

Data File : VU030179.D
Acq On : 18 Mar 2019 17:12
Operator : JC/SP
Sample : K1936-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 19 02:29:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	495797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185055	54.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.52%
7) Chloroethane-d5	1.68	69	149461	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.58%
11) 1,1-Dichloroethene-d2	2.27	63	252248	41.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.70%
21) 2-Butanone-d5	4.17	46	274024	108.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.65	84	328050	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	5.31	65	194404	55.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.02%
32) Benzene-d6	5.34	84	720383	56.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.88%
36) 1,2-Dichloropropane-d6	6.33	67	220233	56.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.76%
41) Toluene-d8	7.56	98	643277	53.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.66%
43) trans-1,3-Dichloropropene-	7.85	79	100287	53.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.00%
47) 2-Hexanone-d5	8.31	63	223156	102.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321945	53.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	250167	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

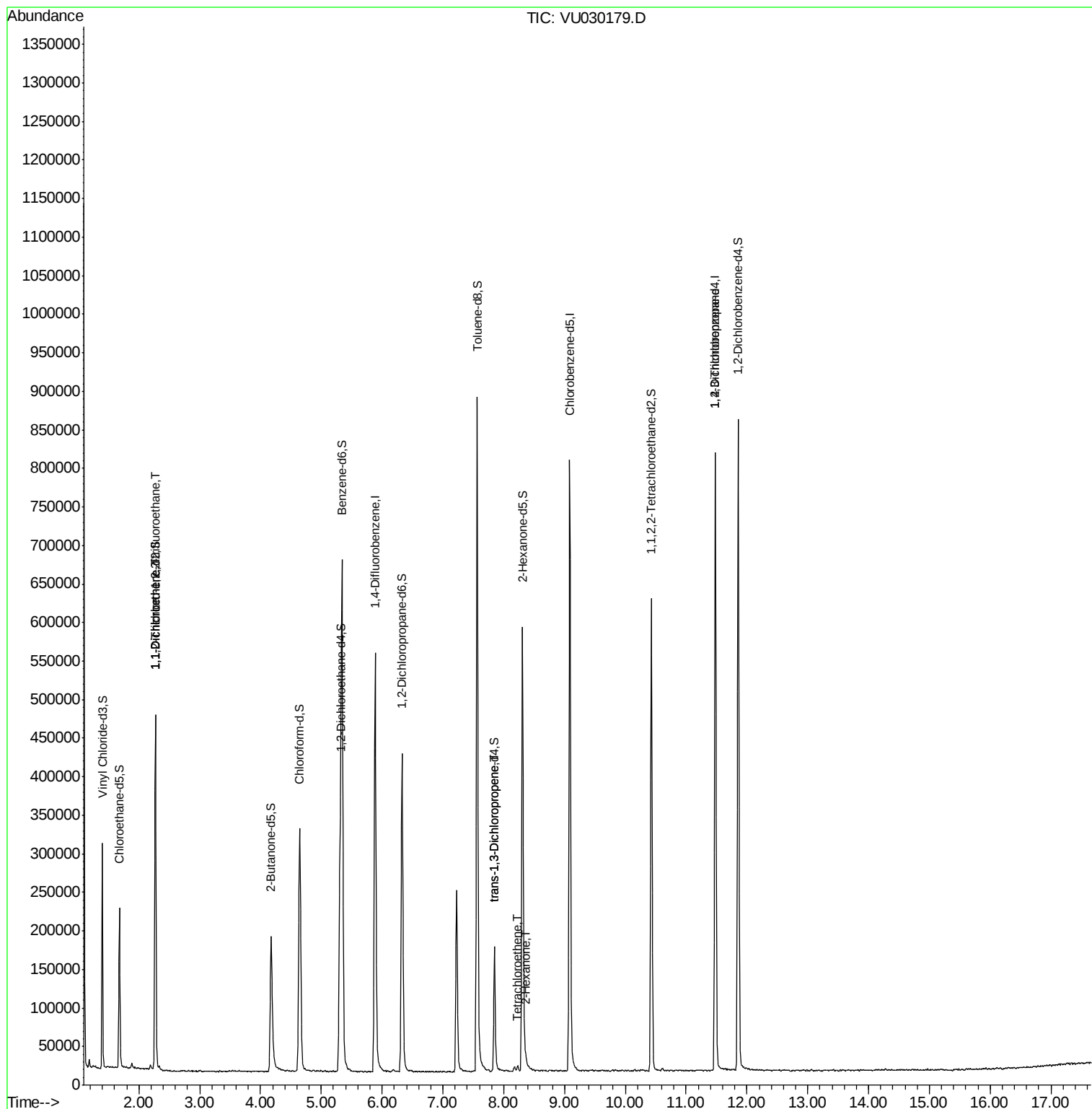
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2553	0.761	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2081	0.650	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3617	0.682	ug/L #	79
46) Tetrachloroethene	8.22	164	2164	0.665	ug/L #	66
48) 2-Hexanone	8.36	43	5116	1.190	ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	23604	4.857	ug/L	95

