

Data File : VV012062.D
Acq On : 29 Jul 2019 14:59
Operator : SY/MD
Sample : VV0729WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK009

Quant Time: Jul 30 08:49:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 30 08:46:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	145940	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139980	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	67818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41306	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.59	69	30604	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	62053	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.96	46	102403	54.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.40	84	90150	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	51451	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	193919	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	55034	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	173334	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.66	79	20710	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	79337	52.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.06%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	36817	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	11.67	152	68025	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	673	0.093	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	689	0.103	ug/L #	1
16) Methylene chloride	2.54	84	787	0.114	ug/L	90
25) Chloroform	4.43	83	8707	0.402	ug/L	90
35) Methylcyclohexane	6.12	83	14645	0.862	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6576	0.748	ug/L #	86
48) 2-Hexanone	8.14	43	9923	2.829	ug/L #	70
60) Isopropylbenzene	9.97	105	943	0.022	ug/L #	89
61) 1,2,3-Trichloropropane	11.22	75	300	0.061	ug/L #	42
62) 1,3,5-Trimethylbenzene	10.58	105	381	0.011	ug/L	93
63) 1,2,4-Trimethylbenzene	10.96	105	540	0.015	ug/L #	67
68) 1,2-Dibromo-3-chloropropan	12.69	75	87	0.085	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.69	180	940	0.053	ug/L	96
71) Naphthalene	13.56	128	1858	0.095	ug/L #	76
72) 1,2,3-Trichlorobenzene	13.80	180	904	0.072	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072919\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 30 08:46:06 2019
Response via : Initial Calibration

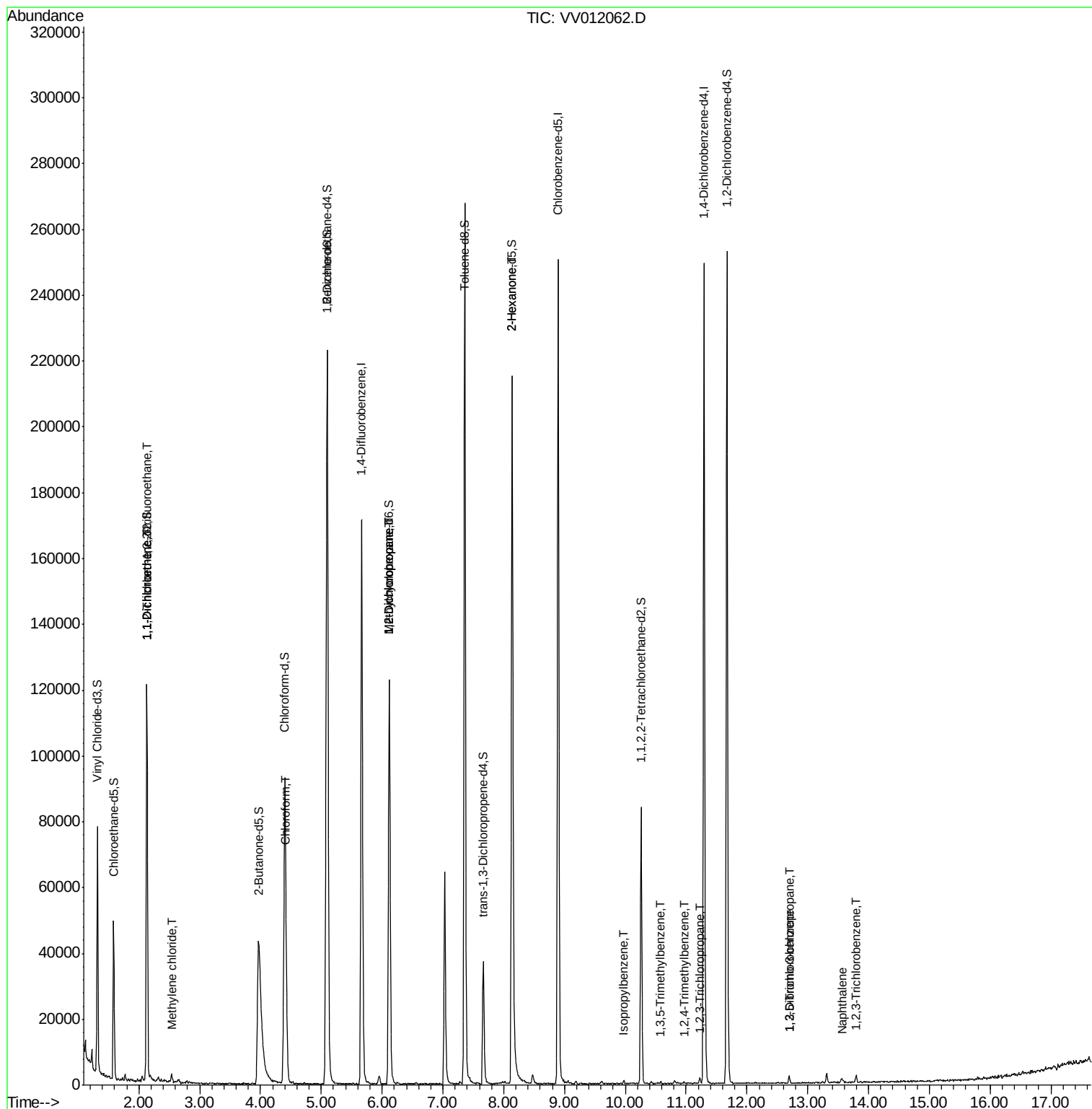
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

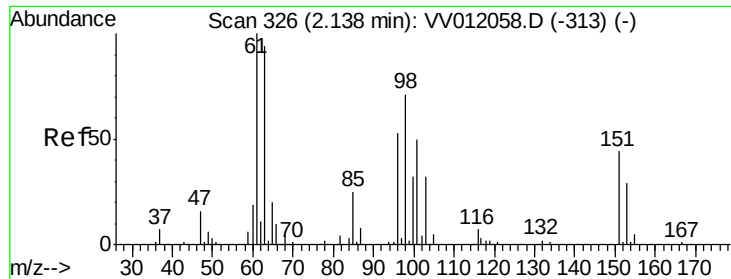
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Response via : Initial Calibration





