

Data File : VU030517.D
Acq On : 28 Mar 2019 16:13
Operator : JC/SP
Sample : K2149-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5E9

Quant Time: Mar 29 01:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	369494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147162	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.84%
7) Chloroethane-d5	1.67	69	124379	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.06%
11) 1,1-Dichloroethene-d2	2.27	63	210787	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	4.17	46	277240	94.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	4.64	84	264595	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.31	65	179461	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
32) Benzene-d6	5.34	84	517152	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.33	67	188390	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.56	98	437953	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	79717	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.52%
47) 2-Hexanone-d5	8.31	63	153985	78.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261444	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	149919	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

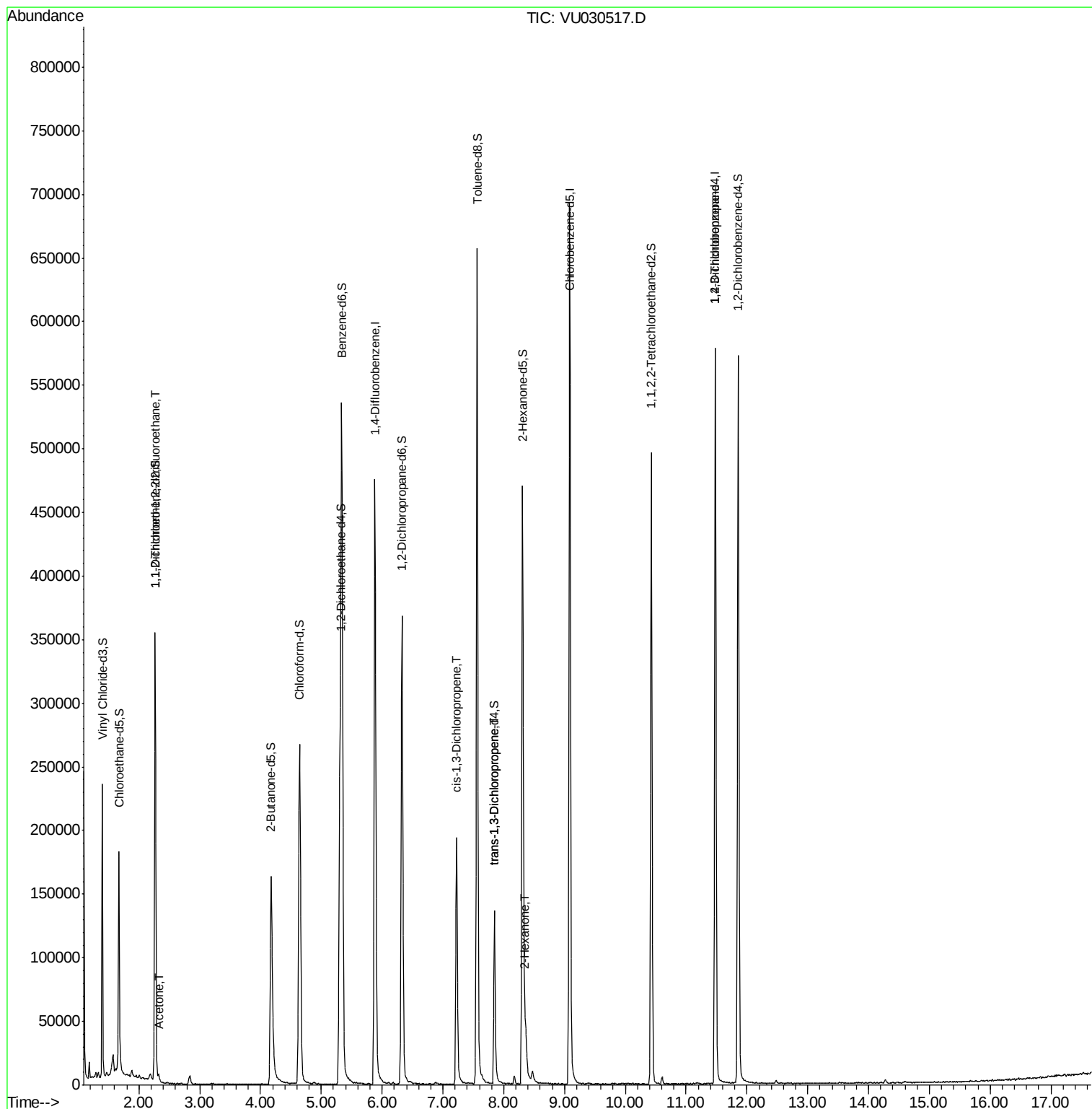
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1655	0.582	ug/L #	23
13) Acetone	2.32	43	3138	1.052	ug/L	67
39) cis-1,3-Dichloropropene	7.23	75	4946	0.964	ug/L #	66
44) trans-1,3-Dichloropropene	7.84	75	3041	0.674	ug/L	86
48) 2-Hexanone	8.36	43	18303	3.725	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	18744	4.314	ug/L #	87