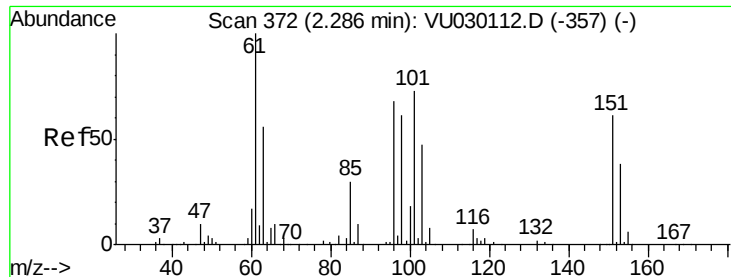
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.761 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030179.D

Acq: 18 Mar 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

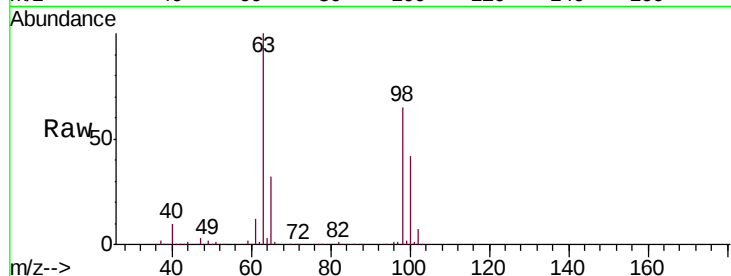
Tgt Ion: 101 Resp: 2553

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

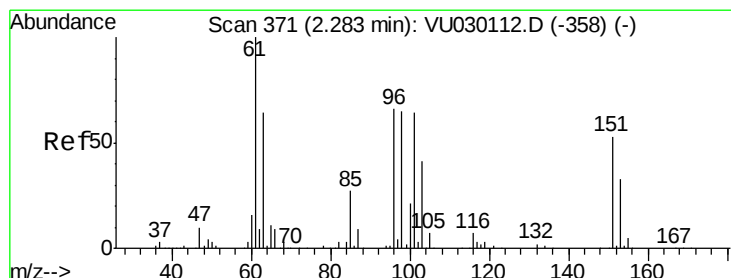
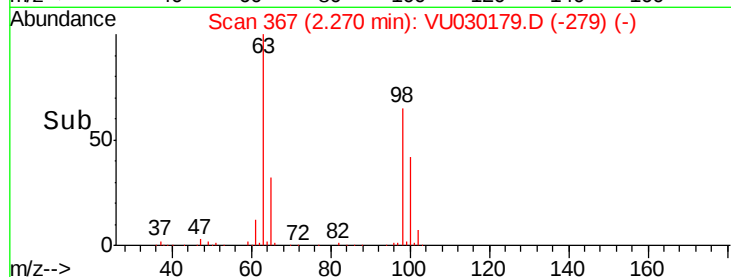
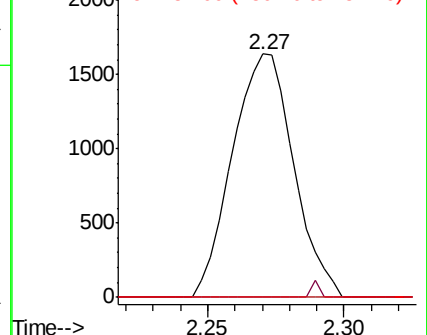
151 0.0 66.1 99.1#



