

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
 Data File : VU027670.D
 Acq On : 17 Oct 2018 11:32
 Operator : MD/SY
 Sample : VU1017WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Quant Time: Oct 19 06:48:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	89821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31496	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	24628	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.28	63	43144	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.23	46	94240	46.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.65	84	49309	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	28319	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.34	84	108412	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	36721	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	103280	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	15591	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.33	63	81545	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	27636	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	36506	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	498	0.082 ug/L #	35
12) 1,1-Dichloroethene	2.28	96	834	0.137 ug/L #	1
25) Chloroform	4.68	83	1789	0.144 ug/L	96
35) Methylcyclohexane	6.33	83	8029	0.667 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4014	0.518 ug/L #	89
42) Toluene	7.64	91	927	0.032 ug/L	93
48) 2-Hexanone	8.38	43	3499	0.933 ug/L #	95
55) Styrene	9.80	104	602	0.030 ug/L	90
62) 1,3-Dichlorobenzene	11.42	146	952	0.073 ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	1027	0.078 ug/L	86
65) 1,2-Dichlorobenzene	11.88	146	676	0.054 ug/L #	86
67) 1,3,5-Trichlorobenzene	12.89	180	926	0.087 ug/L #	91
68) 1,2,4-trichlorobenzene	13.51	180	1452	0.158 ug/L	97
69) Naphthalene	13.75	128	3358	0.219 ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	1528	0.178 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027670.D
Acq On : 17 Oct 2018 11:32
Operator : MD/SY
Sample : VU1017WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Oct 19 06:48:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

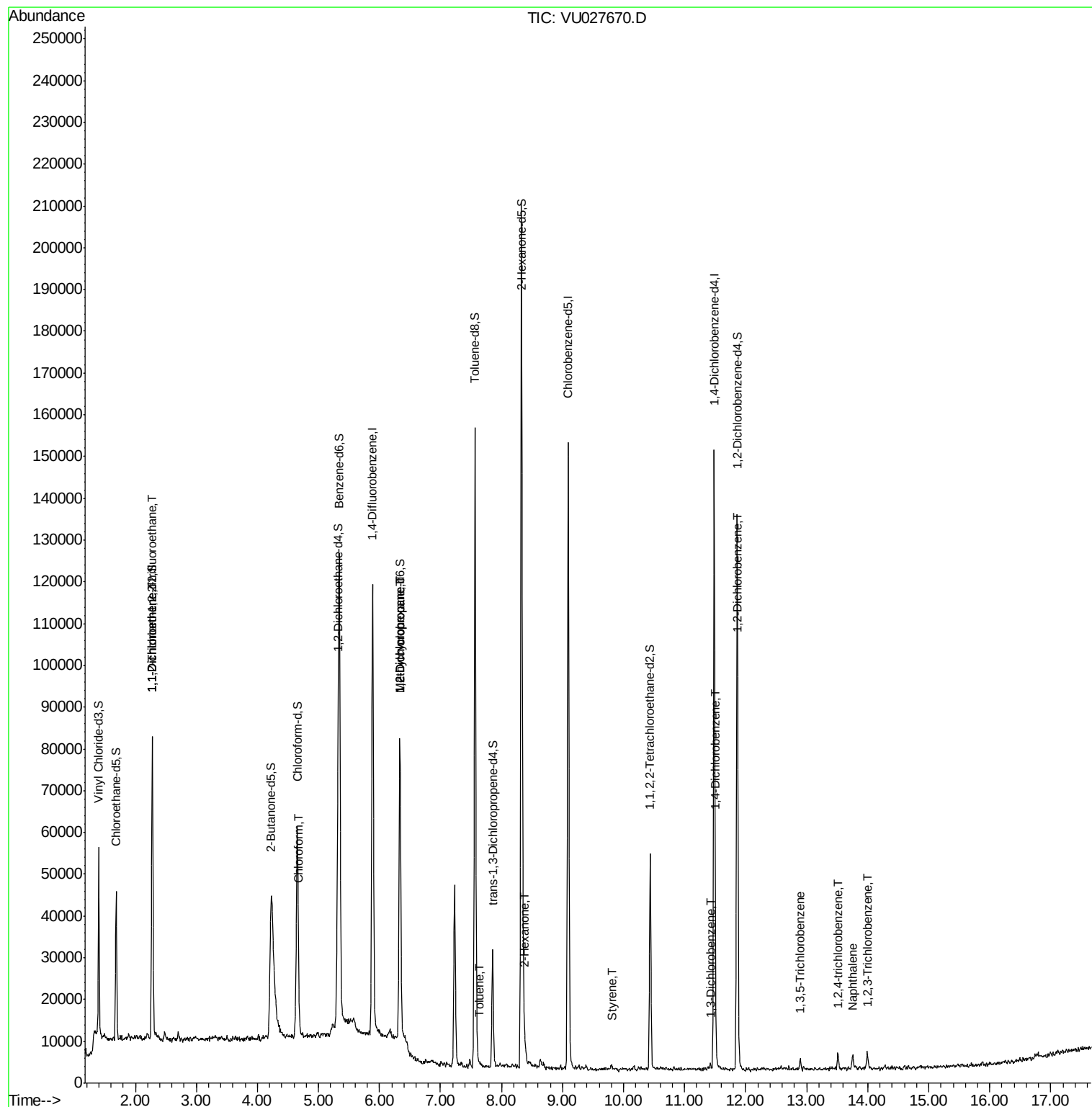
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

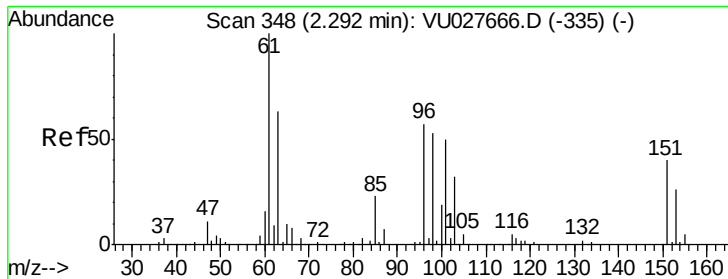
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027670.D
Acq On : 17 Oct 2018 11:32
Operator : MD/SY
Sample : VU1017WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Oct 19 06:48:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU027670.D

