

Data File : VU030180.D
Acq On : 18 Mar 2019 17:35
Operator : JC/SP
Sample : K1949-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 19 02:29:57 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	509477	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182095	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.08%
7) Chloroethane-d5	1.68	69	147988	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.27	63	247095	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
21) 2-Butanone-d5	4.17	46	270921	107.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.65	84	320501	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	5.31	65	189461	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
32) Benzene-d6	5.34	84	698019	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.16%
36) 1,2-Dichloropropane-d6	6.33	67	215167	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.94%
41) Toluene-d8	7.56	98	631920	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%
43) trans-1,3-Dichloropropene-	7.85	79	97257	51.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.58%
47) 2-Hexanone-d5	8.31	63	218884	99.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312521	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	245922	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2614	0.781	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1986	0.622	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4851	0.834	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3396	0.639	ug/L #	57
48) 2-Hexanone	8.37	43	4853	1.127	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	23646	4.855	ug/L	97

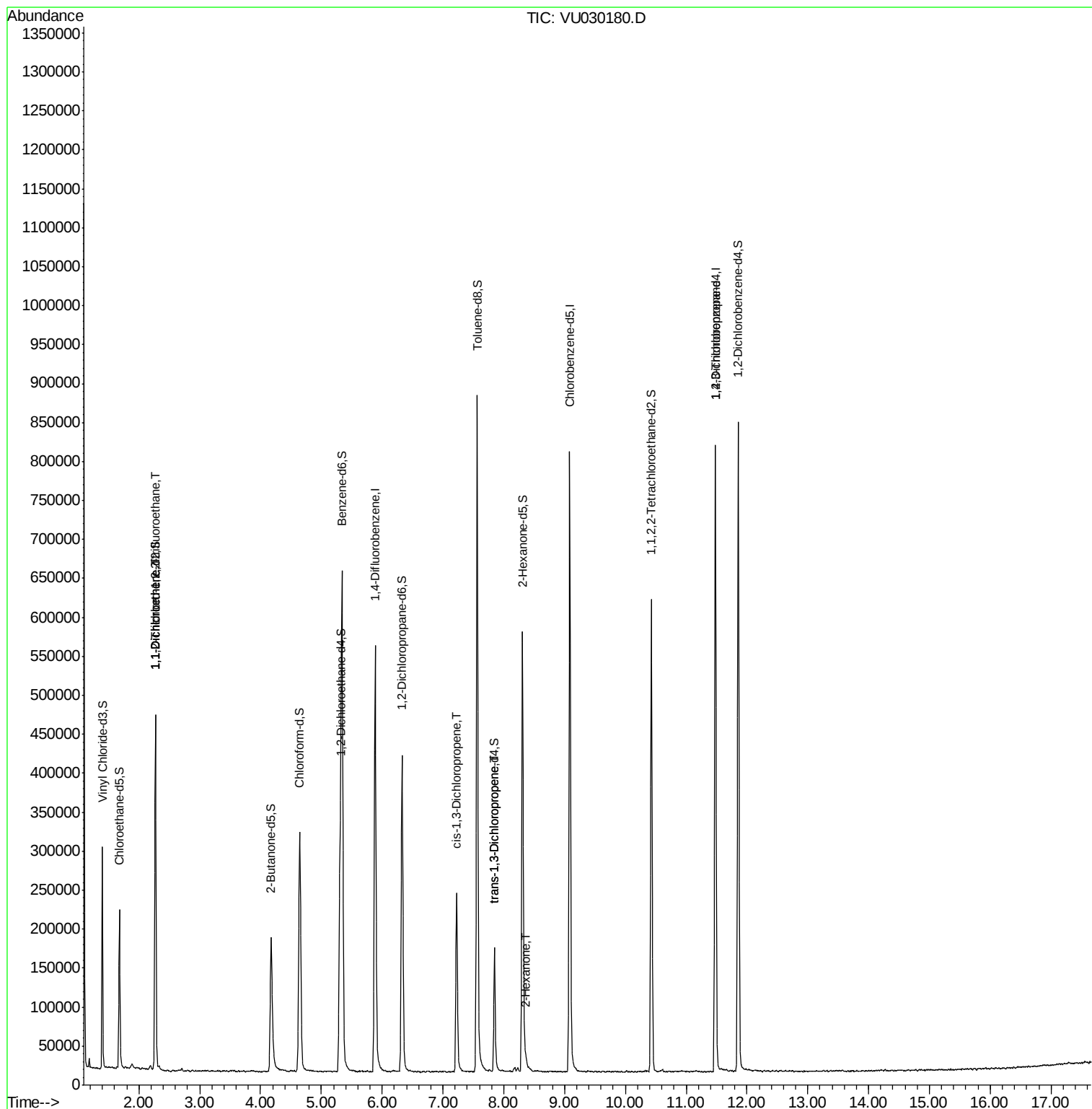
(#) = qualifier out of range (m) = manual integration (+) = signals summed

