

Data File : VU030228.D
Acq On : 20 Mar 2019 17:29
Operator : JC/SP
Sample : K2017-06 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D5

Quant Time: Mar 22 01:30:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	506709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171352	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.68	69	140740	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.92%
11) 1,1-Dichloroethene-d2	2.27	63	232748	36.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.16%
21) 2-Butanone-d5	4.17	46	267757	103.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.65	84	310888	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.31	65	183597	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.34	84	662676	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.33	67	207826	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	7.56	98	600159	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	93031	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.31	63	220775	103.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306602	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	238985	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

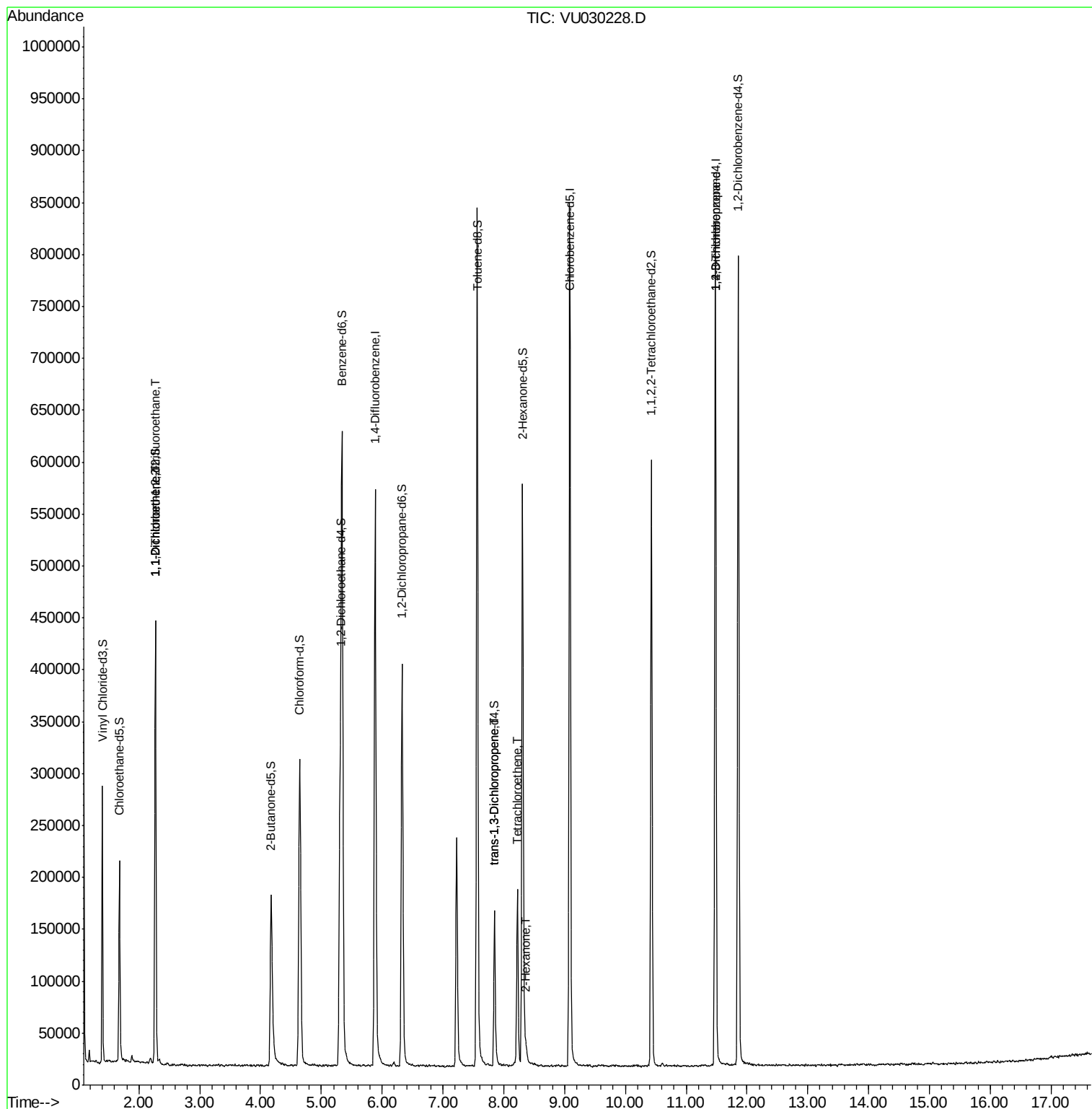
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2606	0.752	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2211	0.642	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3258	0.627	ug/L #	78
46) Tetrachloroethene	8.22	164	44521	13.675	ug/L	96
48) 2-Hexanone	8.36	43	5028	1.177	ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	23889	4.721	ug/L	95