Acq: 17 Oct 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

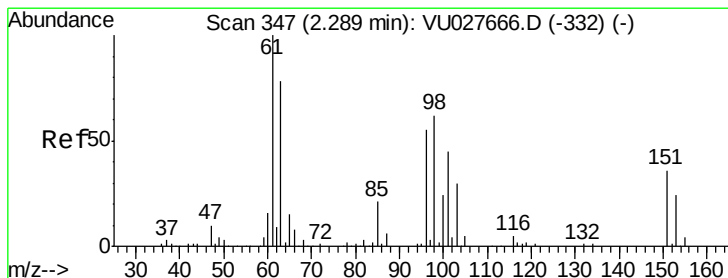
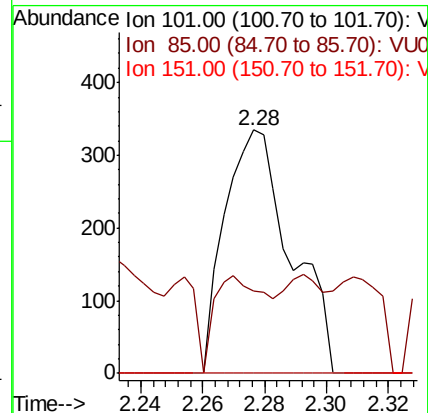
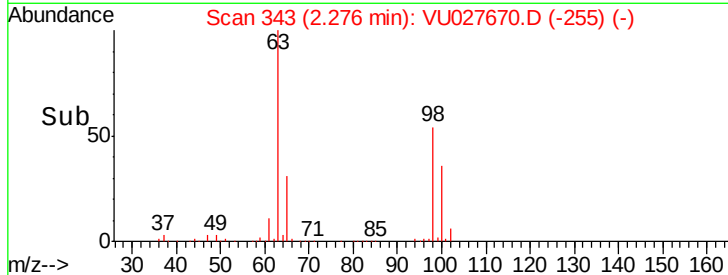
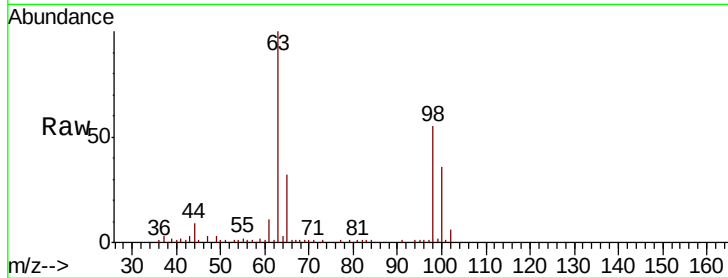
Tgt Ion: 101 Resp: 498

Ion Ratio Lower Upper

101 100

85 31.3 35.6 53.4#

151 0.0 63.8 95.6#



#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU027670.D

Acq: 17 Oct 2018 11:32

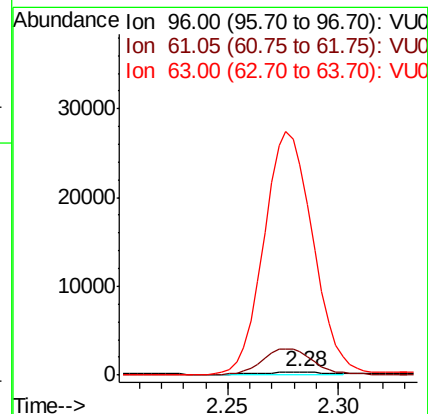
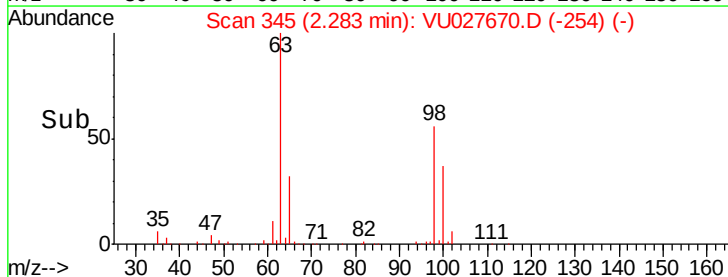
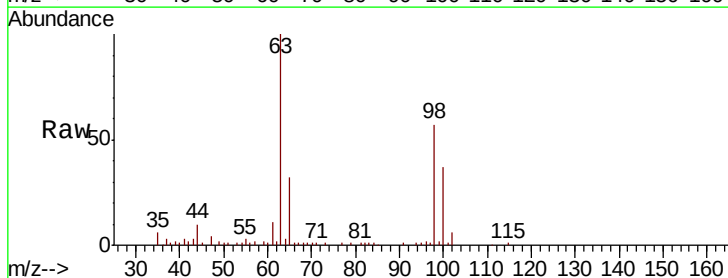
Tgt Ion: 96 Resp: 834