#10

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

Concen: 0.093 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012062.D

Acq: 29 Jul 2019 14:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK009

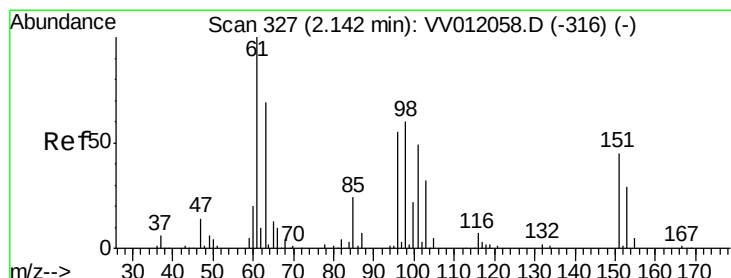
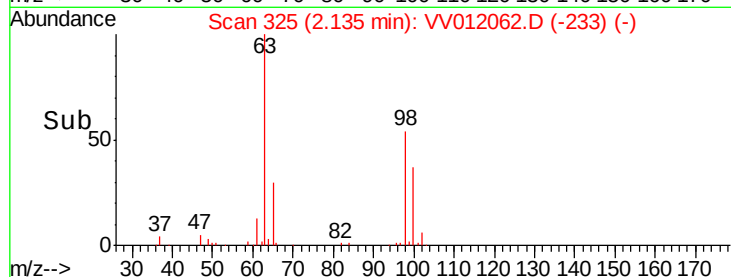
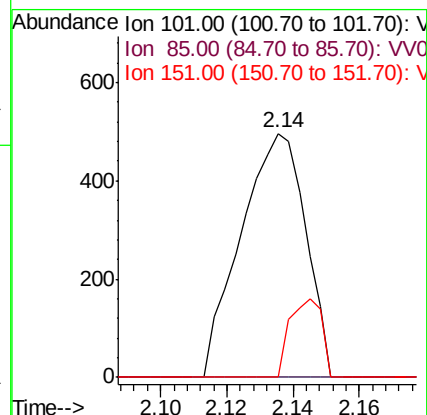
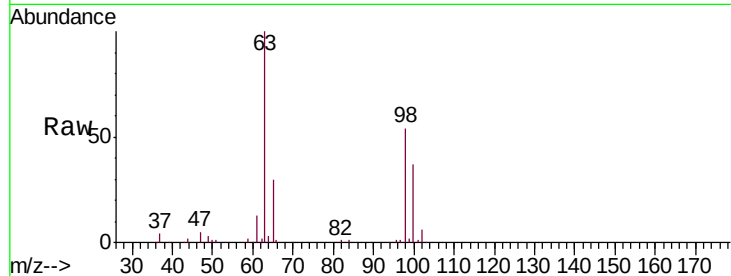
Tgt Ion:101 Resp: 673

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.8#

151 15.9 71.4 107.2#



#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012062.D

Acq: 29 Jul 2019 14:59

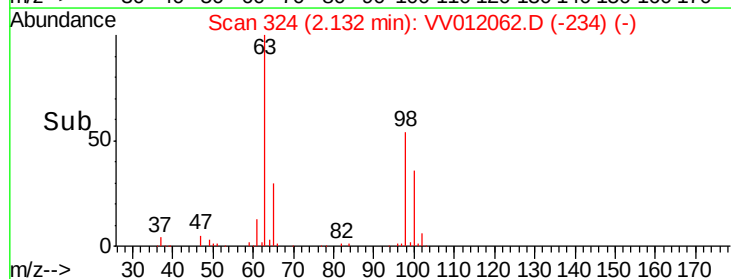
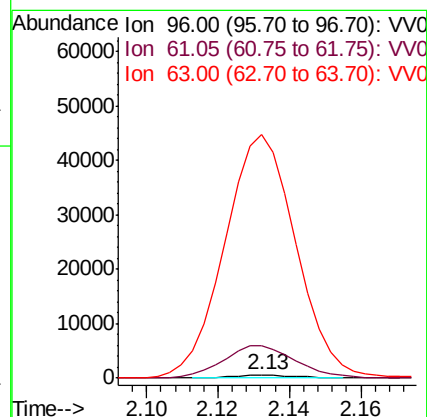
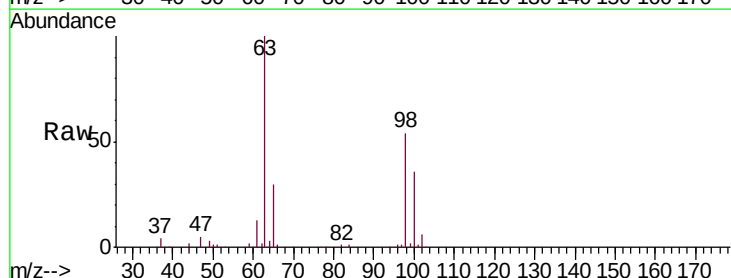
Tgt Ion: 96 Resp: 689