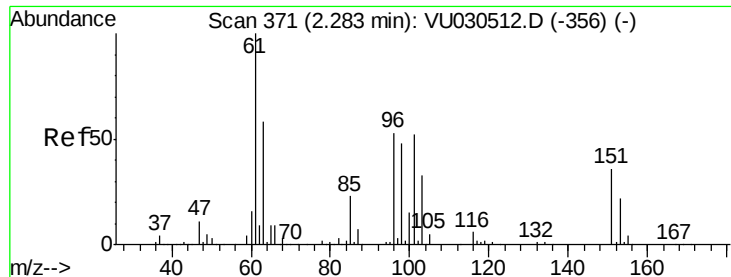
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030517.D

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Instrument :

MSVOA_U

ClientSampleId :

BF5E9

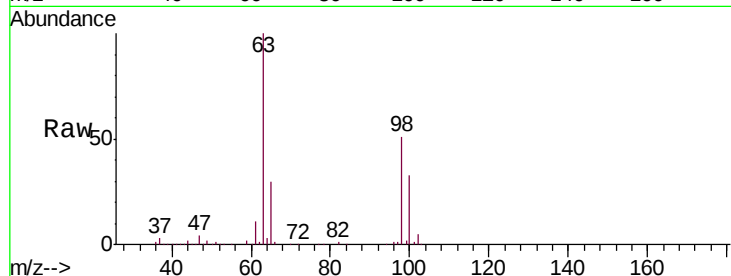
Tgt Ion: 101 Resp: 1655

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

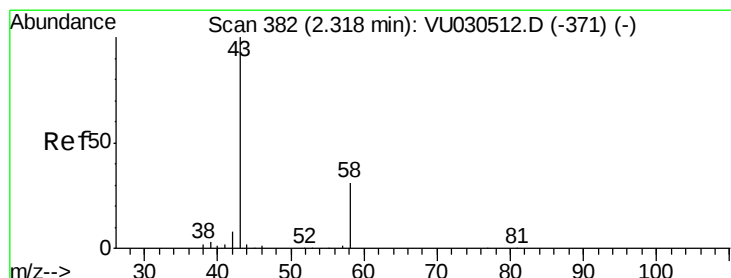
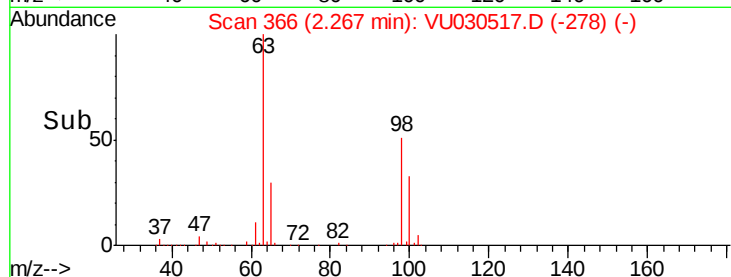
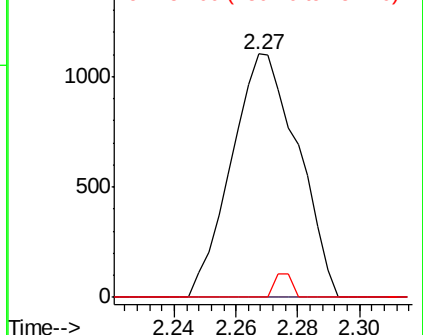
151 2.4 56.6 85.0#