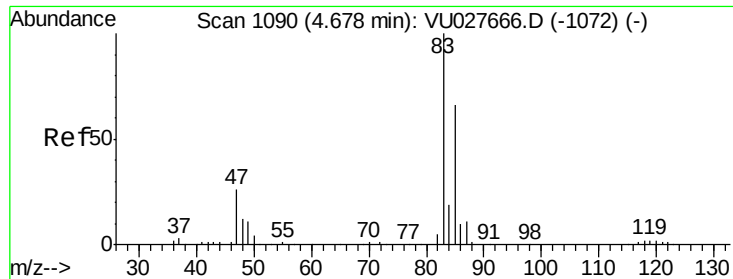
Ion Ratio Lower Upper

96 100

61 687.8 125.6 233.2#

63 6165.2 97.6 181.2#

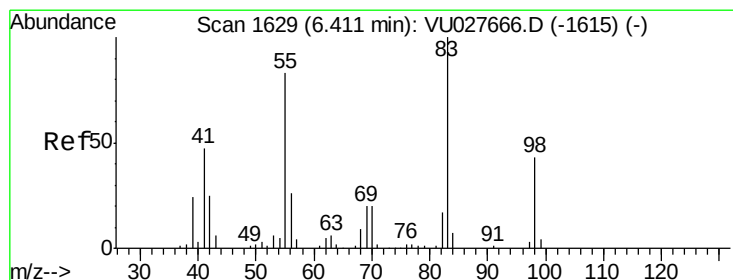
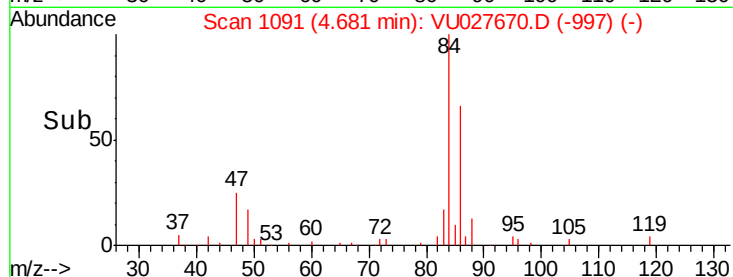
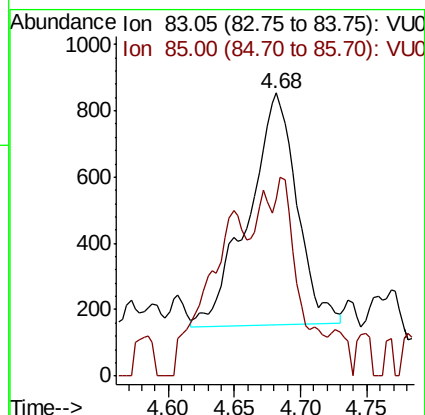
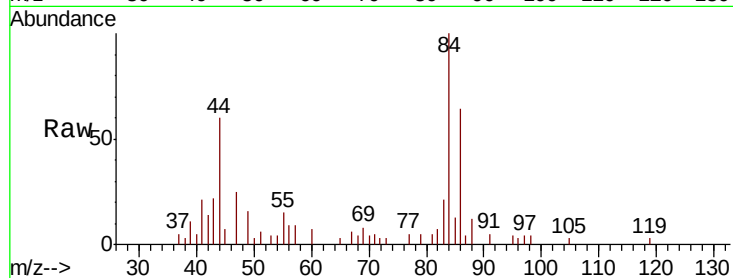




#25
Chloroform
Concen: 0.144 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU027670.D
Acq: 17 Oct 2018 11:32

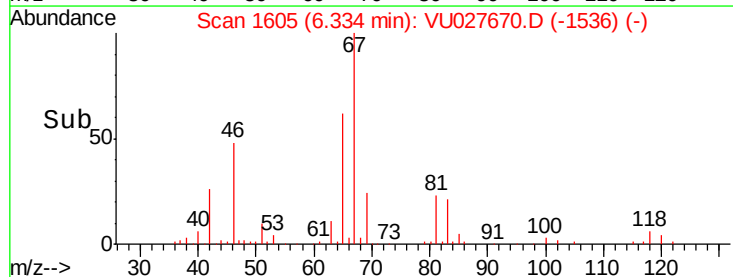
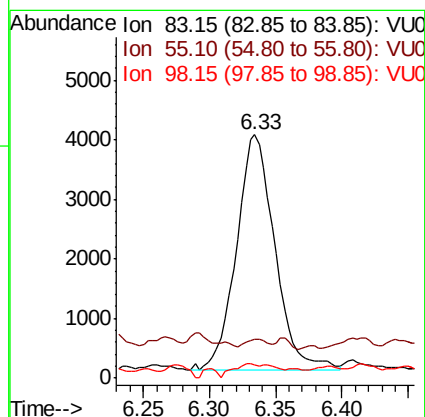
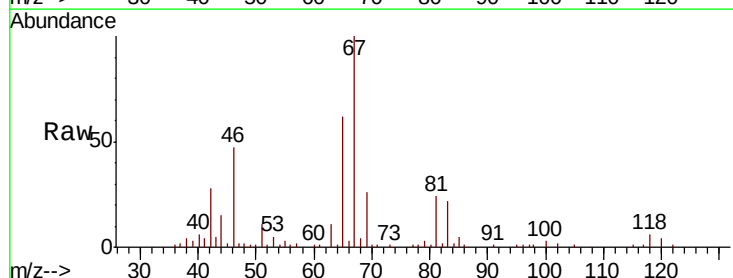
Instrument :
MSVOA_U
ClientSampleId :
VBLK59

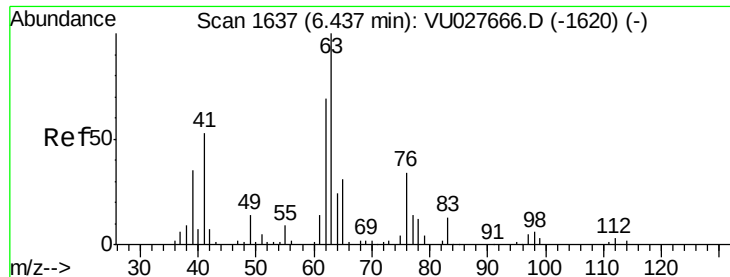
Tgt Ion: 83 Resp: 1789
Ion Ratio Lower Upper
83 100
85 62.6 46.1 85.7



#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027670.D
Acq: 17 Oct 2018 11:32

Tgt Ion: 83 Resp: 8029
Ion Ratio Lower Upper
83 100
55 2.3 69.0 103.4#
98 6.7 35.4 53.2#