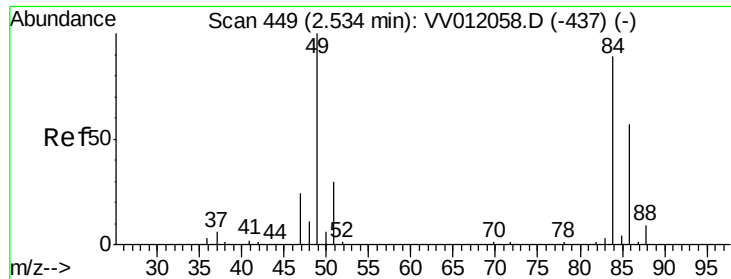
Ion Ratio Lower Upper

96 100

61 635.9 127.8 237.4#

63 4837.2 92.7 172.3#

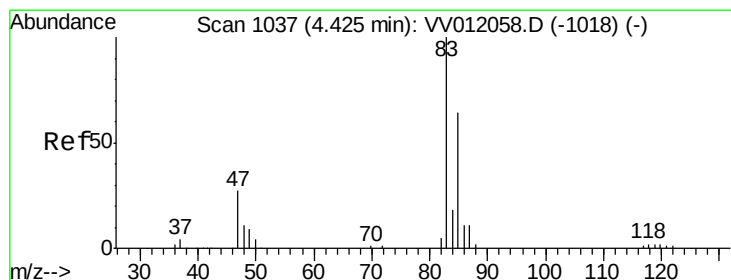
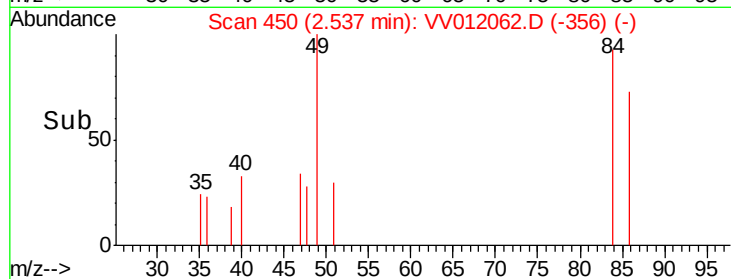
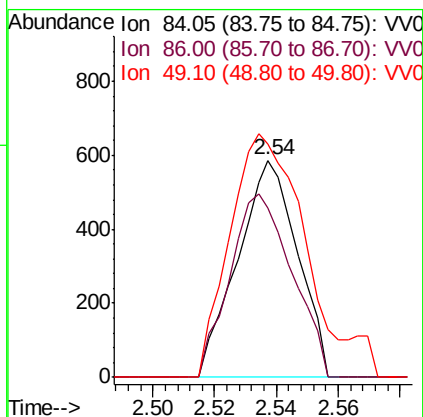
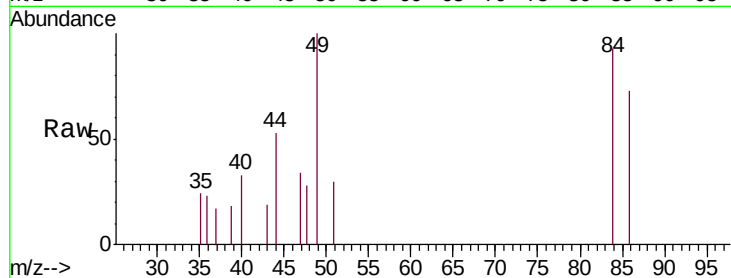




#16
Methylene chloride
Concen: 0.114 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

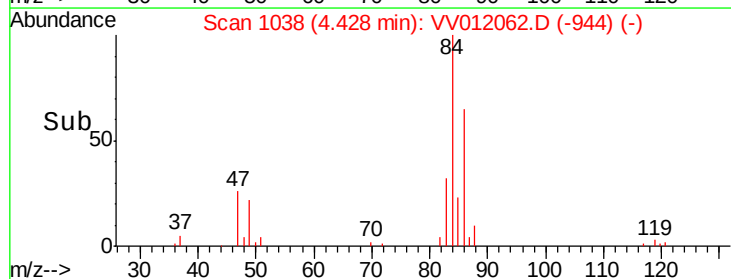
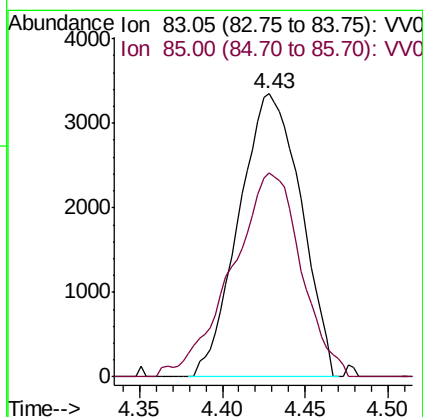
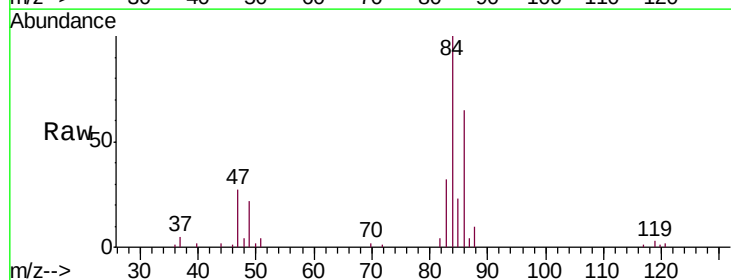
Instrument :
MSVOA_V
ClientSampled :
VBLK009

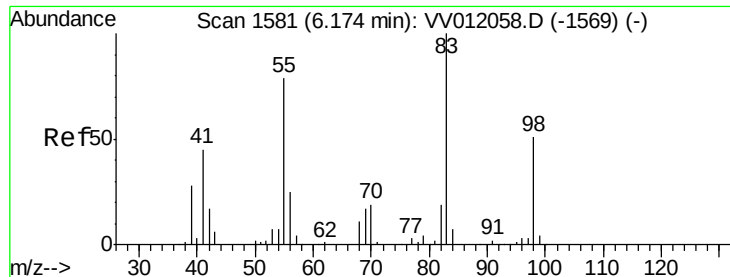
Tgt Ion: 84 Resp: 787
Ion Ratio Lower Upper
84 100
86 78.2 44.9 83.3
49 107.3 78.6 146.0



#25
Chloroform
Concen: 0.402 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

