

Data File : VU030352.D
Acq On : 23 Mar 2019 19:58
Operator : JC/SP
Sample : K2083-07 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A9

Quant Time: Mar 24 02:12:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	393219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149015	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.08%
7) Chloroethane-d5	1.68	69	122461	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	217018	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.17	46	301007	96.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	4.65	84	268792	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.31	65	182005	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.34	84	549087	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.33	67	194521	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.56	98	486949	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.85	79	85270	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
47) 2-Hexanone-d5	8.31	63	204588	97.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261270	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	170027	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

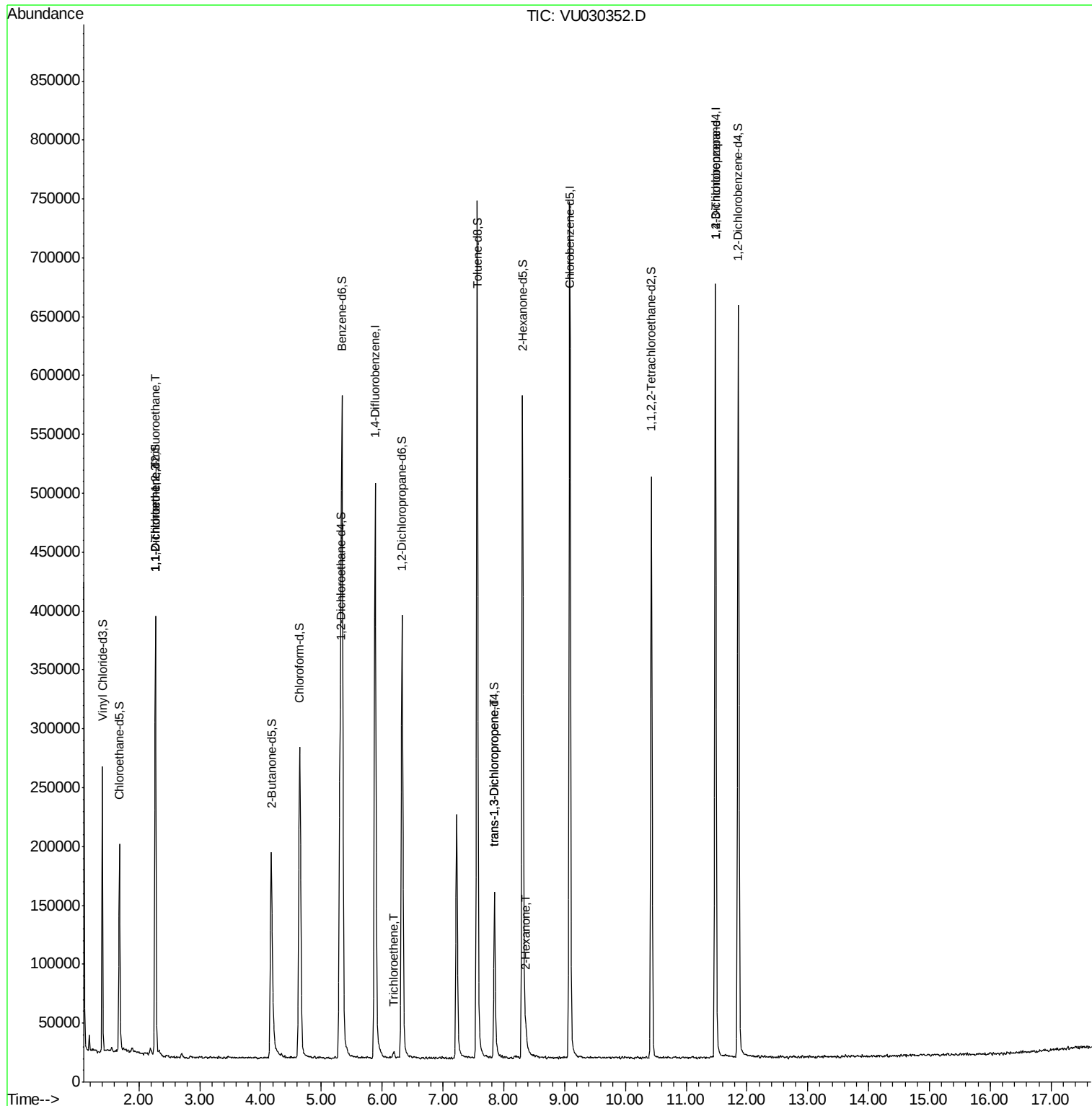
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1884	0.628 ug/L #	25
12) 1,1-Dichloroethene	2.28	96	1919	0.652 ug/L #	1
34) Trichloroethene	6.19	95	1930	0.587 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3211	0.668 ug/L	85
48) 2-Hexanone	8.36	43	7421	1.419 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	22453	4.856 ug/L	93