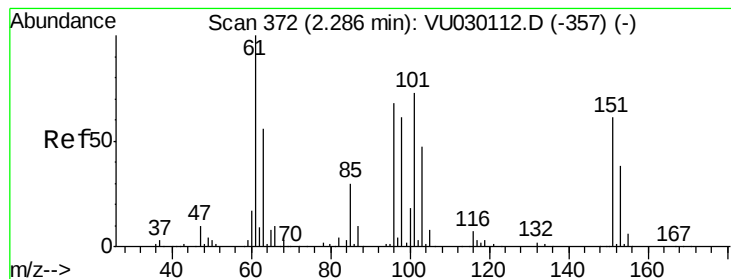
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#10

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

Concen: 0.781 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030180.D

Acq: 18 Mar 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

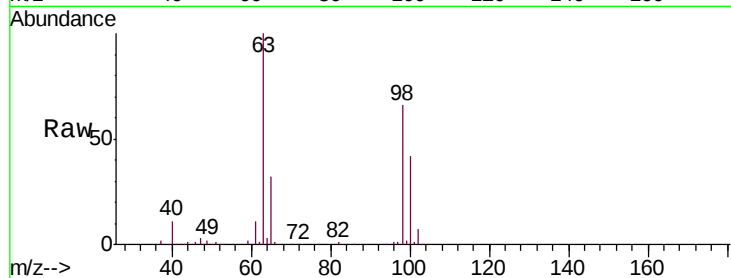
Tgt Ion: 101 Resp: 2614

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

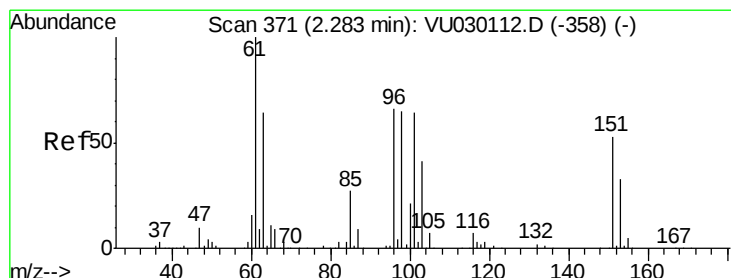
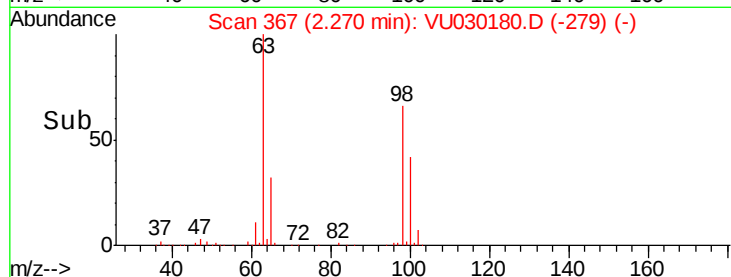
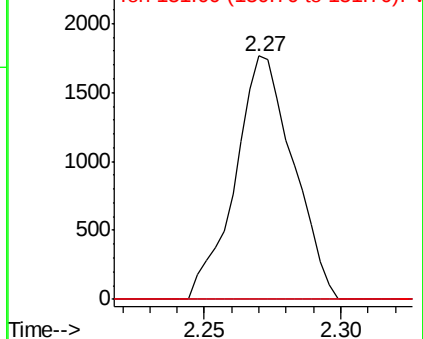
151 0.0 66.1 99.1#