Tgt Ion: 83 Resp: 8707
Ion Ratio Lower Upper
83 100
85 72.3 45.2 84.0

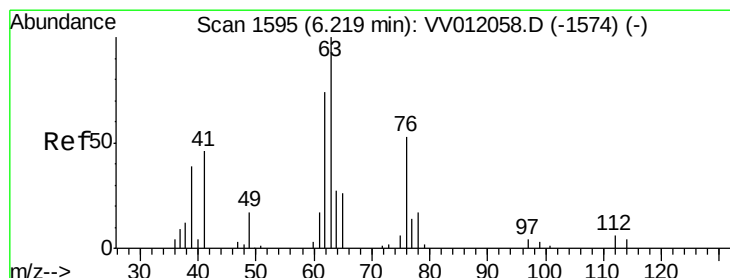
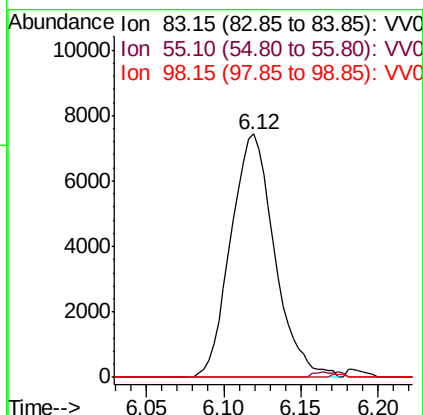
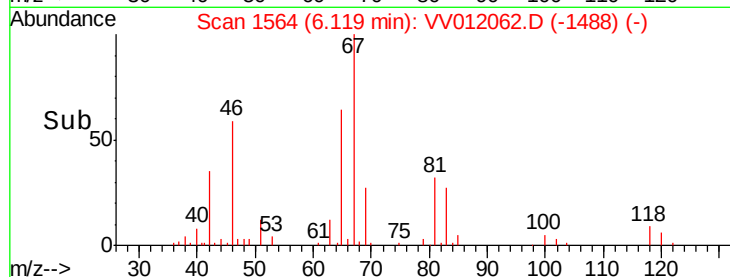
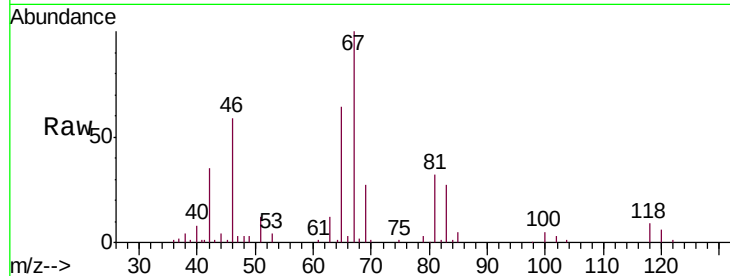




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

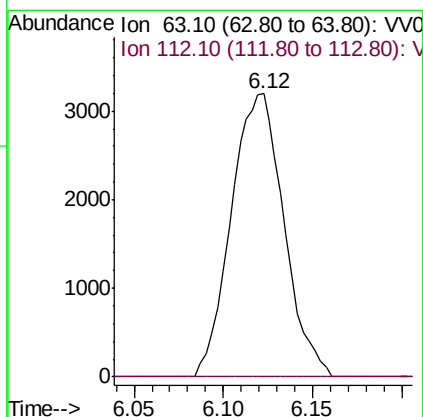
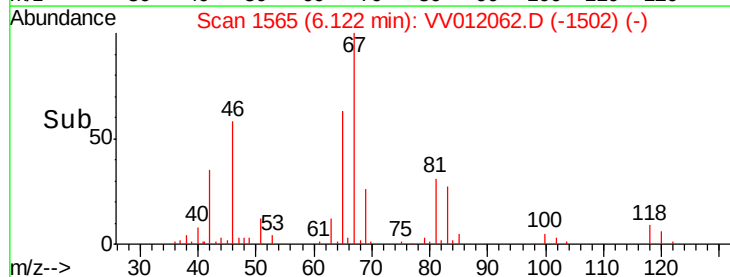
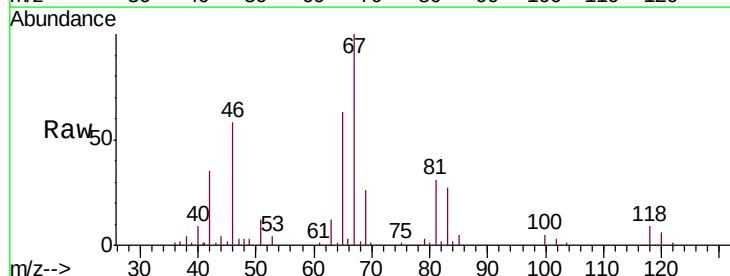
Instrument :
MSVOA_V
ClientSampleId :
VBLK009

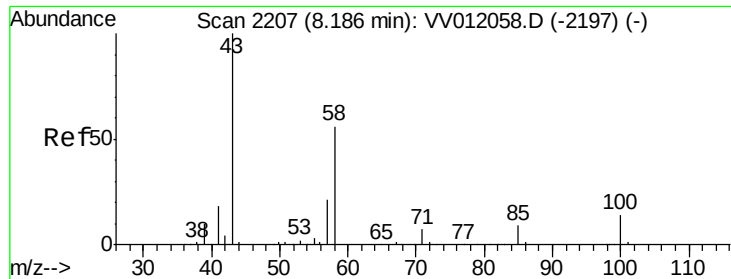
Tgt Ion: 83 Resp: 14645
Ion Ratio Lower Upper
83 100
55 1.3 60.1 90.1#
98 0.4 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