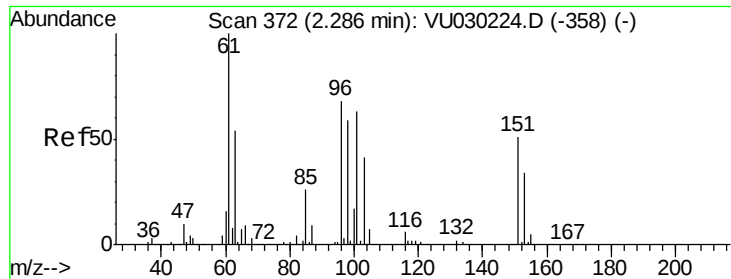
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.752 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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ClientSampleID :

BF1D5

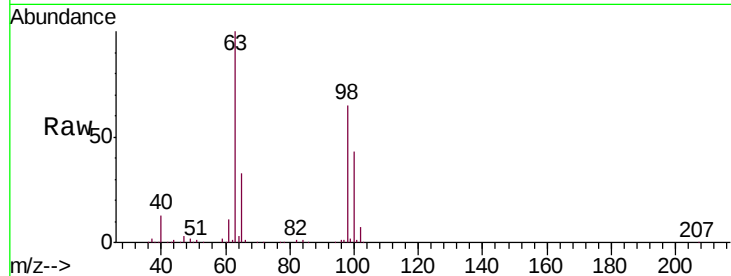
Tgt Ion: 101 Resp: 2606

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

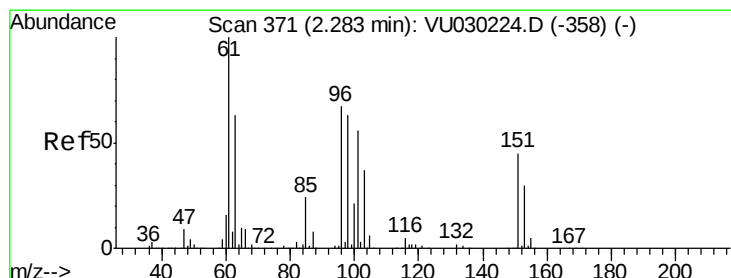
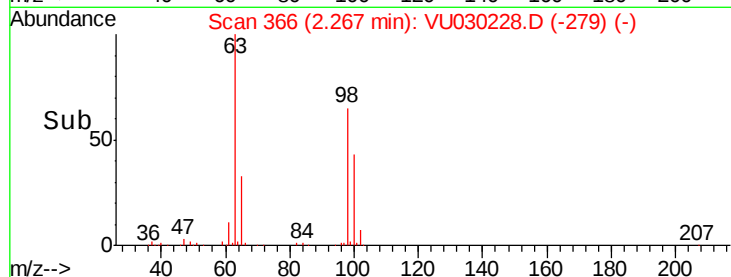
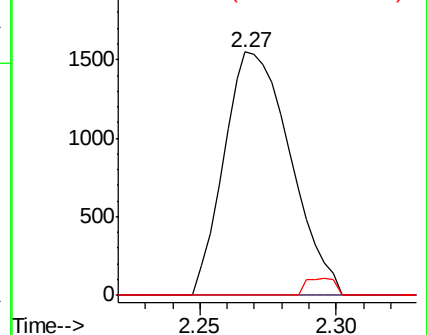
151 1.5 64.7 97.1#



