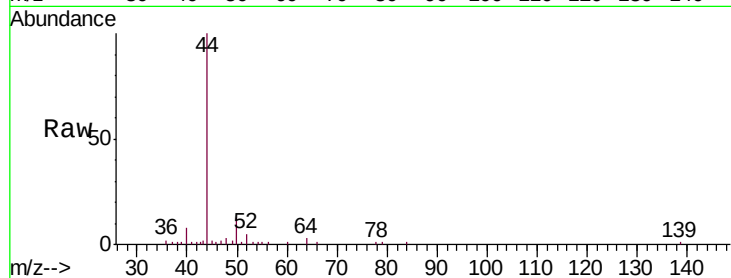
VBLK54

Tgt Ion: 50 Resp: 2320

Ion Ratio Lower Upper

50 100

52 40.3 22.3 41.5



#6

Bromomethane

Concen: 0.269 ug/L

RT: 1.51 min Scan# 130

Delta R.T. 0.00 min

Lab File: VV011387.D

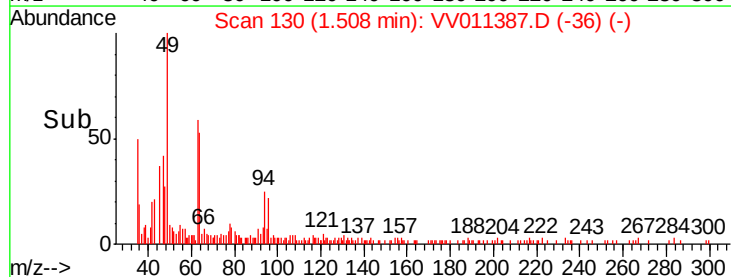
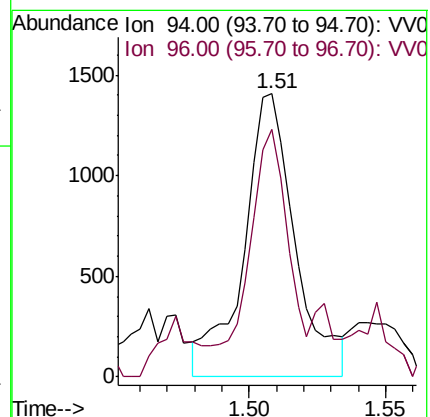
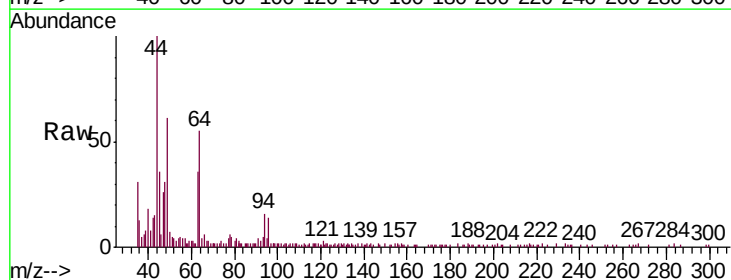
Acq: 11 Jun 2019 11:16

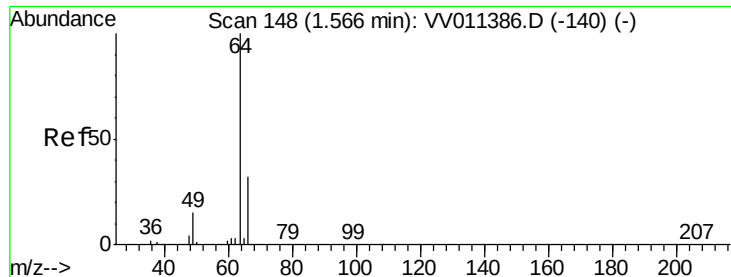
Tgt Ion: 94 Resp: 1840

Ion Ratio Lower Upper

94 100

96 87.3 67.0 124.4





#8

Chloroethane

Concen: 1.245 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011387.D

Acq: 11 Jun 2019 11:16

Instrument :