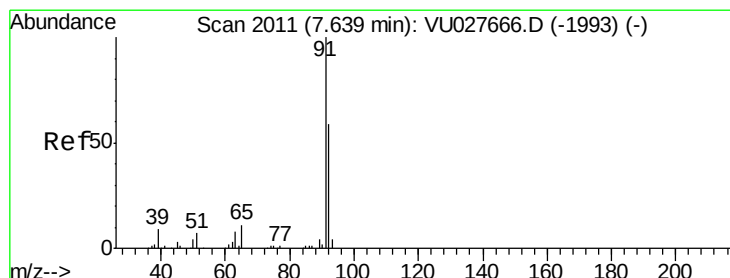
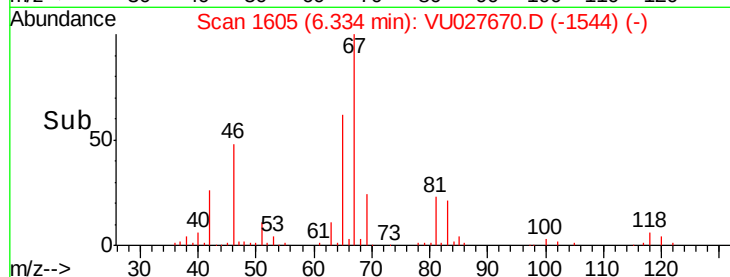
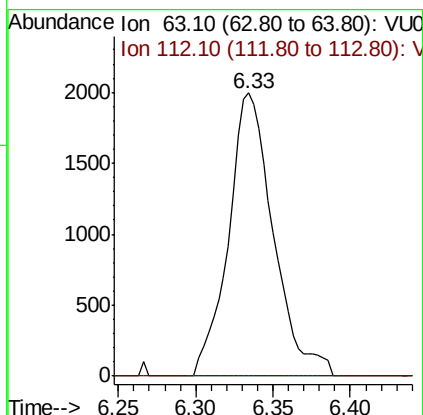
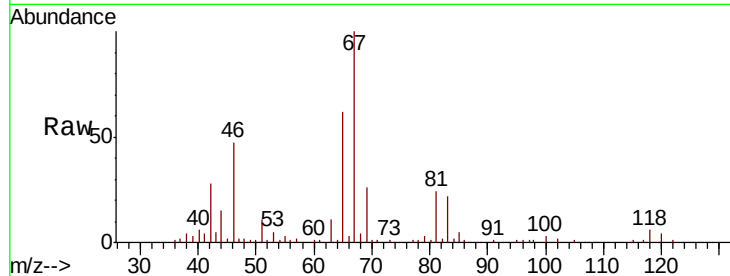




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

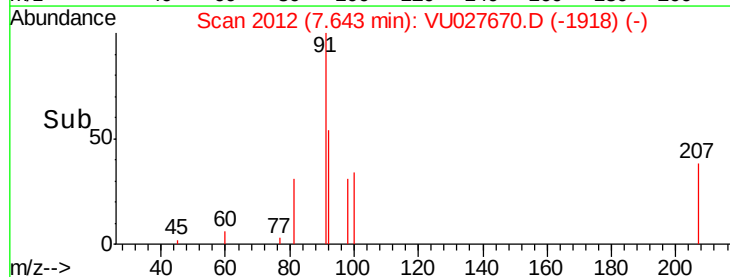
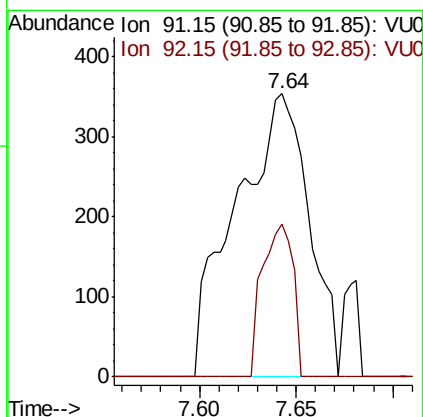
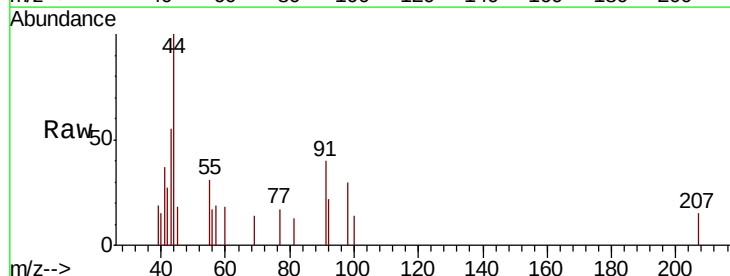
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

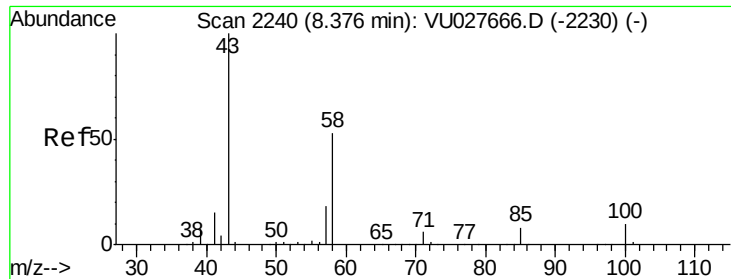
Tgt Ion: 63 Resp: 4014
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#42
 Toluene
 Concen: 0.032 ug/L
 RT: 7.64 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