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



#13

Acetone

Concen: 1.052 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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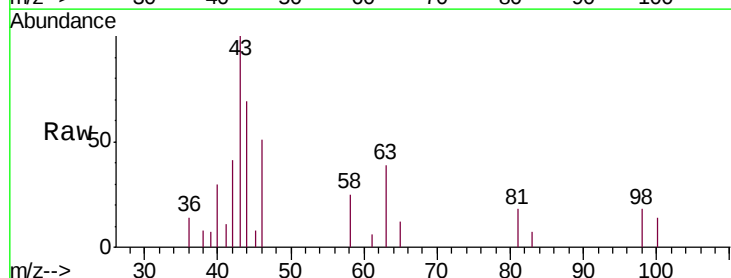
Acq: 28 Mar 2019 16:13

Tgt Ion: 43 Resp: 3138

Ion Ratio Lower Upper

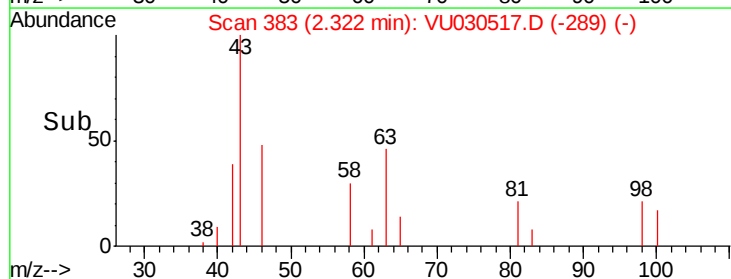
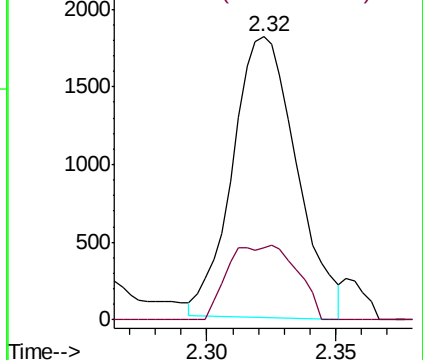
43 100

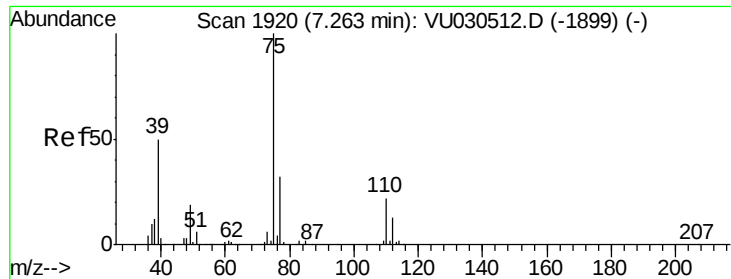
58 12.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