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: 0.650 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030179.D

Acq: 18 Mar 2019 17:12

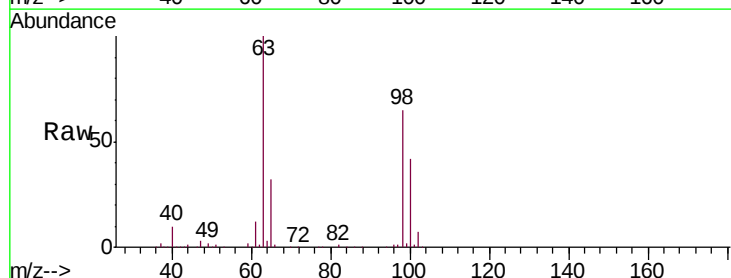
Tgt Ion: 96 Resp: 2081

Ion Ratio Lower Upper

96 100

61 1430.1 110.4 205.0#

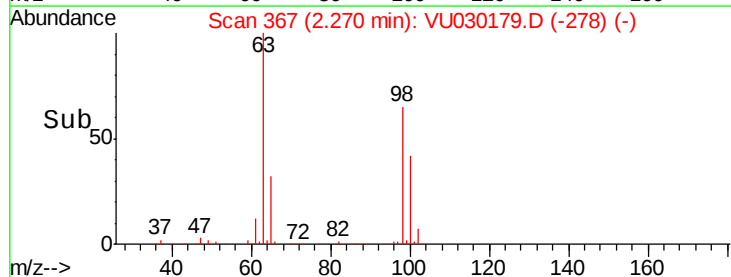
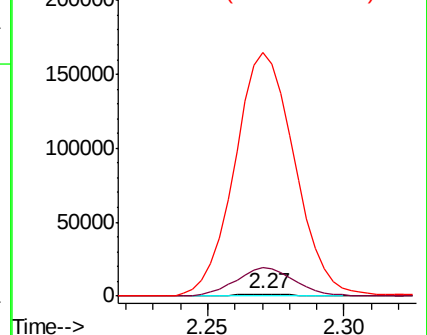
63 12316.5 86.5 160.7#