Tgt Ion: 91 Resp: 927
 Ion Ratio Lower Upper
 91 100
 92 53.8 41.1 76.3

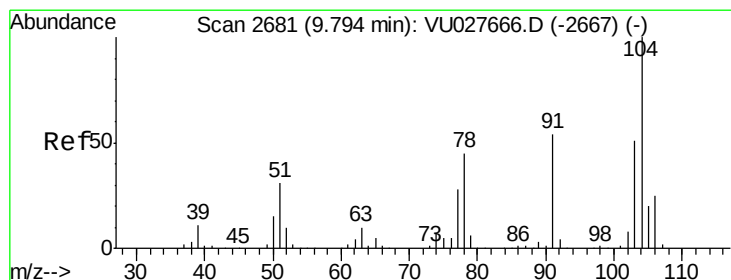
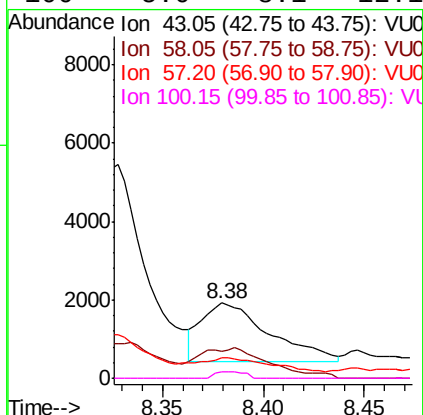
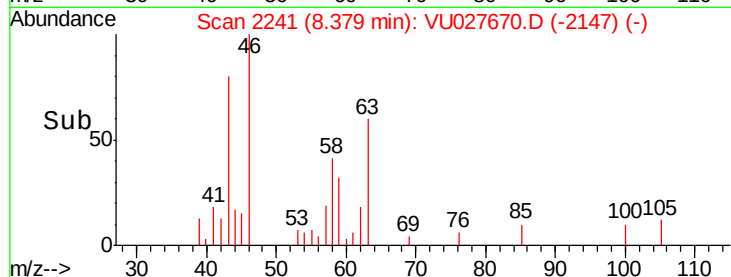
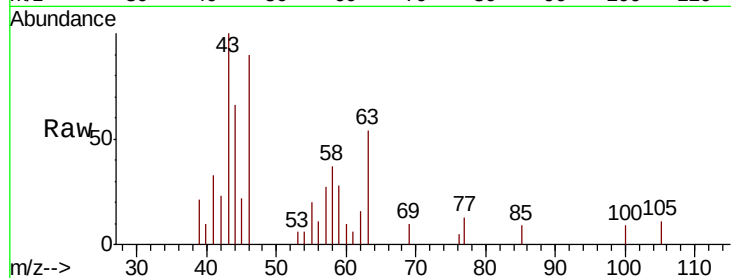




#48
2-Hexanone
Concen: 0.933 ug/L
RT: 8.38 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VU027670.D
Acq: 17 Oct 2018 11:32

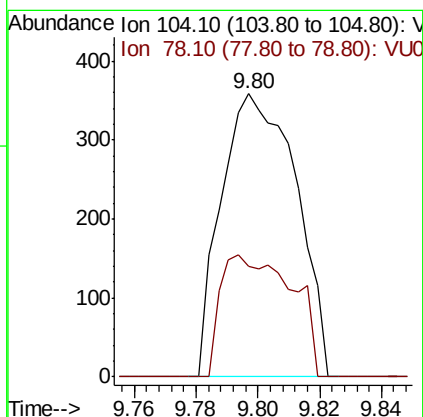
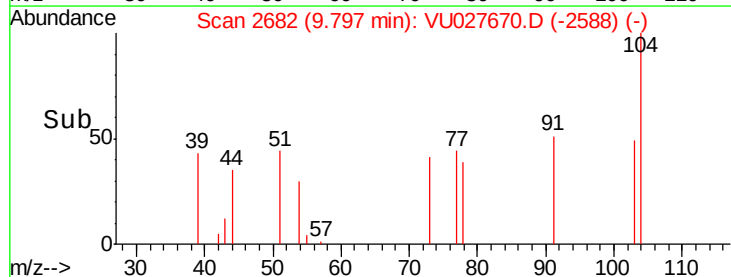
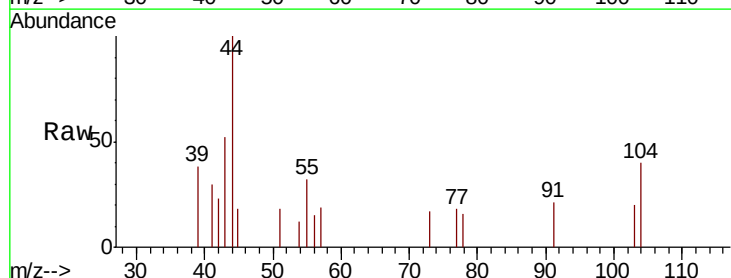
Instrument :
MSVOA_U
ClientSampleId :
VBLK59

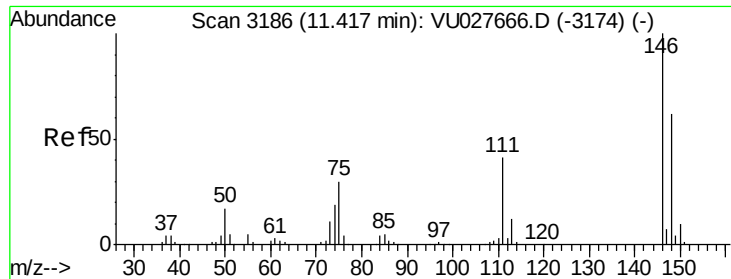
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 54.7 42.7 64.1
57 22.0 14.5 21.7#
100 5.0 8.1 12.1#



#55
Styrene
Concen: 0.030 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027670.D
Acq: 17 Oct 2018 11:32