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: 0.622 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030180.D

Acq: 18 Mar 2019 17:35

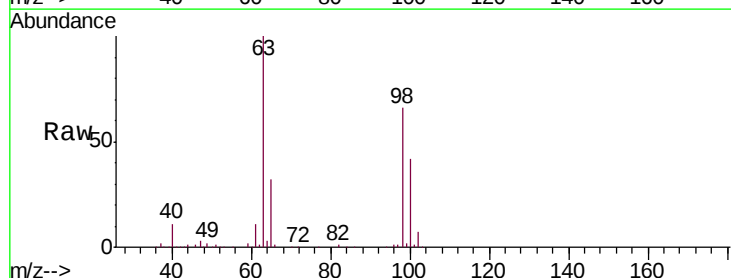
Tgt Ion: 96 Resp: 1986

Ion Ratio Lower Upper

96 100

61 1293.2 110.4 205.0#

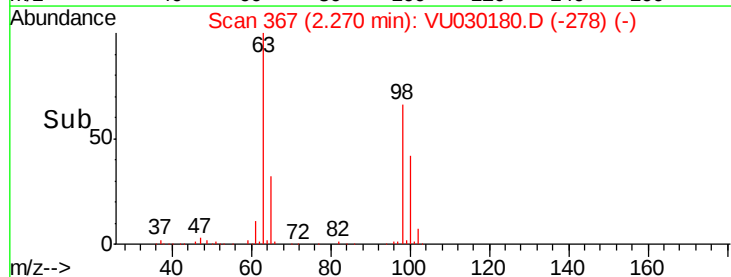
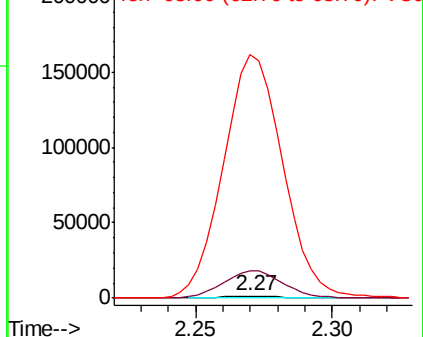
63 11273.6 86.5 160.7#