MSVOA_V

ClientSampleId :

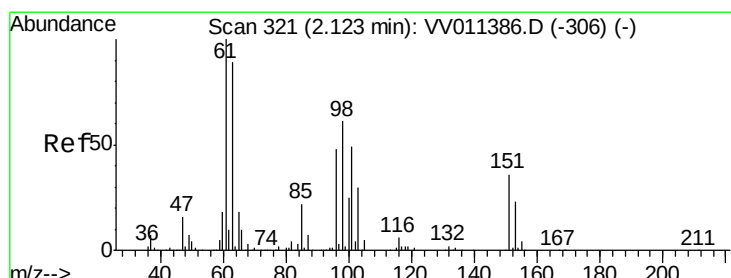
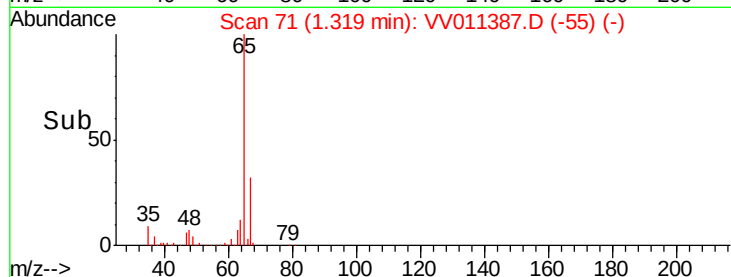
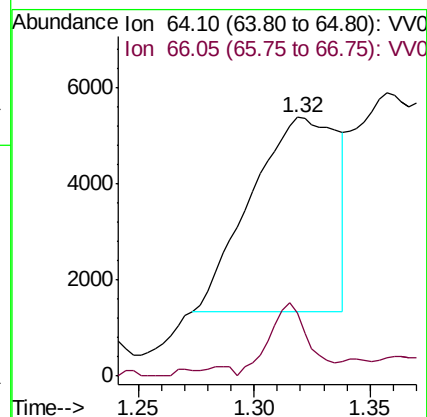
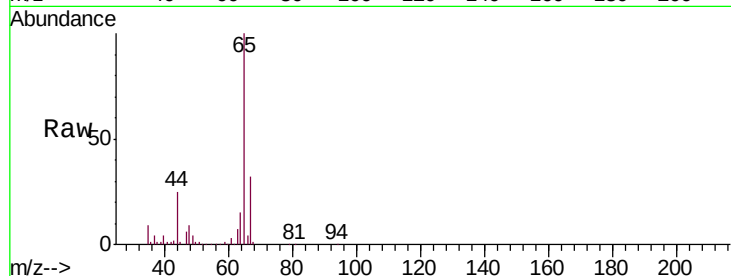
VBLK54

