

Data File : VU030060.D
Acq On : 14 Mar 2019 09:50
Operator : JC/SP
Sample : VU0315WBL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

Quant Time: Mar 15 01:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	477939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230747	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144982	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.68	69	123973	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.24%
11) 1,1-Dichloroethene-d2	2.27	63	209903	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	4.17	46	257250	106.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.47%
24) Chloroform-d	4.64	84	290188	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
26) 1,2-Dichloroethane-d4	5.31	65	175140	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.34	84	634094	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
36) 1,2-Dichloropropane-d6	6.33	67	196787	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.52%
41) Toluene-d8	7.56	98	583790	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%
43) trans-1,3-Dichloropropene-	7.85	79	91081	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	223812	106.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295612	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	242699	54.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.58%

Target Compounds

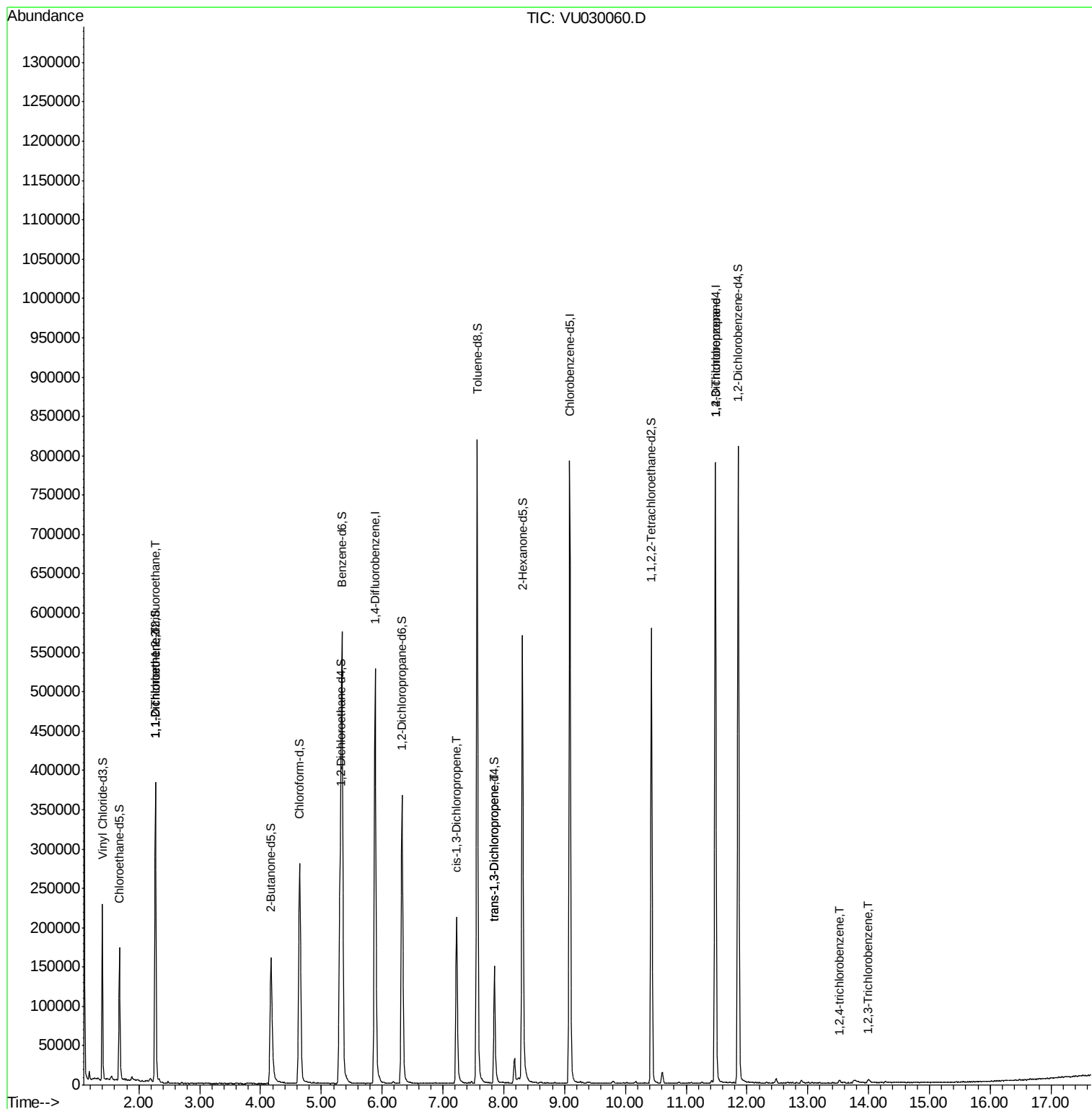
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2177	0.680 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1930	0.632 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4881	0.872 ug/L #	39
44) trans-1,3-Dichloropropene	7.85	75	3840	0.751 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	24565	5.243 ug/L	99
68) 1,2,4-trichlorobenzene	13.52	180	2067	0.391 ug/L #	94
70) 1,2,3-Trichlorobenzene	13.99	180	3423	0.623 ug/L #	70