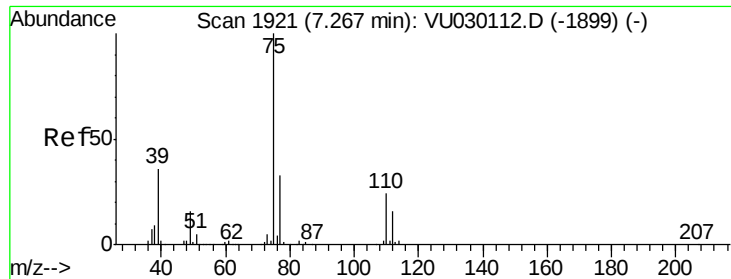


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



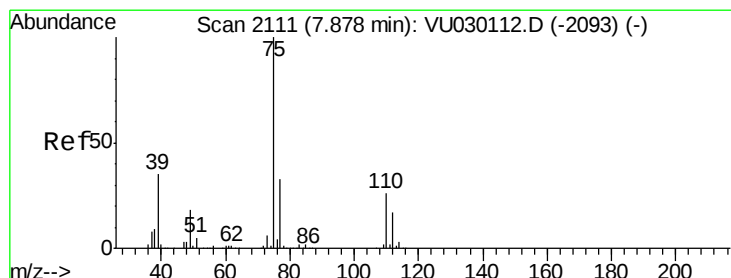
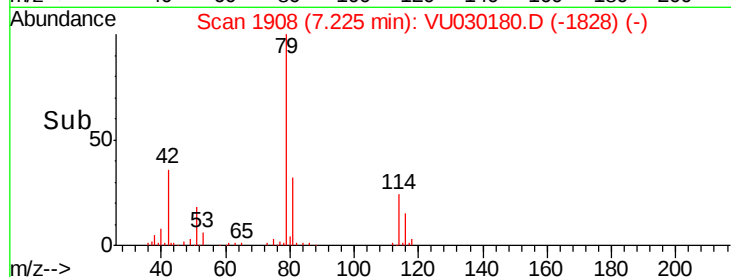
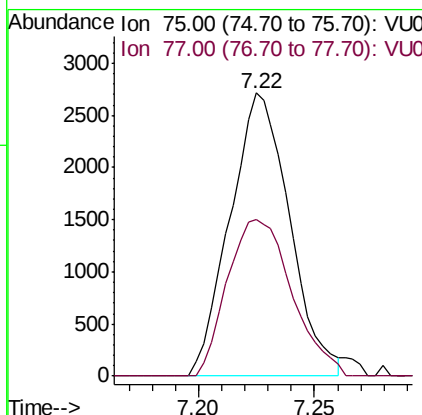
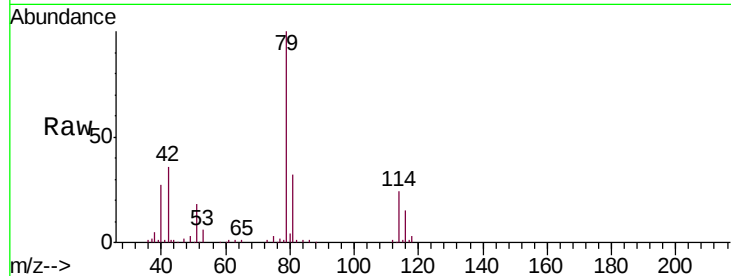


#39

cis-1,3-Dichloropropene
Concen: 0.834 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030180.D
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Instrument :
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ClientSampleId :
VHBLK01

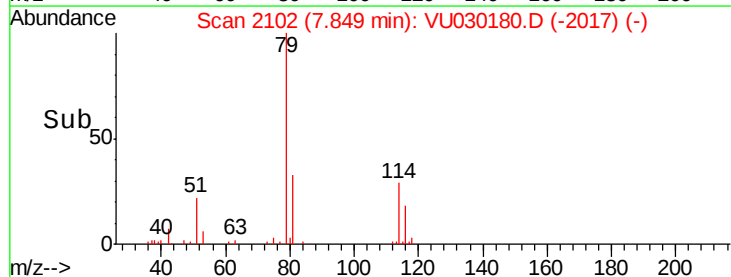
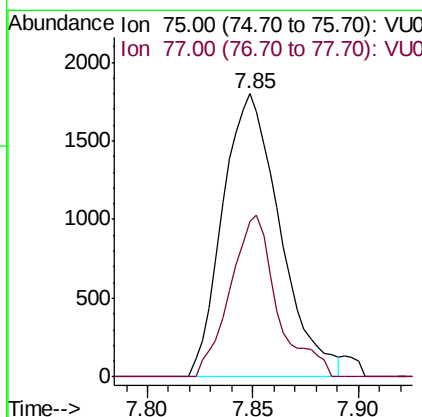
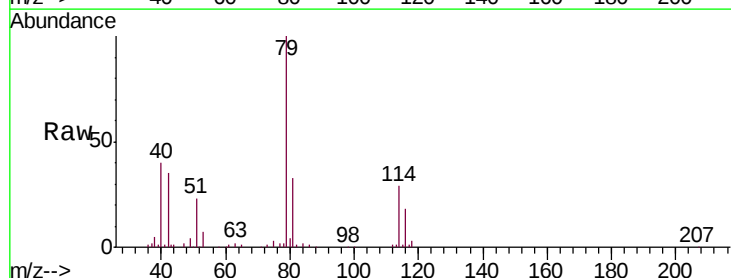
Tgt Ion: 75 Resp: 4851
Ion Ratio Lower Upper
75 100
77 55.2 22.2 41.2#