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: 0.642 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030228.D

Acq: 20 Mar 2019 17:29

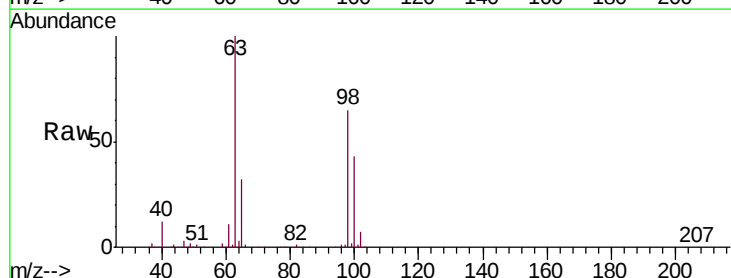
Tgt Ion: 96 Resp: 2211

Ion Ratio Lower Upper

96 100

61 1257.2 104.6 194.2#

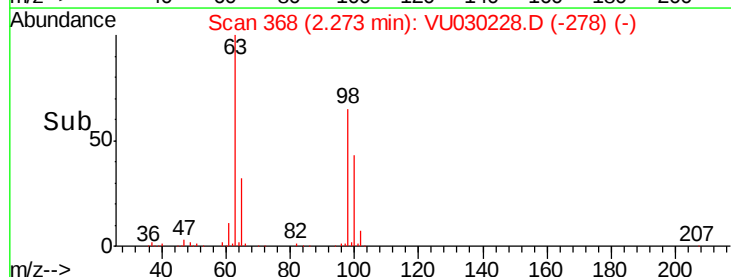
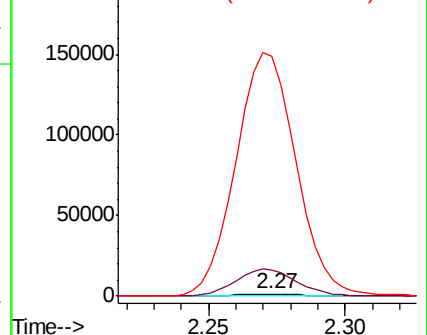
63 11380.0 77.2 143.4#