Tgt Ion: 63 Resp: 6576
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

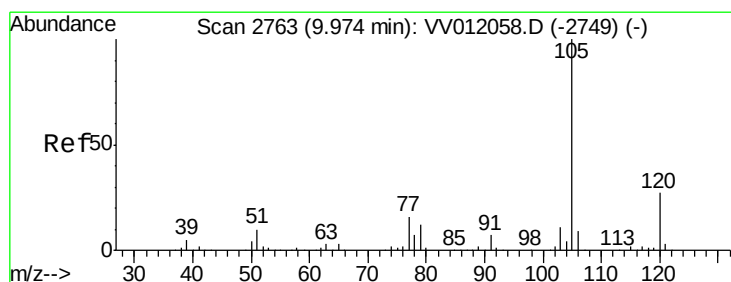
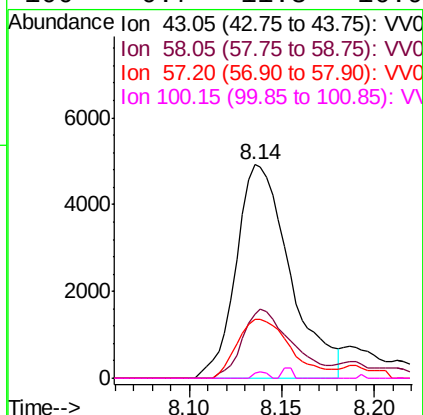
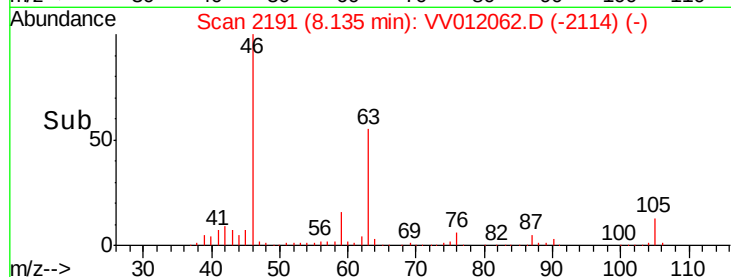
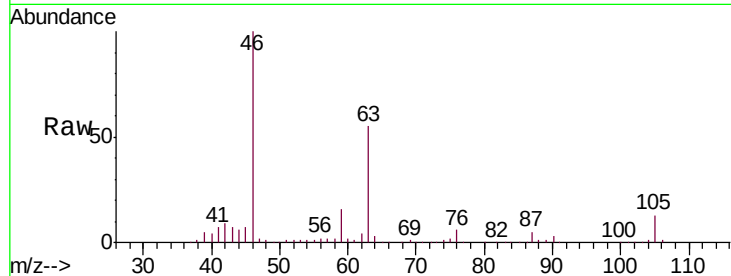




#48
2-Hexanone
Concen: 2.829 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

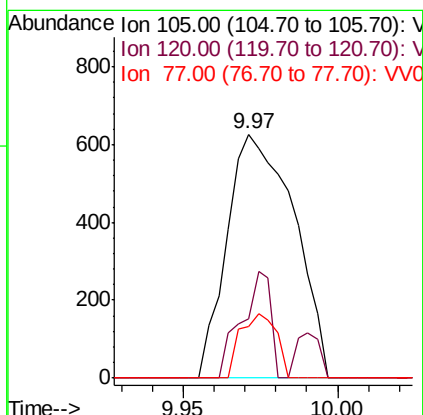
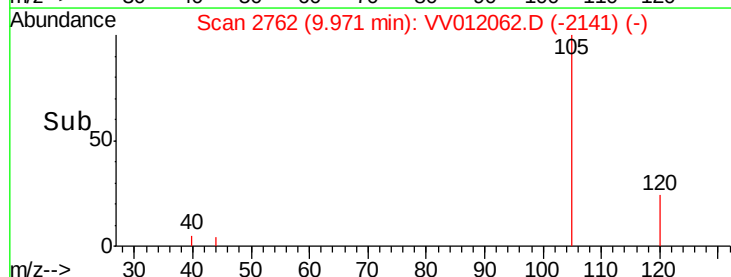
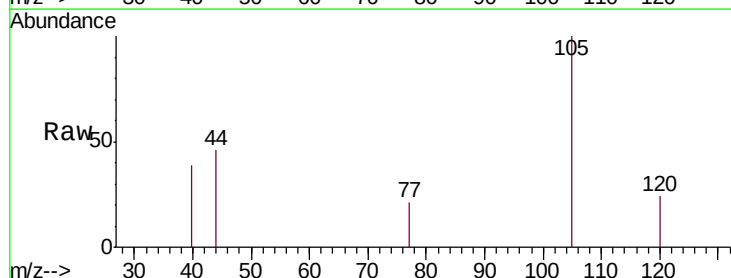
Instrument :
MSVOA_V
ClientSampleId :
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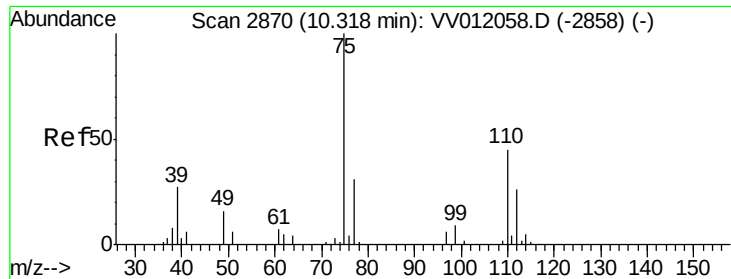
Tgt Ion: 43 Resp: 9923
Ion Ratio Lower Upper
43 100
58 30.1 44.1 66.1#
57 27.5 16.1 24.1#
100 0.7 11.3 16.9#



#60
Isopropylbenzene
Concen: 0.022 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV012062.D
Acq: 29 Jul 2019 14:59

Tgt Ion: 105 Resp: 943
Ion Ratio Lower Upper
105 100
120 19.2 21.5 32.3#
77 14.1 12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 0.061 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.90 min

Lab File: VV012062.D

Acq: 29 Jul 2019 14:59

Instrument :

MSVOA_V

ClientSampled :