Tgt Ion: 64 Resp: 10443

Ion Ratio Lower Upper

64 100

66 24.5 19.4 36.0



#10

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

Concen: 0.094 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV011387.D

Acq: 11 Jun 2019 11:16

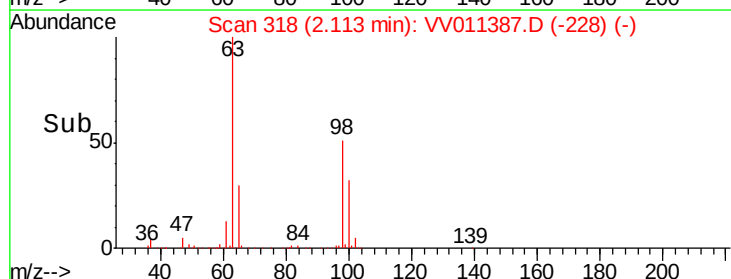
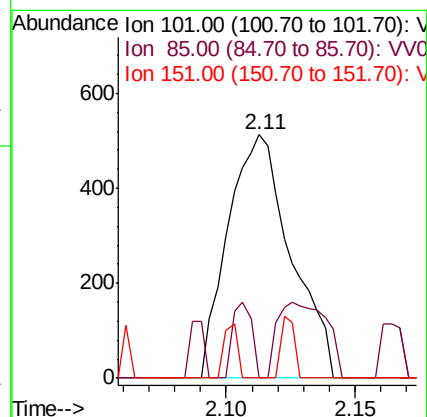
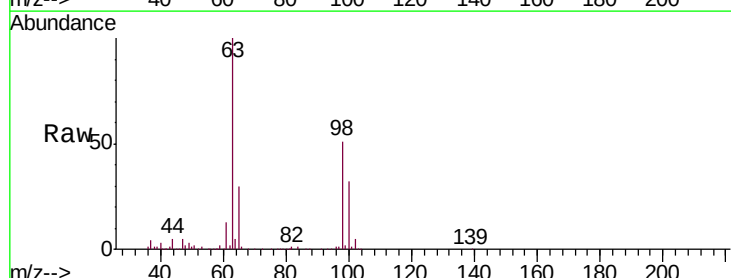
Tgt Ion: 101 Resp: 868

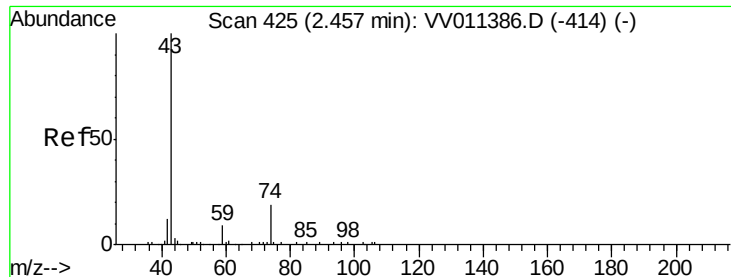
Ion Ratio Lower Upper

101 100

85 24.5 35.5 53.3#

151 5.5 56.9 85.3#

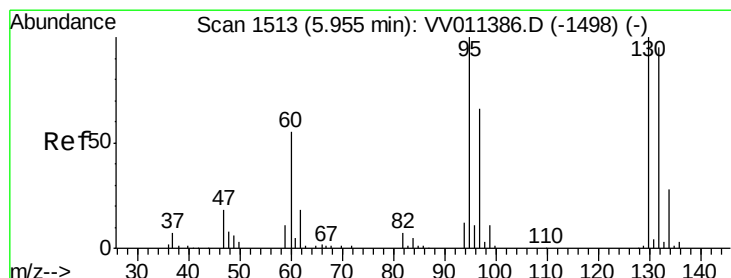
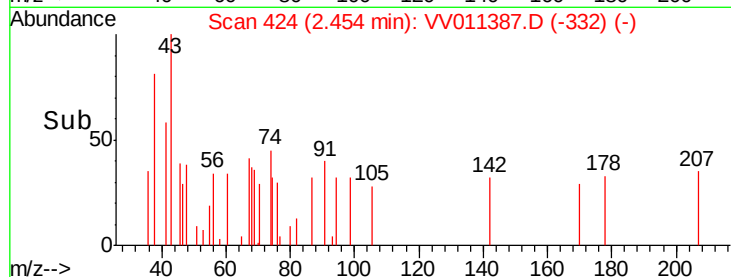
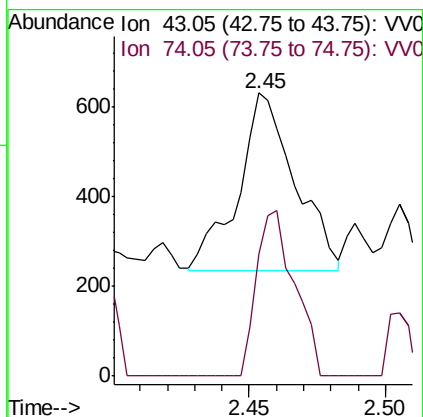
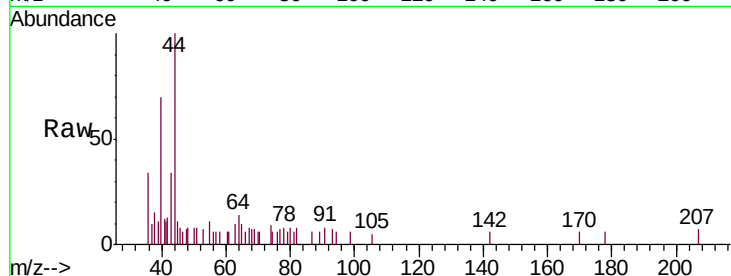