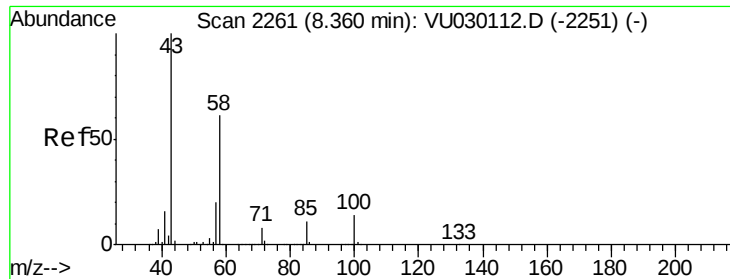


#44

trans-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030180.D
Acq: 18 Mar 2019 17:35

Tgt Ion: 75 Resp: 3396
Ion Ratio Lower Upper
75 100
77 54.8 21.9 40.7#

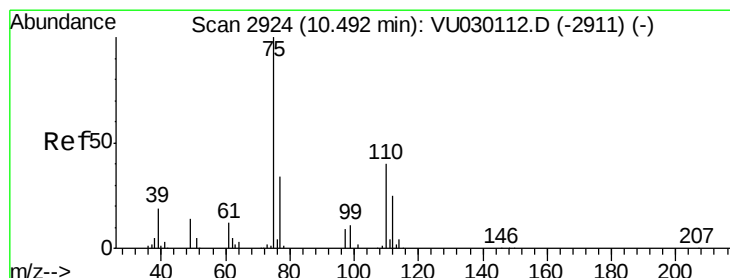
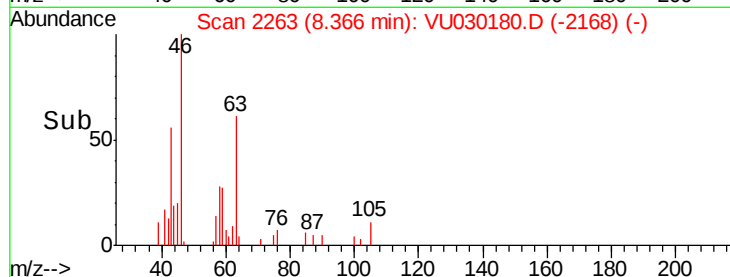
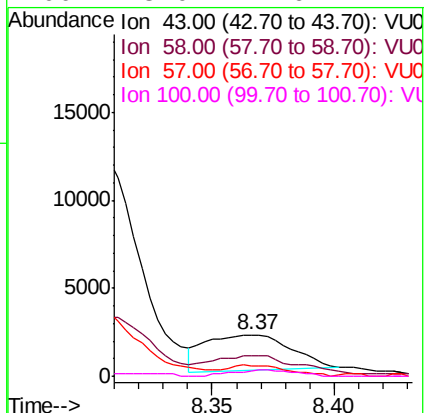
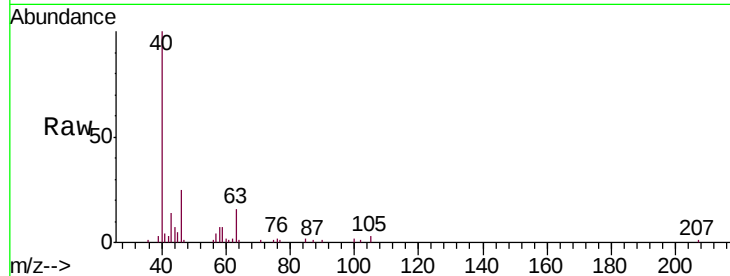




#48
 2-Hexanone
 Concen: 1.127 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030180.D
 Acq: 18 Mar 2019 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 4853
 Ion Ratio Lower Upper
 43 100
 58 23.9 48.6 72.8#
 57 20.9 16.1 24.1
 100 13.0 11.6 17.4



#59
 1,2,3-Trichloropropane
 Concen: 4.855 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030180.D
 Acq: 18 Mar 2019 17:35

Tgt Ion: 75 Resp: 23646
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.8 38.8