VBLK009

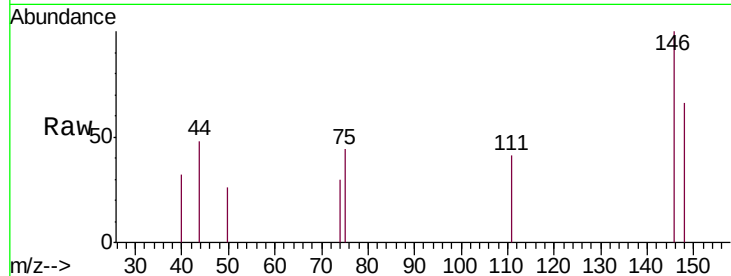
Tgt Ion: 75 Resp: 300

Ion Ratio Lower Upper

75 100

77 0.0 26.8 40.2#

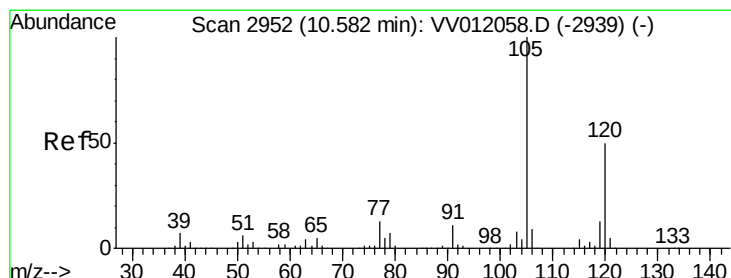
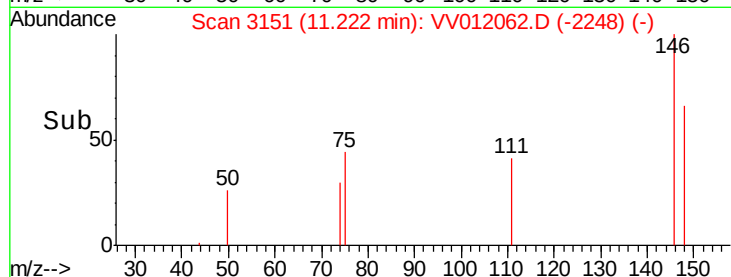
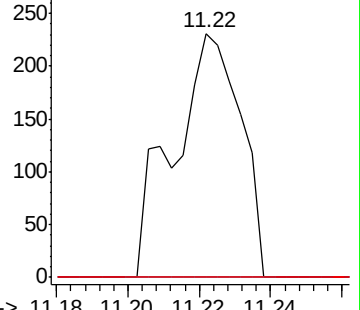
110 7.3 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VV012062.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV012062.D (-2248) (-)

Ion 110.00 (109.70 to 110.70): VV012062.D (-2248) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.011 ug/L

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV012062.D

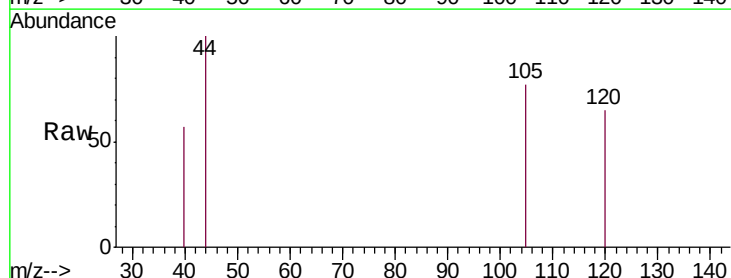
Acq: 29 Jul 2019 14:59

Tgt Ion: 105 Resp: 381

Ion Ratio Lower Upper

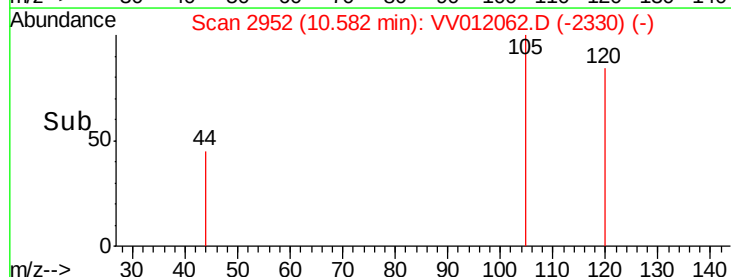
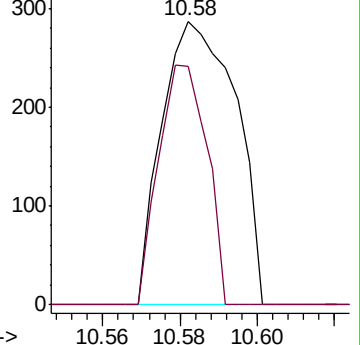
105 100

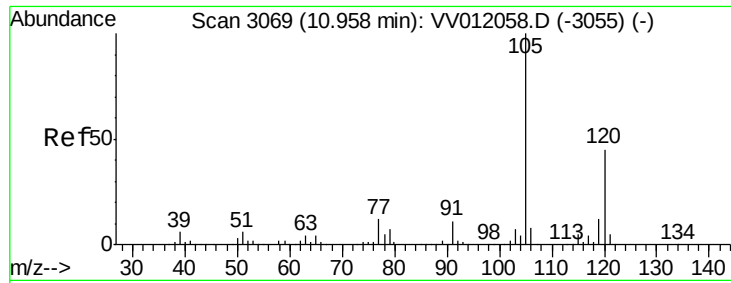
120 54.9 40.1 60.1



Abundance Ion 105.00 (104.70 to 105.70): VV012062.D (-2330) (-)

Ion 120.00 (119.70 to 120.70): VV012062.D (-2330) (-)