#15
Methyl Acetate
Concen: 0.133 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV011387.D
Acq: 11 Jun 2019 11:16

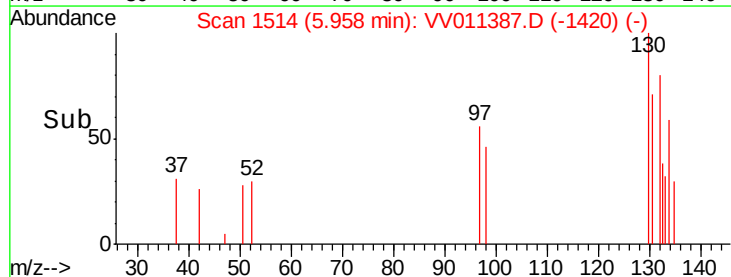
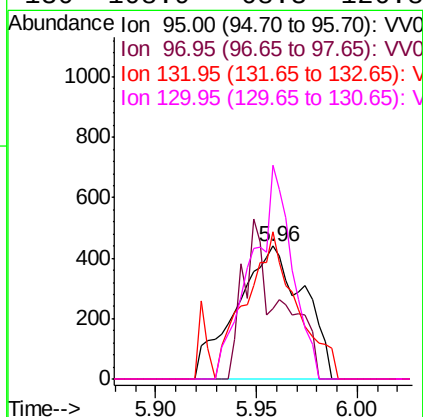
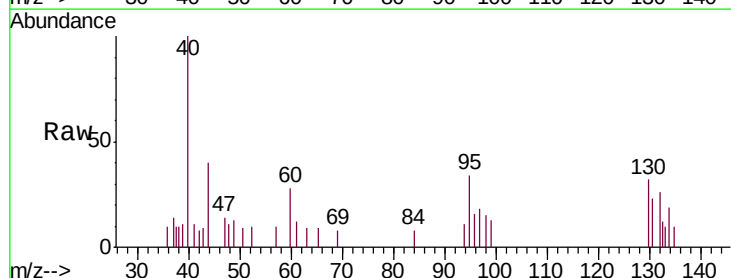
Instrument :
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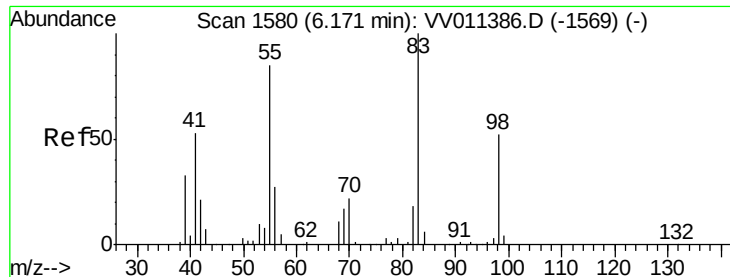
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
74 61.6 18.5 27.7#



#34
Trichloroethene
Concen: 0.092 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011387.D
Acq: 11 Jun 2019 11:16

Tgt Ion: 95 Resp: 1010
Ion Ratio Lower Upper
95 100
97 35.7 45.8 85.2#
132 75.0 66.4 123.2
130 108.9 68.3 126.8