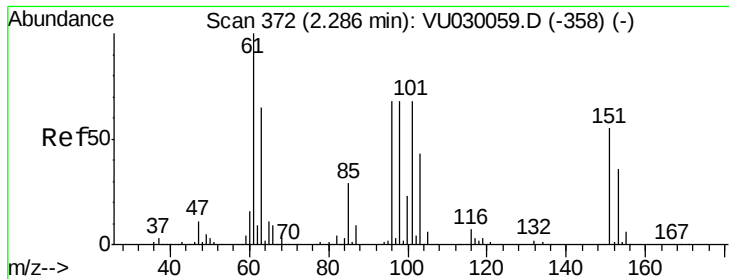
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030060.D
Acq On : 14 Mar 2019 09:50
Operator : JC/SP
Sample : VU0315WBL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

Quant Time: Mar 15 01:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030060.D

Acq: 14 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK60

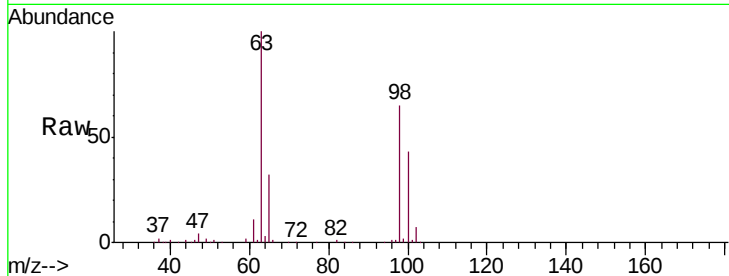
Tgt Ion: 101 Resp: 2177

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

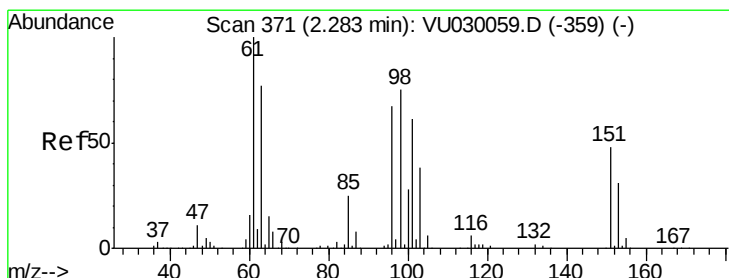
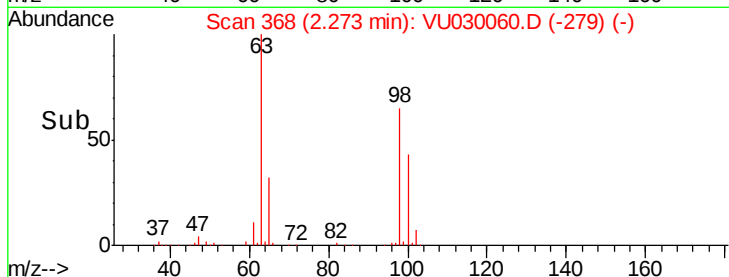
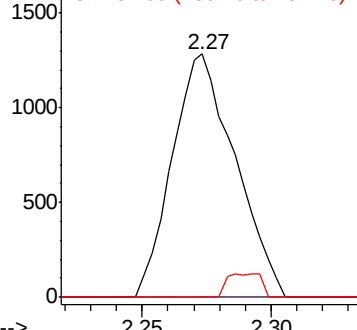
151 3.1 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.632 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030060.D