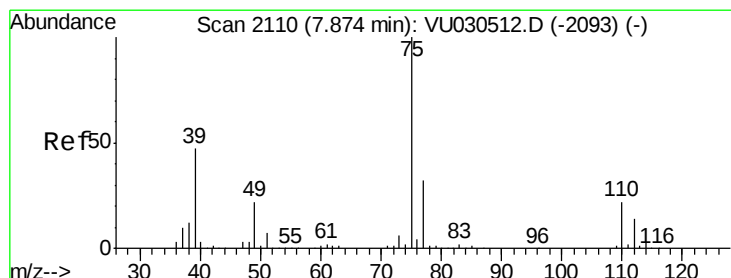
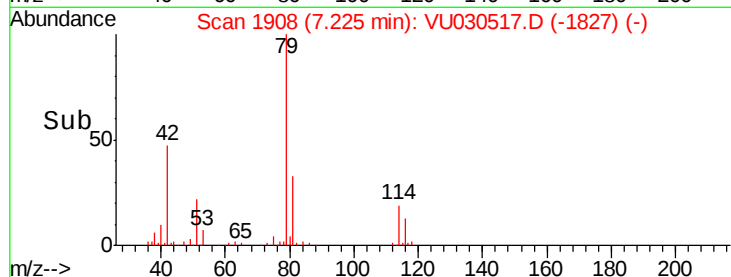
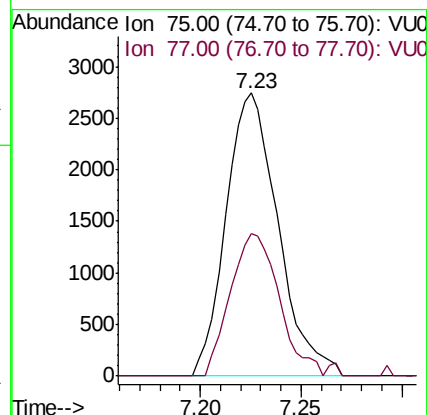
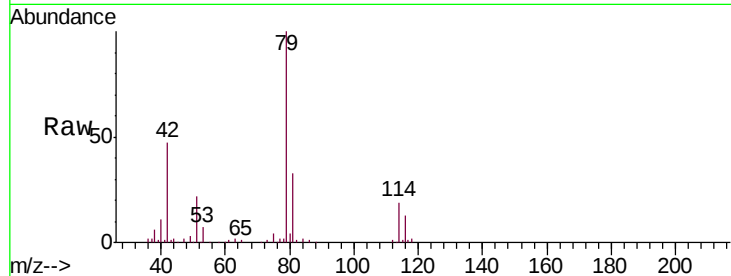




#39
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030517.D
 Acq: 28 Mar 2019 16:13

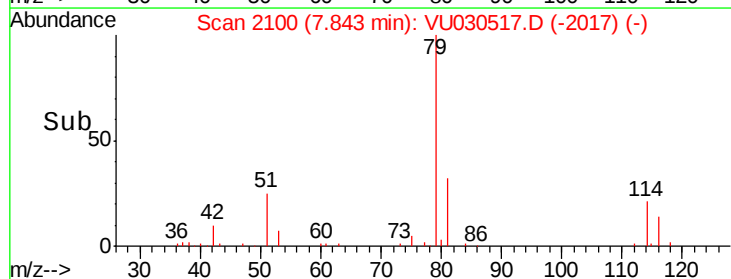
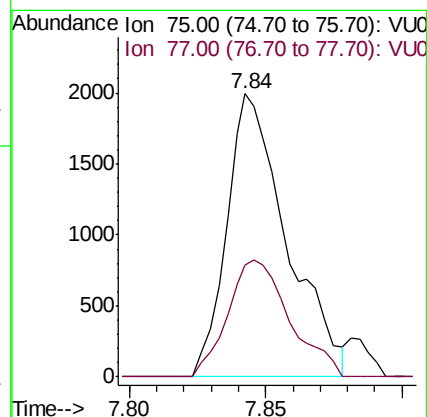
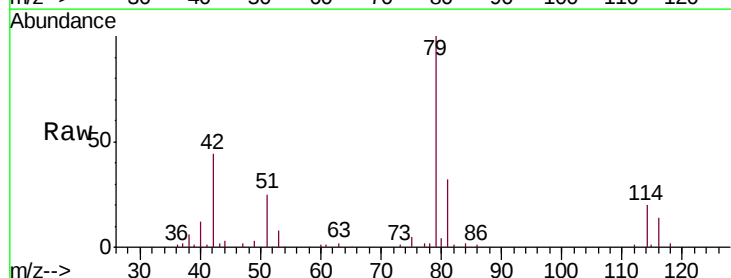
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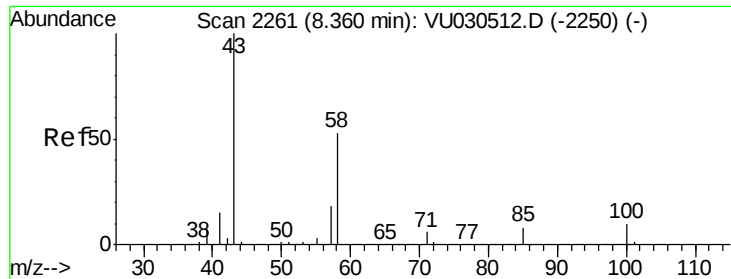
Tgt Ion: 75 Resp: 4946
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.674 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU030517.D
 Acq: 28 Mar 2019 16:13