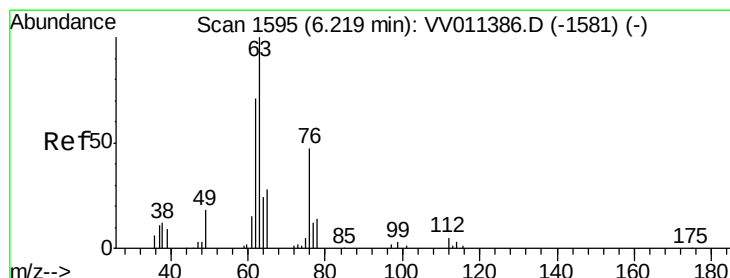
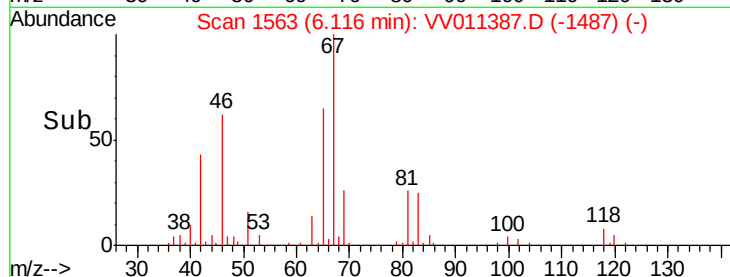
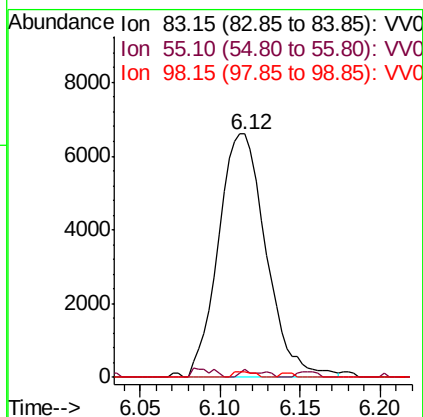
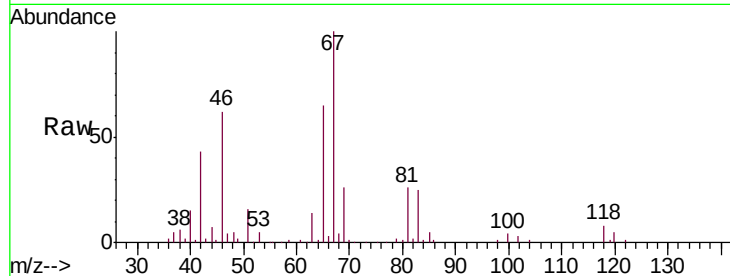




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011387.D
Acq: 11 Jun 2019 11:16

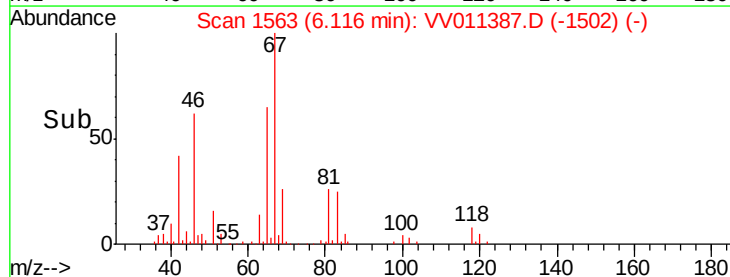
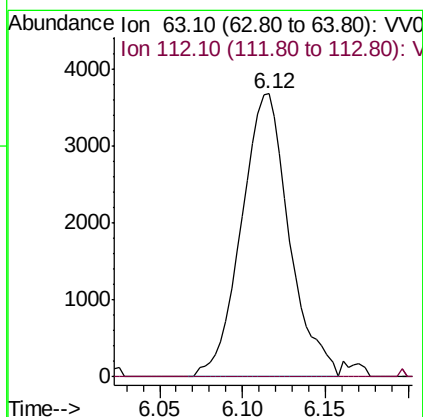
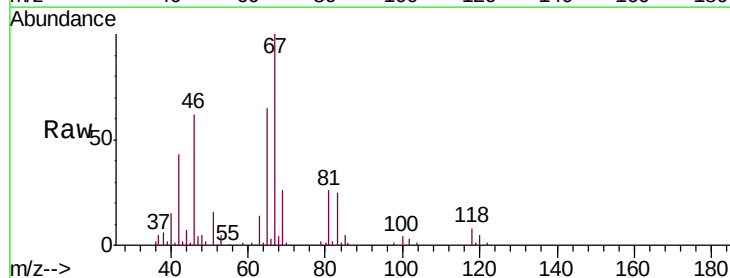
Instrument :
MSVOA_V
ClientSampleId :
VBLK54