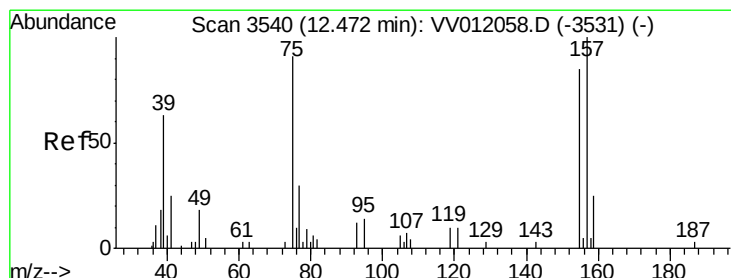
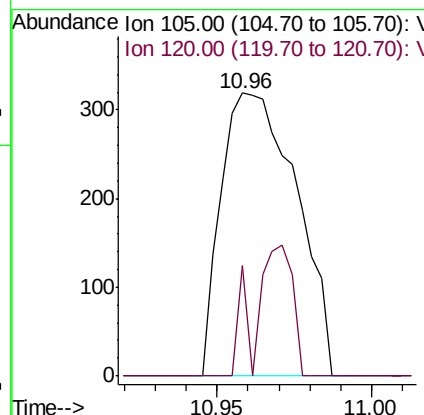
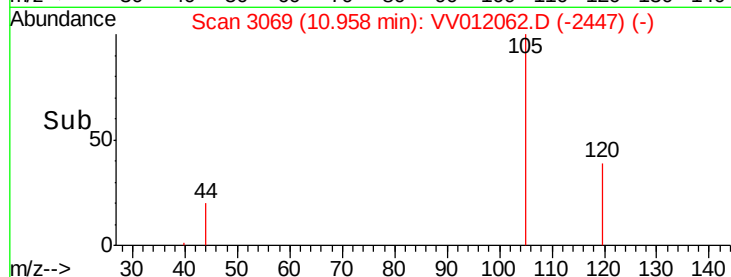
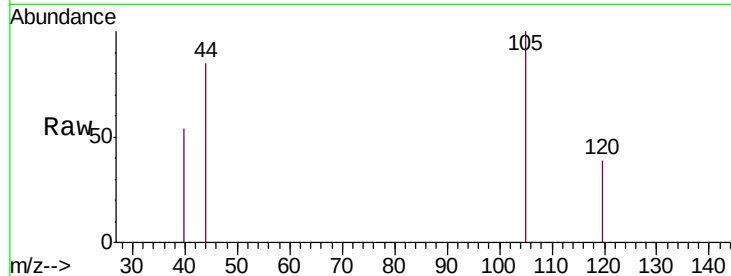




#63
 1,2,4-Trimethylbenzene
 Concen: 0.015 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV012062.D
 Acq: 29 Jul 2019 14:59

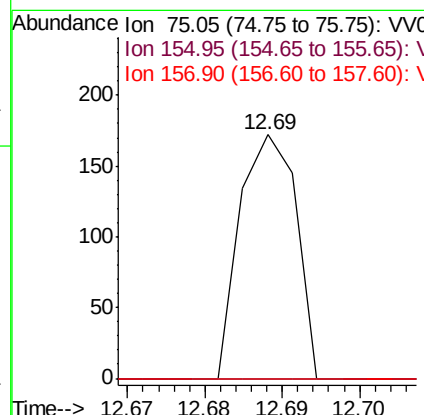
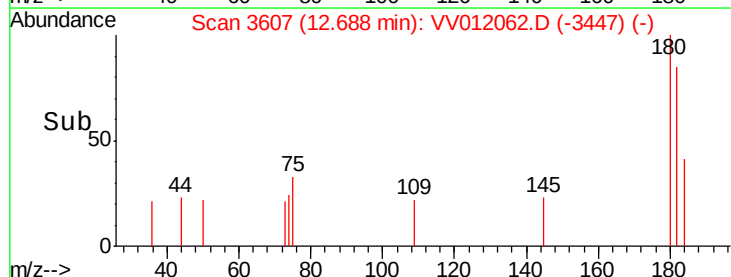
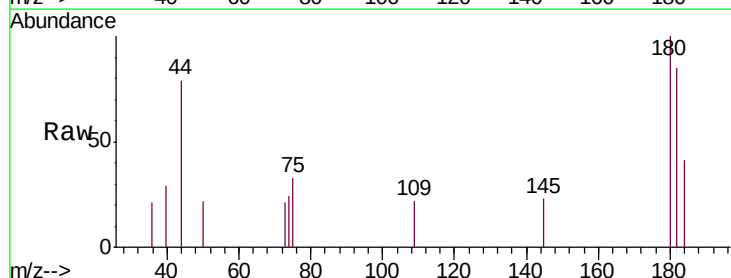
Instrument :
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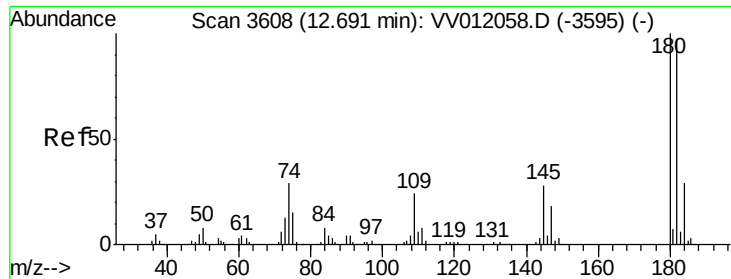
Tgt Ion: 105 Resp: 540
 Ion Ratio Lower Upper
 105 100
 120 23.0 35.8 53.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.085 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.22 min
 Lab File: VV012062.D
 Acq: 29 Jul 2019 14:59

Tgt Ion: 75 Resp: 87
 Ion Ratio Lower Upper
 75 100
 155 0.0 75.0 112.6#
 157 0.0 87.8 131.6#