Tgt Ion: 75 Resp: 3041
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.0 40.8

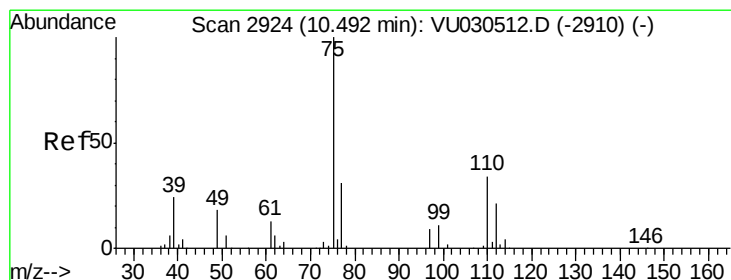
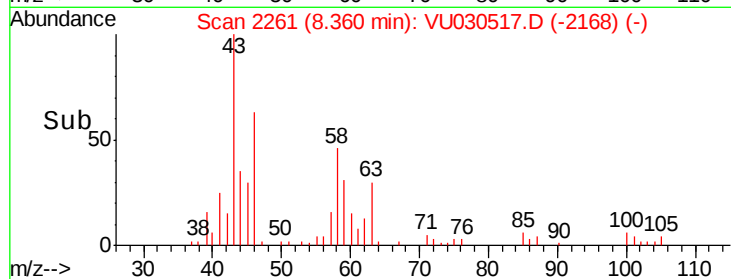
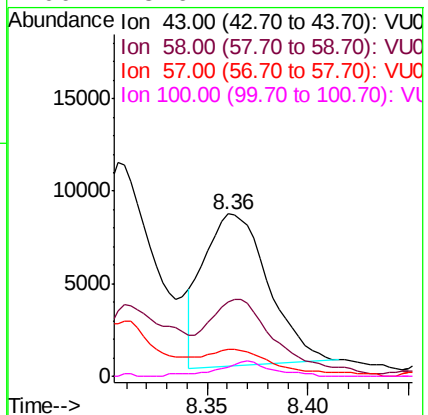
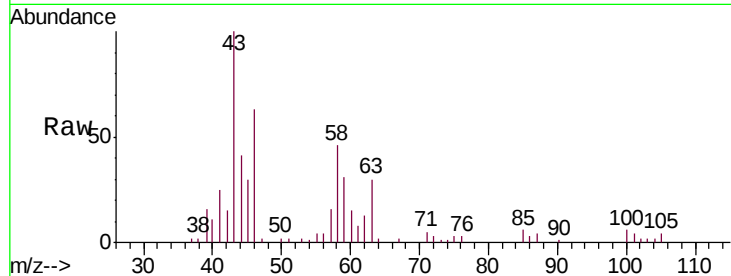




#48
 2-Hexanone
 Concen: 3.725 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU030517.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 BF5E9

Tgt Ion: 43 Resp: 18303
 Ion Ratio Lower Upper
 43 100
 58 50.2 42.5 63.7
 57 14.0 15.0 22.6#
 100 5.6 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.314 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030517.D
 Acq: 28 Mar 2019 16:13

Tgt Ion: 75 Resp: 18744
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.4 38.2#