Tgt Ion: 104 Resp: 602
Ion Ratio Lower Upper
104 100
78 39.1 31.8 59.0

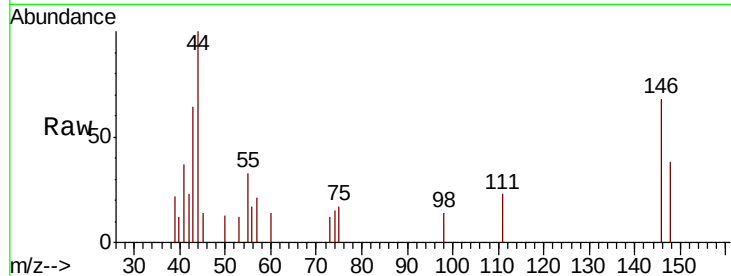




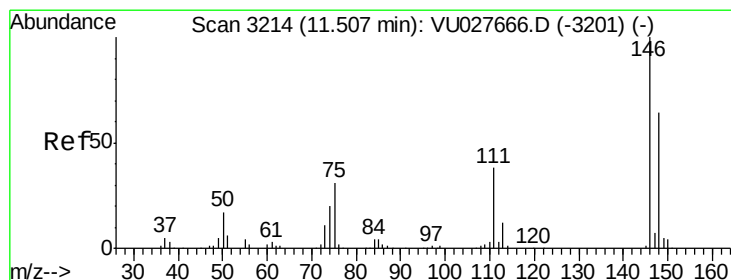
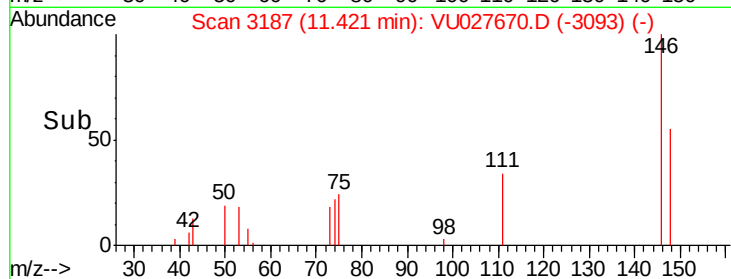
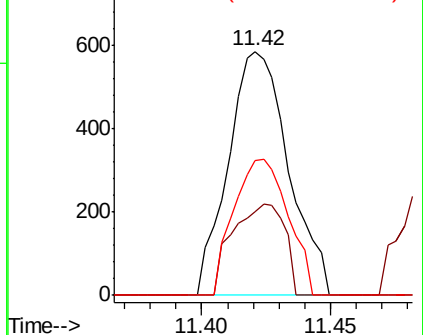
#62
 1,3-Dichlorobenzene
 Concen: 0.073 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Tgt Ion:146 Resp: 952
 Ion Ratio Lower Upper
 146 100
 111 34.1 28.6 53.0
 148 55.3 43.6 81.0

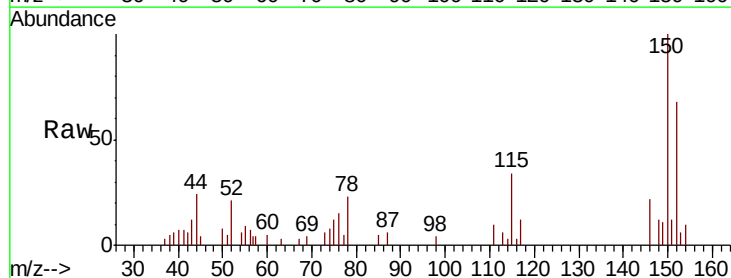


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

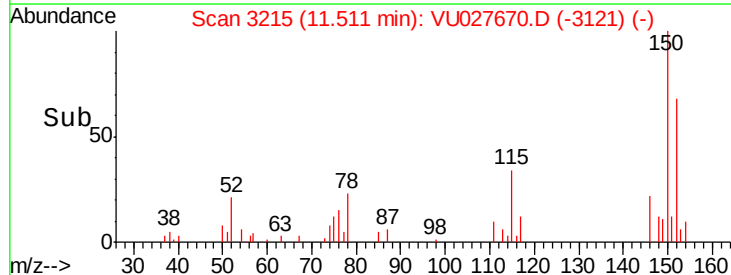
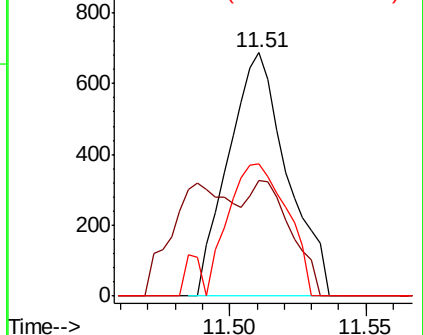


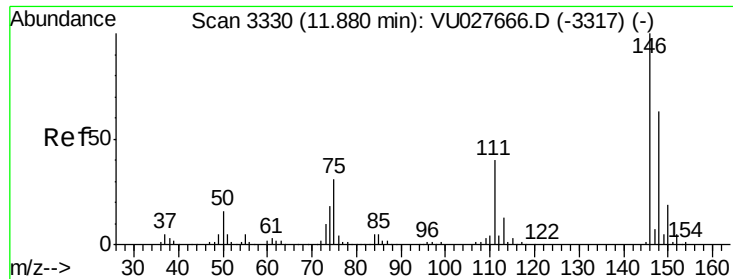
#63
 1,4-Dichlorobenzene
 Concen: 0.078 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

Tgt Ion:146 Resp: 1027
 Ion Ratio Lower Upper
 146 100
 111 47.2 26.5 49.1
 148 54.2 45.2 84.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