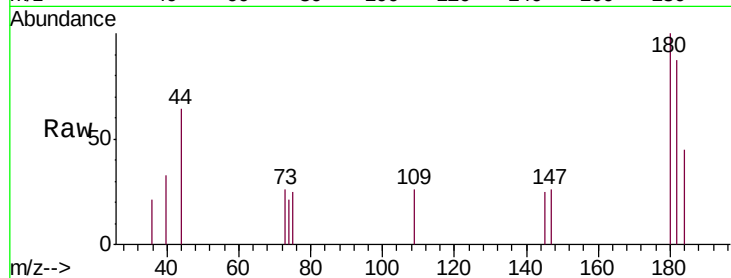




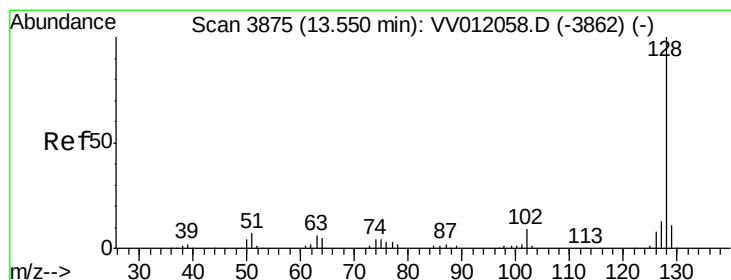
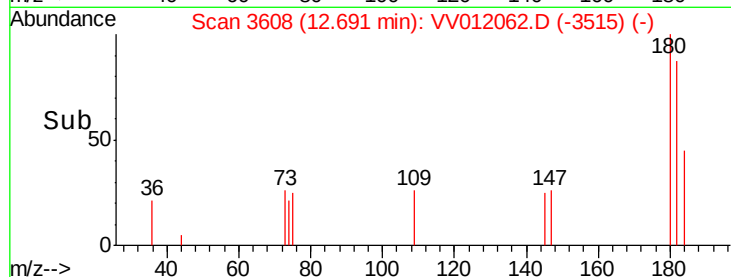
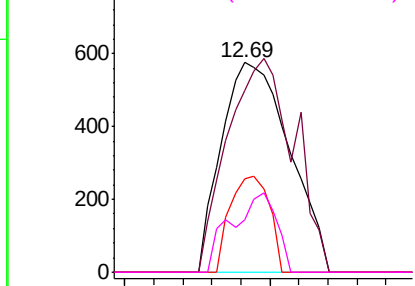
#69
 1,3,5-Trichlorobenzene
 Concen: 0.053 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012062.D
 Acq: 29 Jul 2019 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK009

Tgt Ion:180 Resp: 940
 Ion Ratio Lower Upper
 180 100
 182 98.9 77.1 115.7
 184 26.2 24.6 36.8
 145 25.1 22.8 34.2

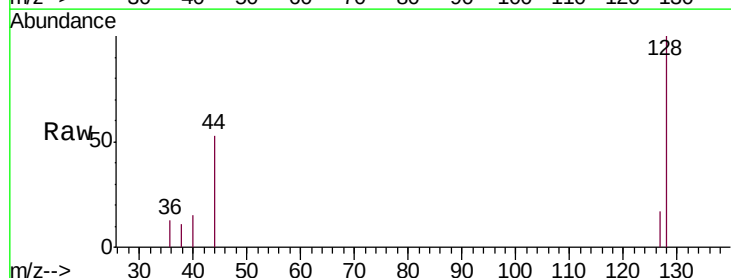


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

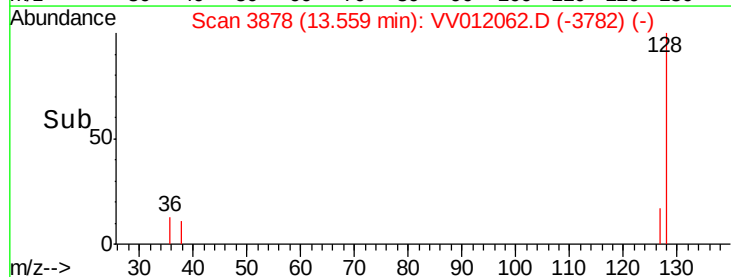
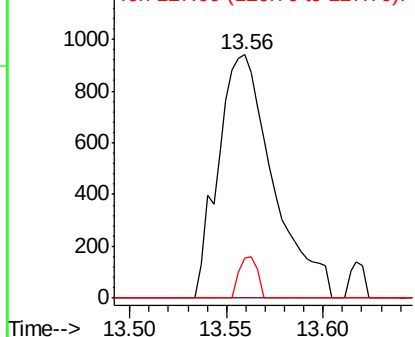


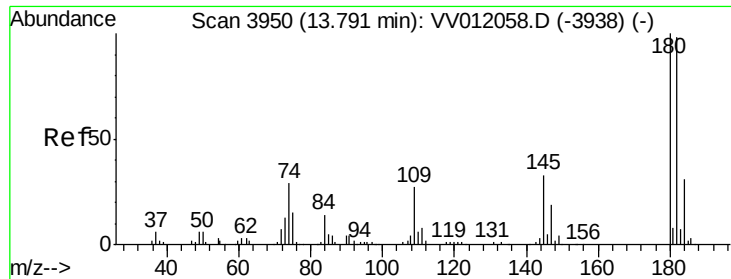
#71
 Naphthalene
 Concen: 0.095 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV012062.D
 Acq: 29 Jul 2019 14:59

Tgt Ion:128 Resp: 1858
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.1 13.7#
 127 5.5 10.4 15.6#



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

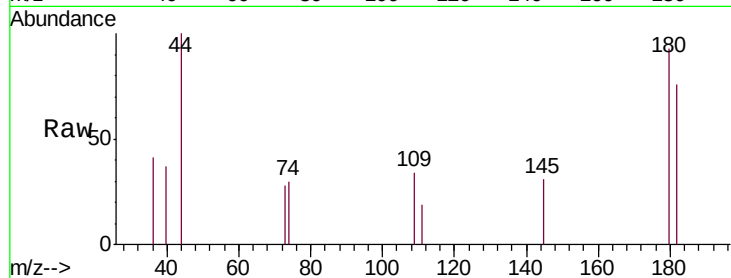




#72
 1,2,3-Trichlorobenzene
 Concen: 0.072 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV012062.D
 Acq: 29 Jul 2019 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK009

Tgt Ion:180 Resp: 904
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.5 117.7
 145 37.8 25.8 38.8



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