Acq: 14 Mar 2019 09:50

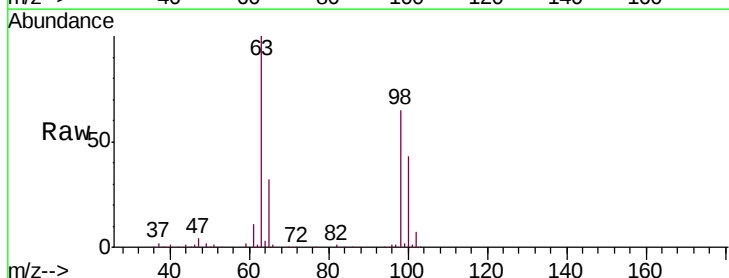
Tgt Ion: 96 Resp: 1930

Ion Ratio Lower Upper

96 100

61 1381.9 110.4 205.0#

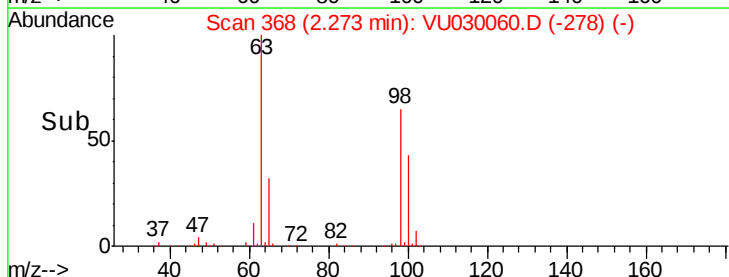
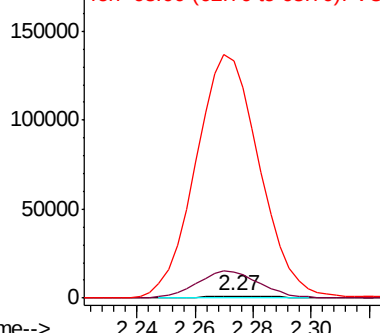
63 12379.3 86.5 160.7#