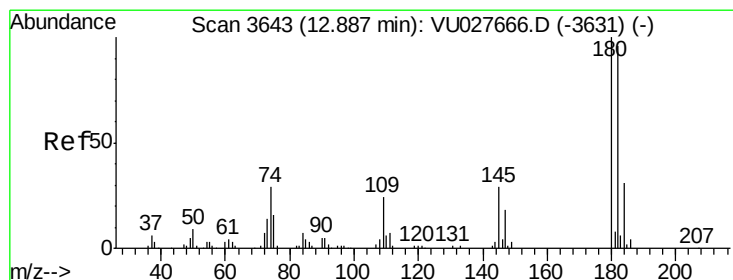
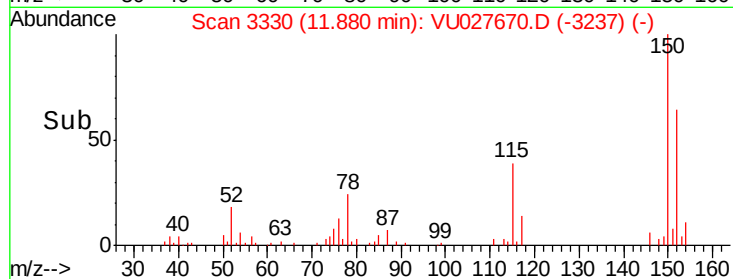
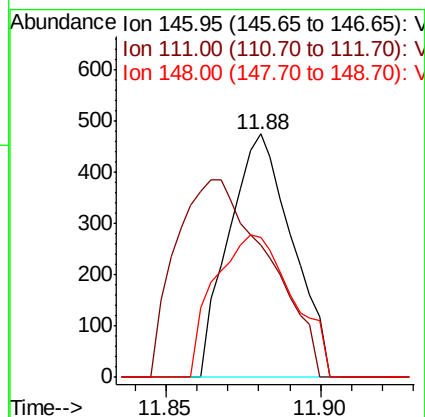
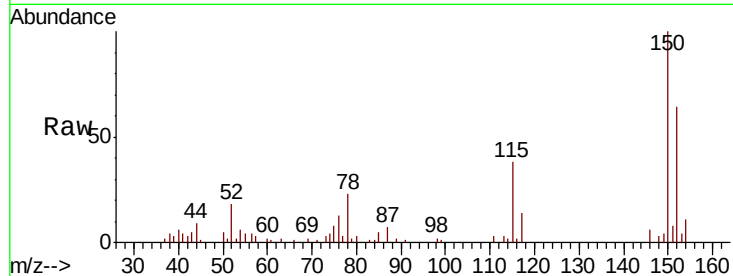




#65
 1,2-Dichlorobenzene
 Concen: 0.054 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

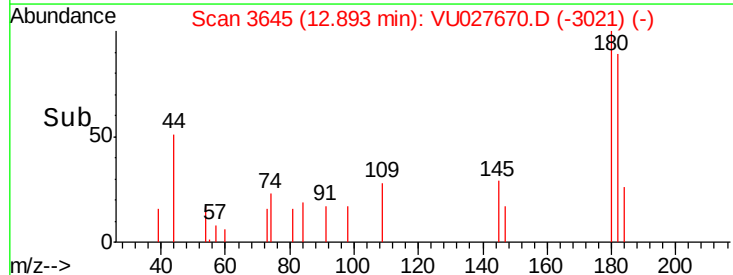
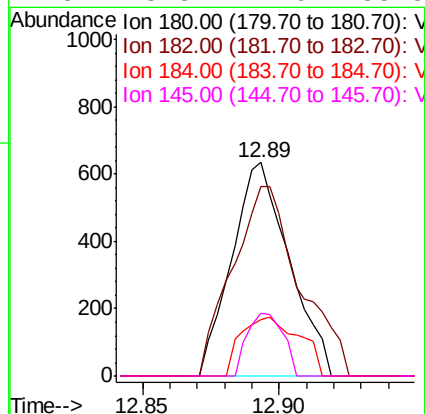
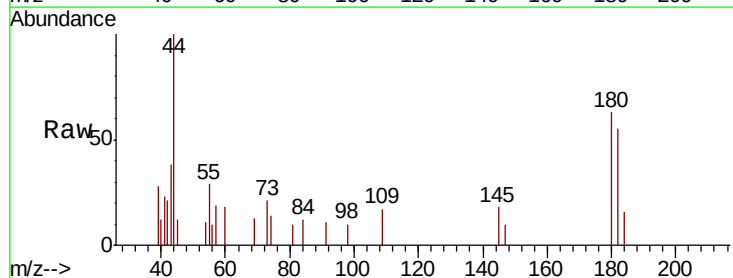
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

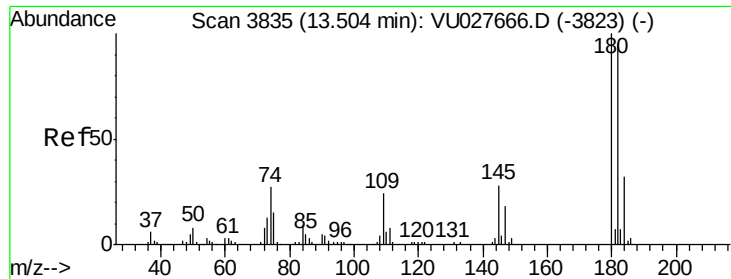
Tgt Ion:146 Resp: 676
 Ion Ratio Lower Upper
 146 100
 111 54.5 31.7 47.5#
 148 57.5 50.6 75.8



#67
 1,3,5-Trichlorobenzene
 Concen: 0.087 ug/L
 RT: 12.89 min Scan# 3645
 Delta R.T. 0.01 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

Tgt Ion:180 Resp: 926
 Ion Ratio Lower Upper
 180 100
 182 103.3 77.0 115.4
 184 28.2 24.2 36.2
 145 18.3 22.6 33.8#