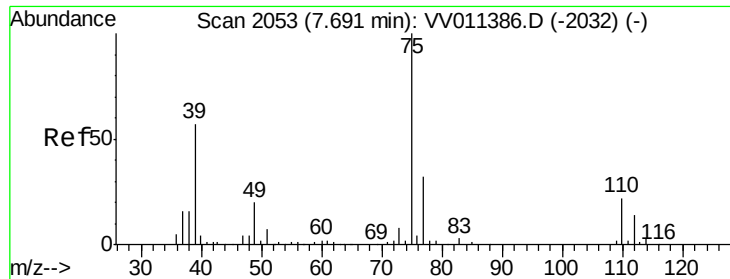
Tgt Ion: 83 Resp: 13470
Ion Ratio Lower Upper
83 100
55 0.8 67.0 100.6#
98 1.0 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.700 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011387.D
Acq: 11 Jun 2019 11:16

Tgt Ion: 63 Resp: 7383
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011387.D

Acq: 11 Jun 2019 11:16

Instrument :

MSVOA_V

ClientSampleId :

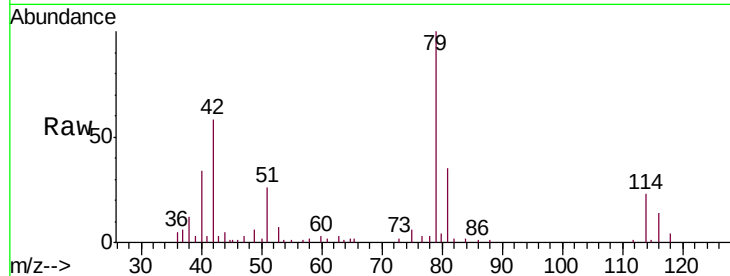
VBLK54

Tgt Ion: 75 Resp: 1041

Ion Ratio Lower Upper

75 100

77 0.0 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV011386.D (-2032) (-)

Ion 77.05 (76.75 to 77.75): VV011386.D (-2032) (-)

600

500

400

300

200

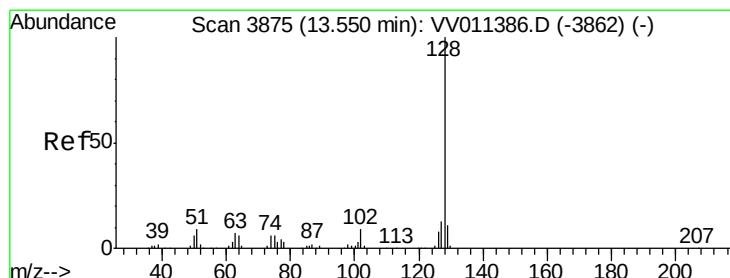
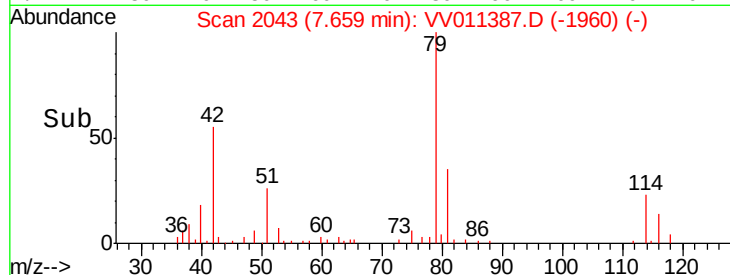
100