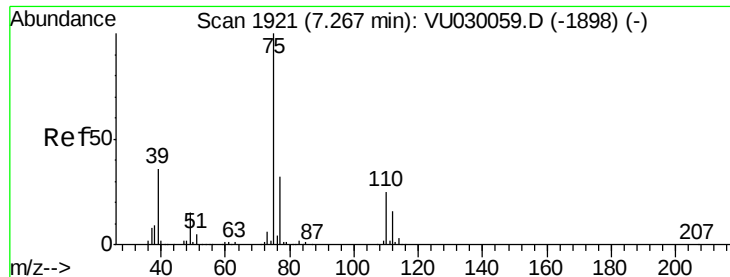


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



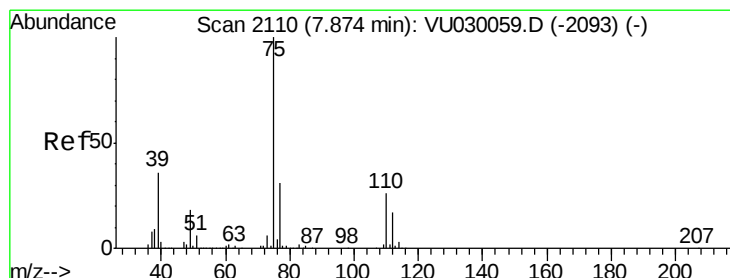
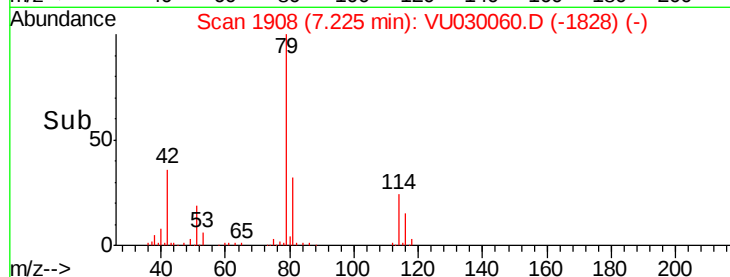
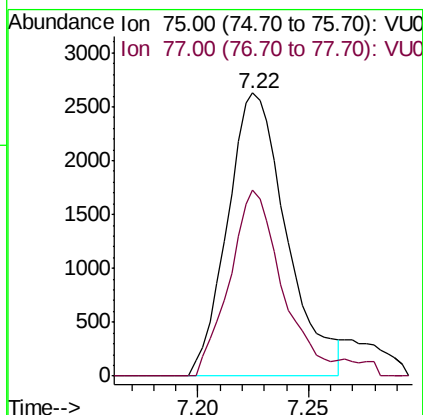
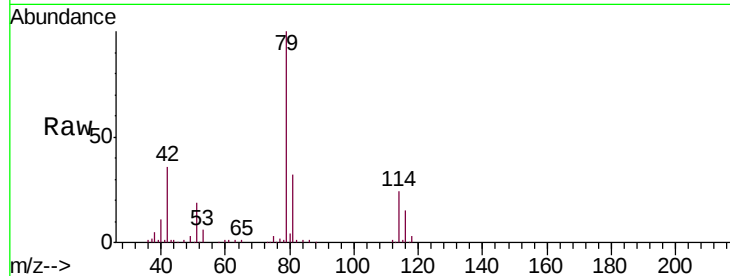


#39

cis-1,3-Dichloropropene
Concen: 0.872 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030060.D
Acq: 14 Mar 2019 09:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

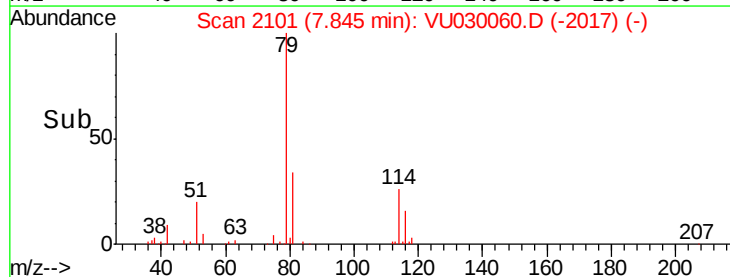
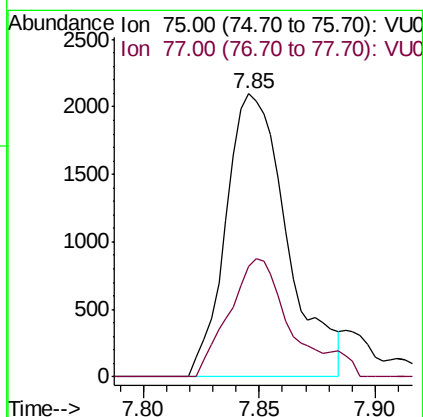
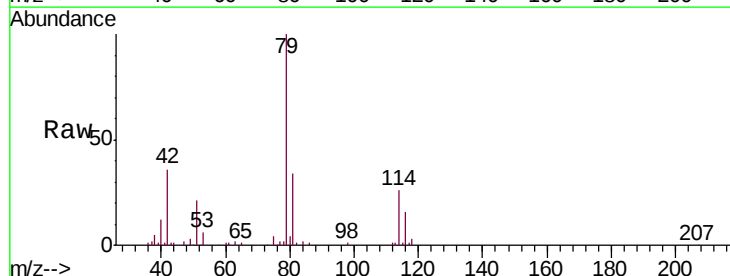
Tgt Ion: 75 Resp: 4881
Ion Ratio Lower Upper
75 100
77 65.6 22.2 41.2#