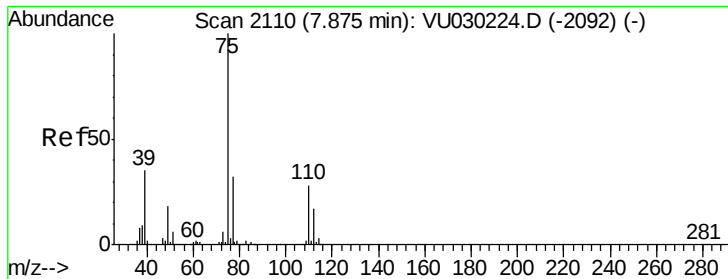


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

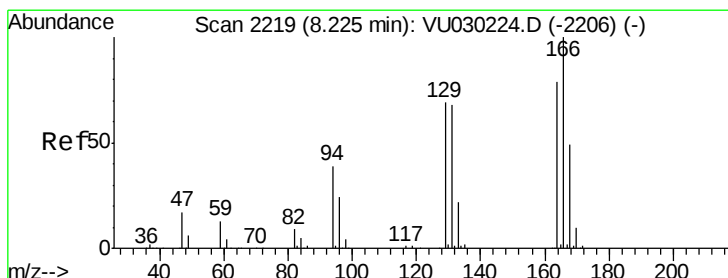
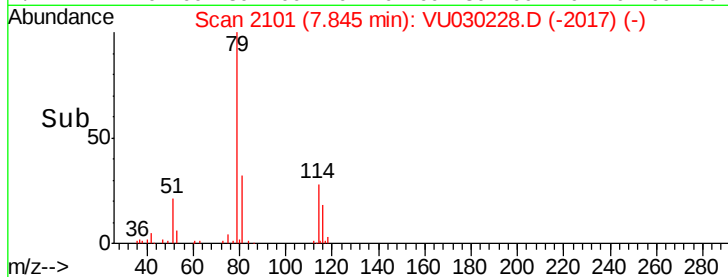
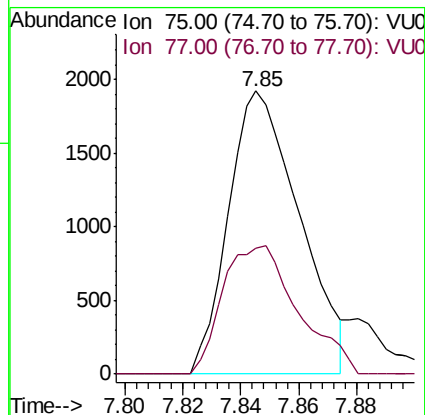
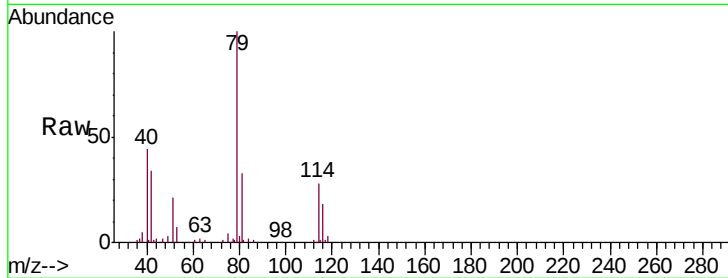
BF1D5

Tgt Ion: 75 Resp: 3258

Ion Ratio Lower Upper

75 100

77 44.5 22.7 42.1#



#46

Tetrachloroethene

Concen: 13.675 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030228.D

Acq: 20 Mar 2019 17:29

Tgt Ion: 164 Resp: 44521

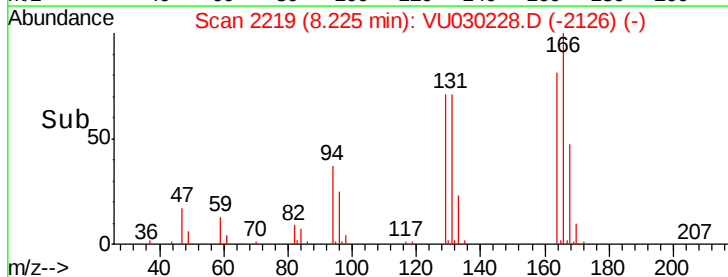
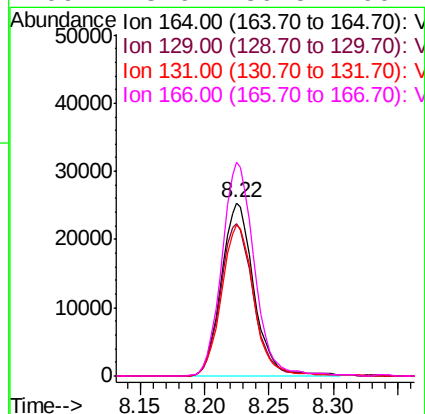
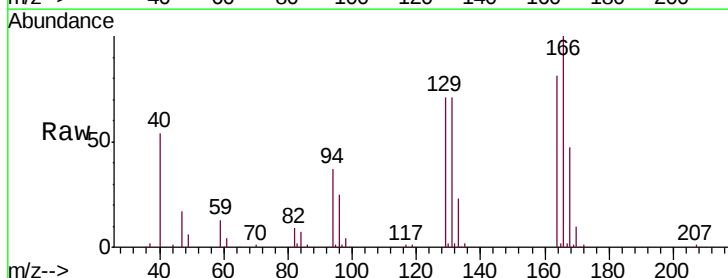
Ion Ratio Lower Upper