0

7.65

7.70

Time-->



#69

Naphthalene

Concen: 0.092 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV011387.D

Acq: 11 Jun 2019 11:16

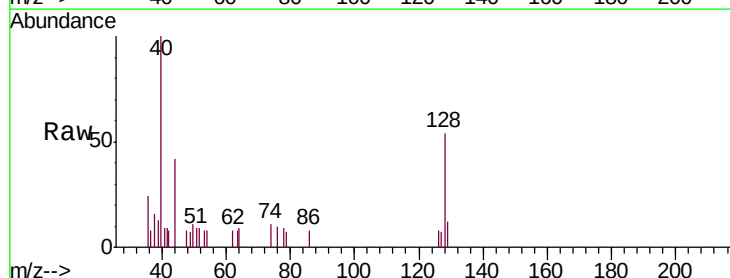
Tgt Ion: 128 Resp: 1462

Ion Ratio Lower Upper

128 100

129 12.1 8.9 13.3

127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): VV011386.D (-3862) (-)

Ion 129.00 (128.70 to 129.70): VV011386.D (-3862) (-)

Ion 127.00 (126.70 to 127.70): VV011386.D (-3862) (-)

1000

800

600

400

200

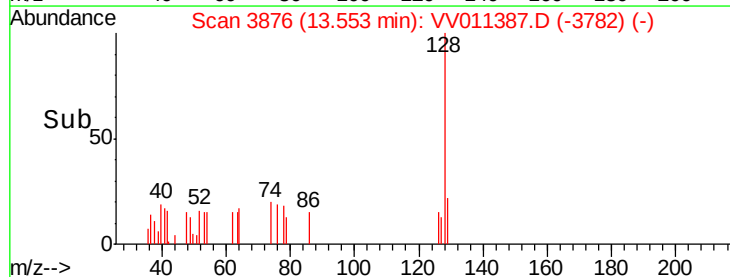
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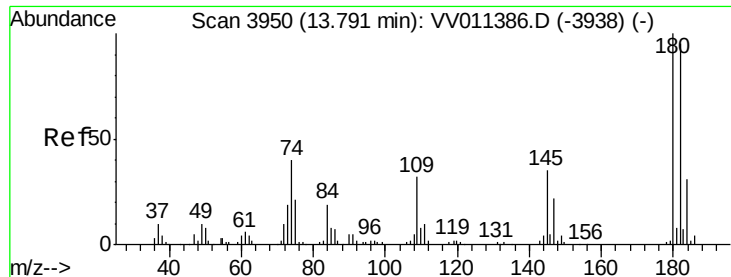
13.50

13.55

13.60

Time-->

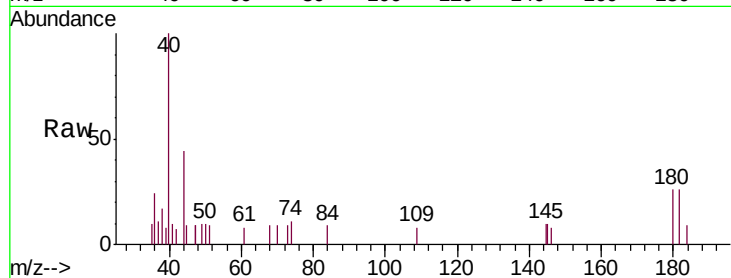




#70
 1,2,3-Trichlorobenzene
 Concen: 0.076 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: VV011387.D
 Acq: 11 Jun 2019 11:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK54

Tgt Ion:180 Resp: 661
 Ion Ratio Lower Upper
 180 100
 182 78.5 78.6 117.8#
 145 54.5 26.9 40.3#



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