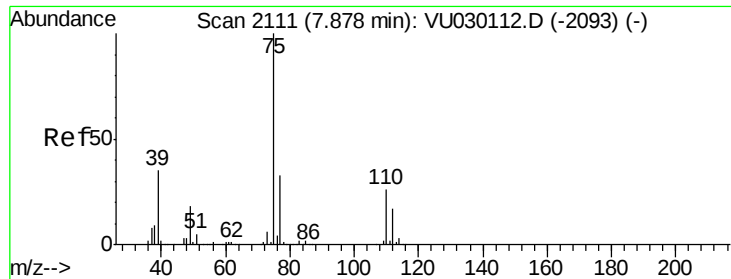


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

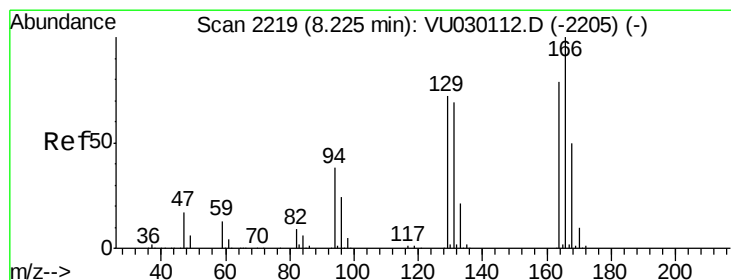
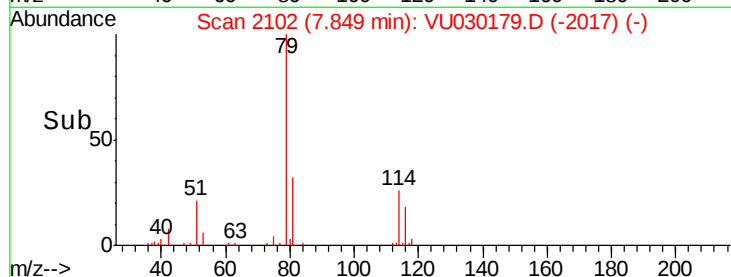
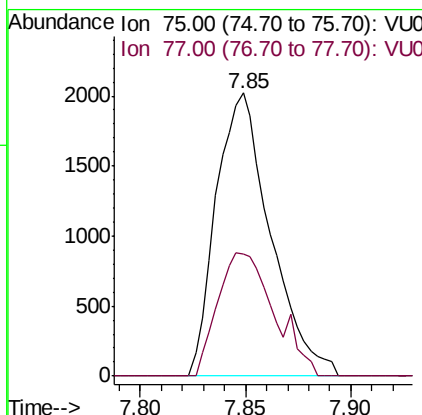
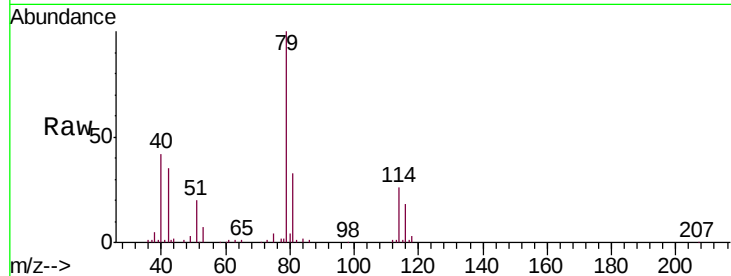




#44
trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030179.D
Acq: 18 Mar 2019 17:12

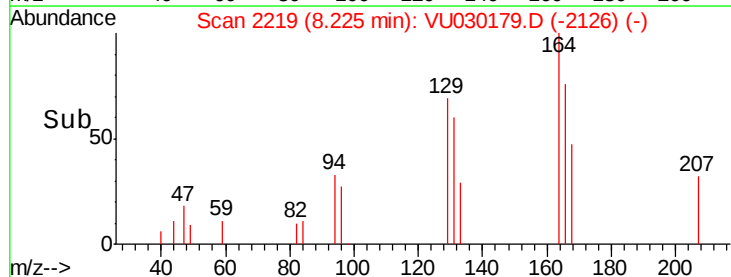
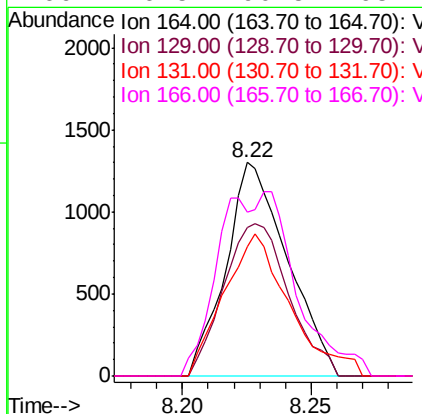
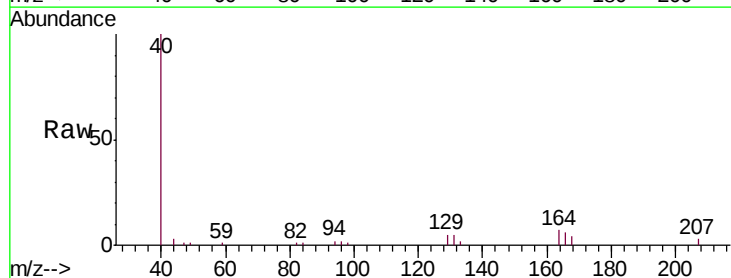
Instrument :
MSVOA_U
ClientSampled :
VHBLK02