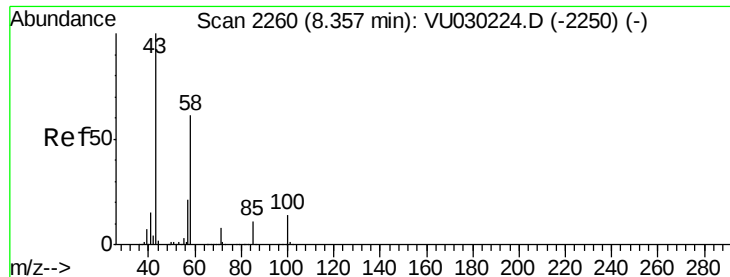
164 100

129 87.9 64.4 119.6

131 87.6 63.2 117.4

166 123.6 89.5 166.1

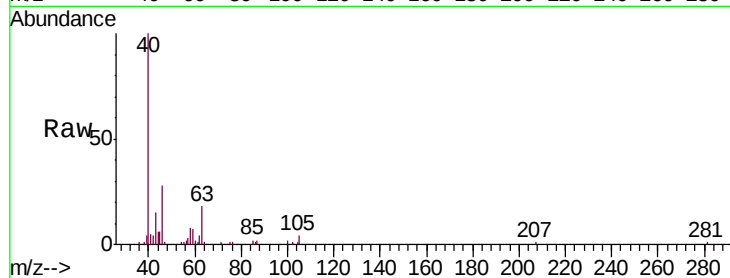




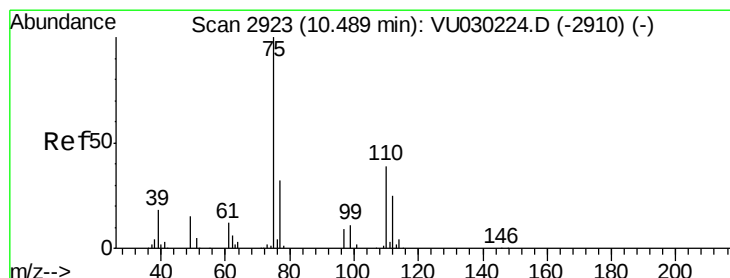
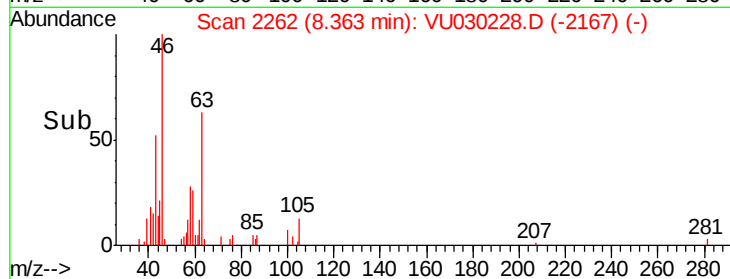
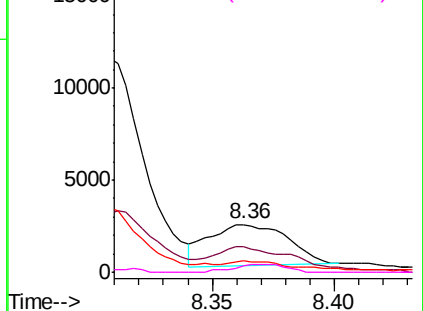
#48
 2-Hexanone
 Concen: 1.177 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU030228.D
 Acq: 20 Mar 2019 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D5

Tgt Ion: 43 Resp: 5028
 Ion Ratio Lower Upper
 43 100
 58 14.4 49.3 73.9#
 57 3.0 17.0 25.4#
 100 12.7 11.0 16.4

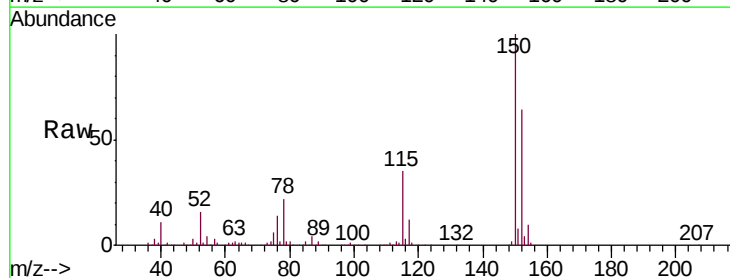


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



#59
 1,2,3-Trichloropropane
 Concen: 4.721 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030228.D
 Acq: 20 Mar 2019 17:29

Tgt Ion: 75 Resp: 23889
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