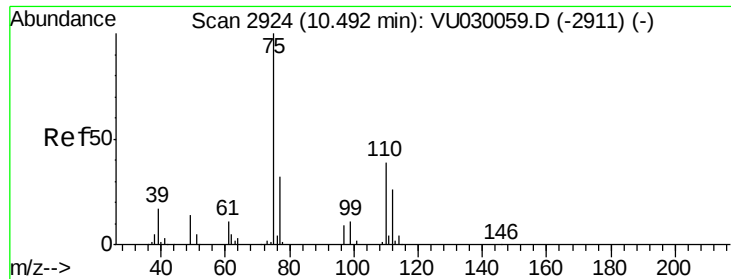


#44

trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030060.D
Acq: 14 Mar 2019 09:50

Tgt Ion: 75 Resp: 3840
Ion Ratio Lower Upper
75 100
77 39.0 21.9 40.7

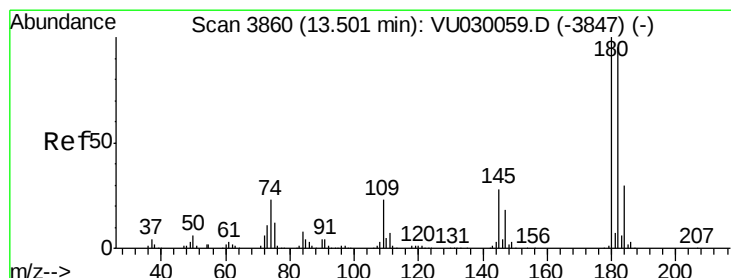
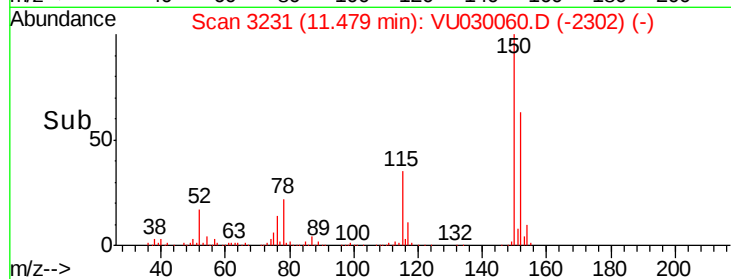
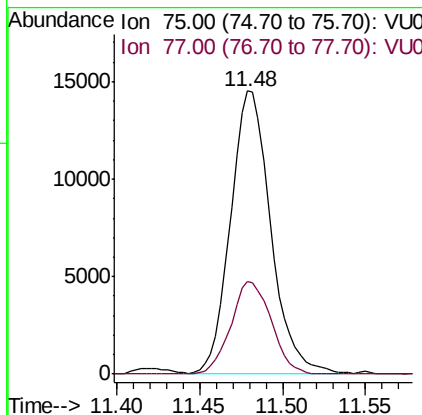
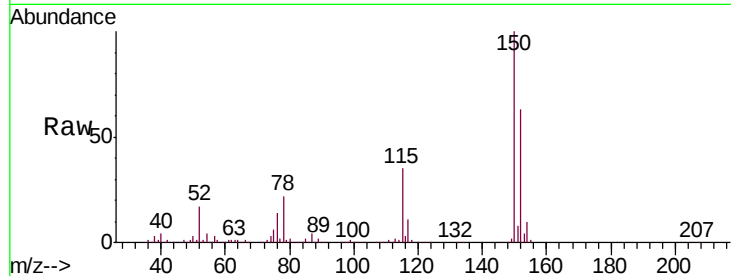




#59
 1,2,3-Trichloropropane
 Concen: 5.243 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030060.D
 Acq: 14 Mar 2019 09:50