#68

1,2,4-trichlorobenzene

Concen: 0.158 ug/L

RT: 13.51 min Scan# 3836

Delta R.T. 0.00 min

Lab File: VU027670.D

Acq: 17 Oct 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

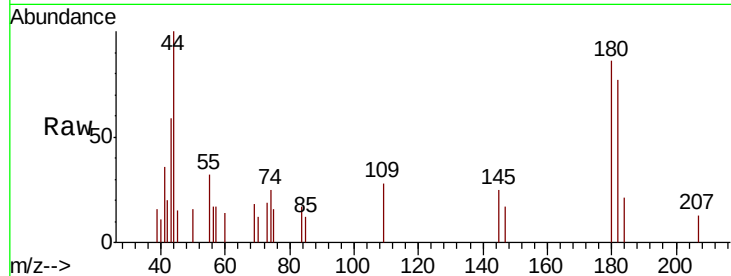
Tgt Ion:180 Resp: 1452

Ion Ratio Lower Upper

180 100

182 92.1 76.6 114.8

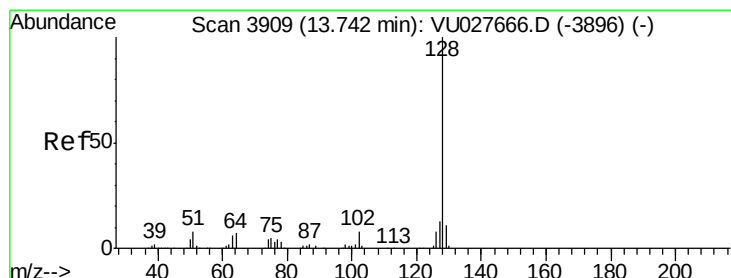
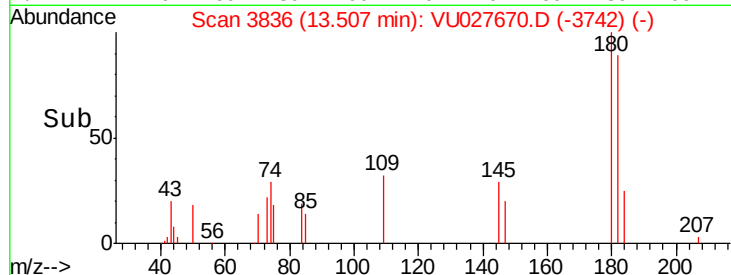
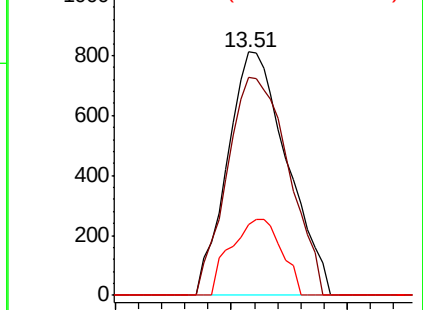
145 26.7 22.2 33.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#69

Naphthalene

Concen: 0.219 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027670.D

Acq: 17 Oct 2018 11:32

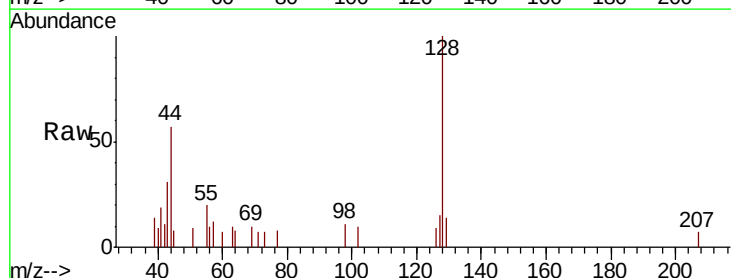
Tgt Ion:128 Resp: 3358

Ion Ratio Lower Upper

128 100

129 9.1 8.7 13.1

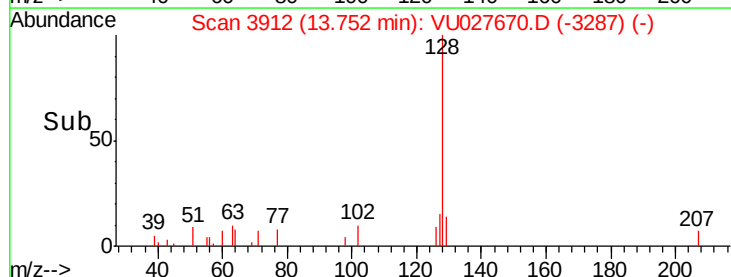
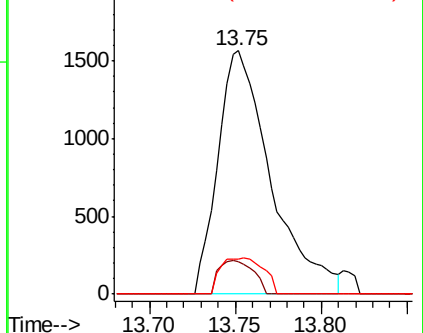
127 12.1 10.5 15.7

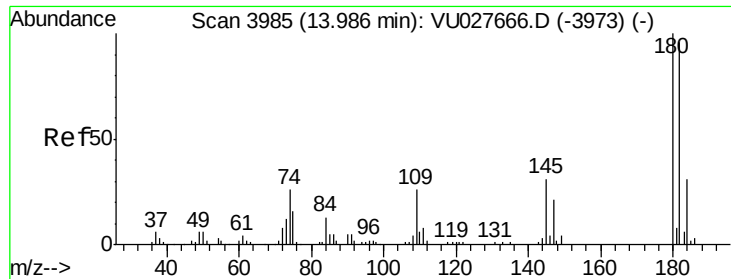


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

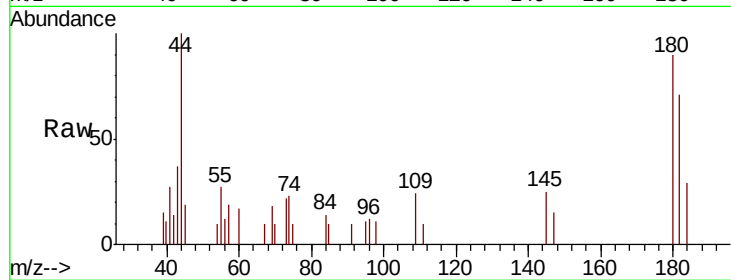




#70
 1,2,3-Trichlorobenzene
 Concen: 0.178 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU027670.D
 Acq: 17 Oct 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Tgt Ion:180 Resp: 1528
 Ion Ratio Lower Upper
 180 100
 182 91.2 75.8 113.6
 145 26.6 24.4 36.6



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