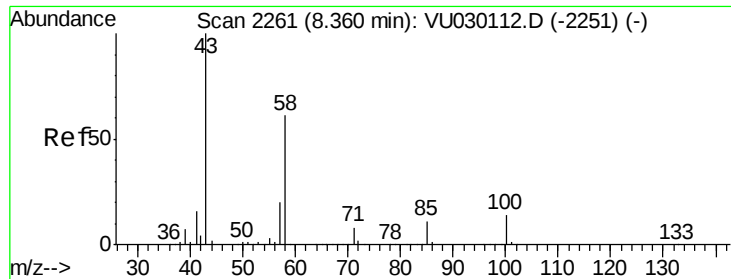
Tgt Ion: 75 Resp: 3617
Ion Ratio Lower Upper
75 100
77 43.0 21.9 40.7#



#46
Tetrachloroethene
Concen: 0.665 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030179.D
Acq: 18 Mar 2019 17:12

Tgt Ion: 164 Resp: 2164
Ion Ratio Lower Upper
164 100
129 69.3 63.3 117.7
131 60.4 62.0 115.2#
166 76.5 90.5 168.1#

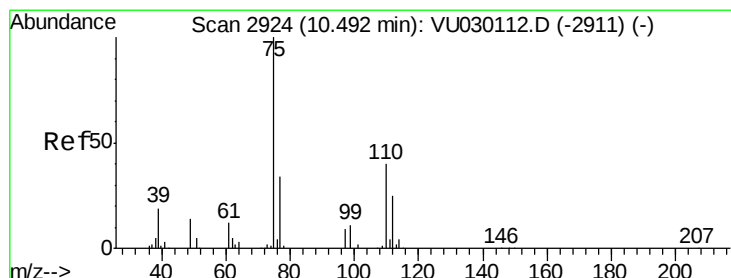
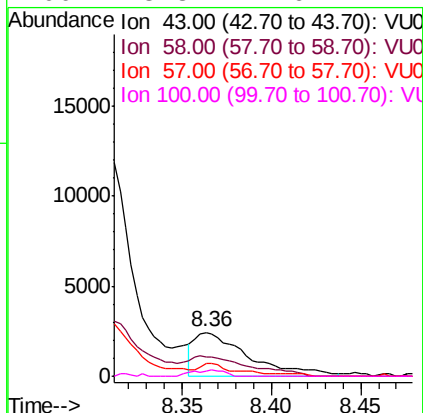
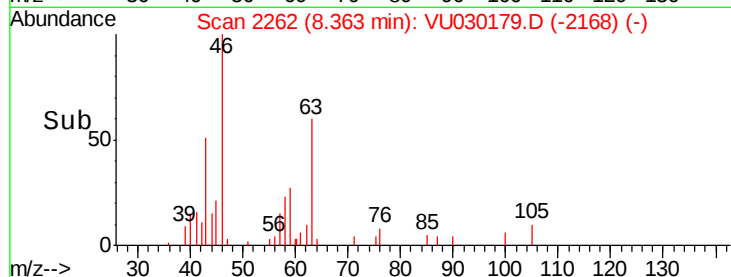
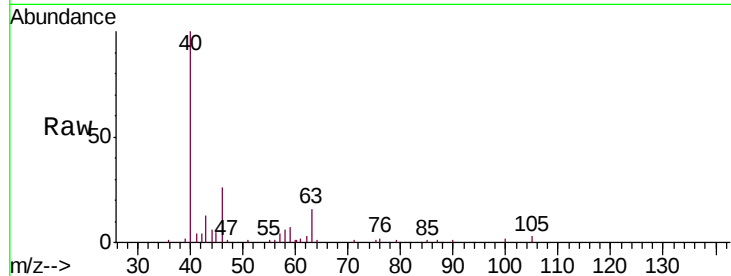




#48
2-Hexanone
Concen: 1.190 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030179.D
Acq: 18 Mar 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 43 Resp: 5116
Ion Ratio Lower Upper
43 100
58 23.9 48.6 72.8#
57 8.1 16.1 24.1#
100 8.3 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030179.D
Acq: 18 Mar 2019 17:12

Tgt Ion: 75 Resp: 23604
Ion Ratio Lower Upper
75 100
77 35.3 25.8 38.8