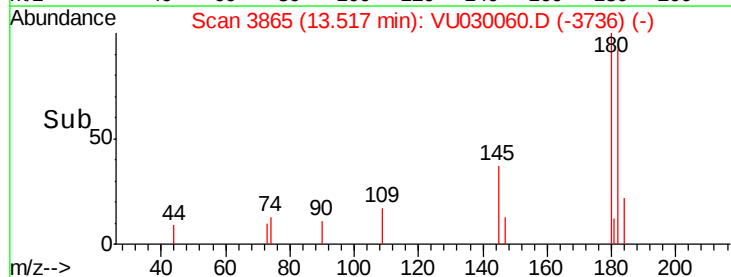
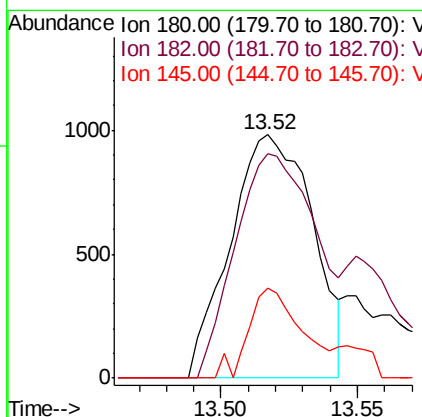
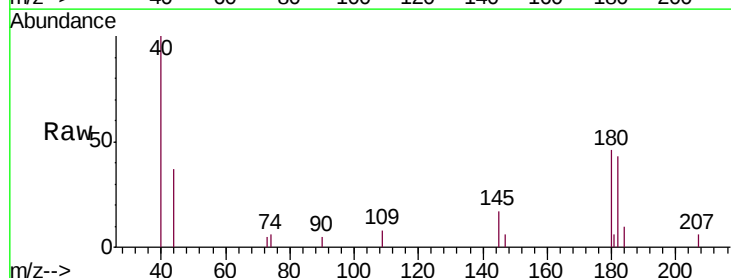
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK60

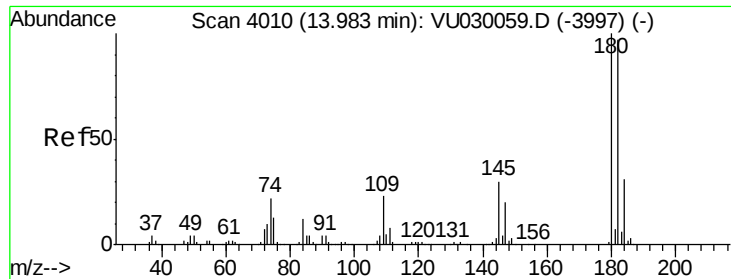
Tgt Ion: 75 Resp: 24565
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.391 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030060.D
 Acq: 14 Mar 2019 09:50

Tgt Ion: 180 Resp: 2067
 Ion Ratio Lower Upper
 180 100
 182 90.7 76.1 114.1
 145 22.8 23.0 34.4#

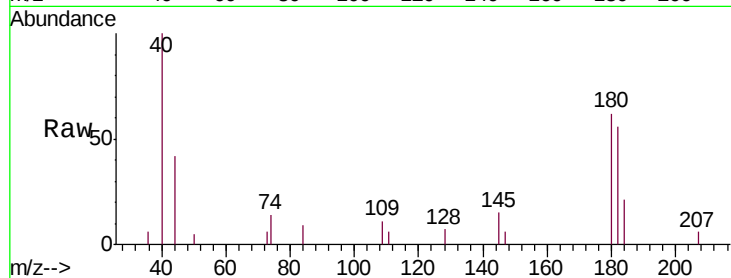




#70
 1,2,3-Trichlorobenzene
 Concen: 0.623 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU030060.D
 Acq: 14 Mar 2019 09:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK60

Tgt Ion:180 Resp: 3423
 Ion Ratio Lower Upper
 180 100
 182 64.4 75.9 113.9#
 145 15.4 24.0 36.0#



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