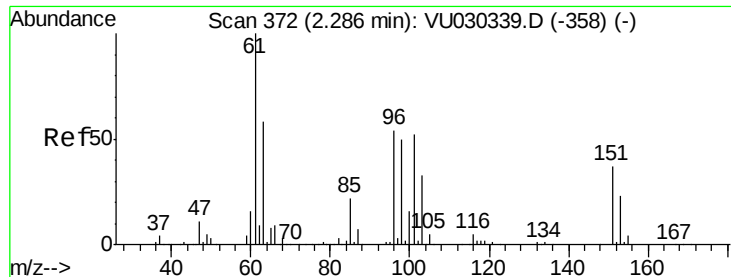
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.628 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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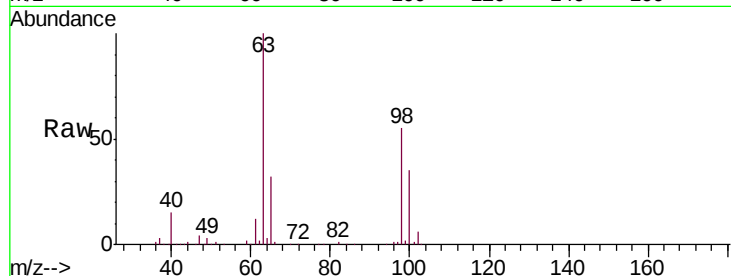
Tgt Ion: 101 Resp: 1884

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

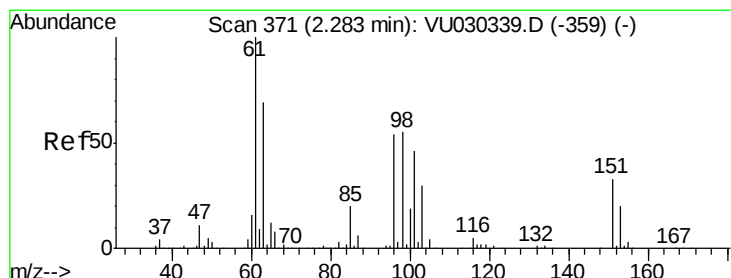
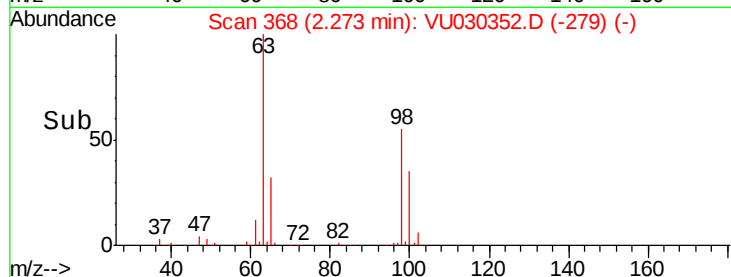
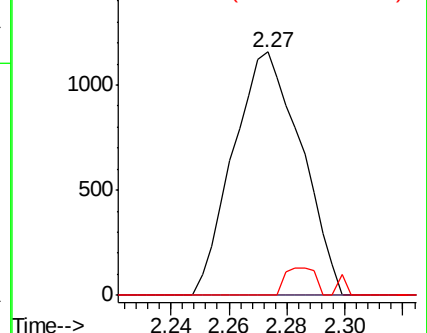
151 5.0 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.652 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030352.D

Acq: 23 Mar 2019 19:58

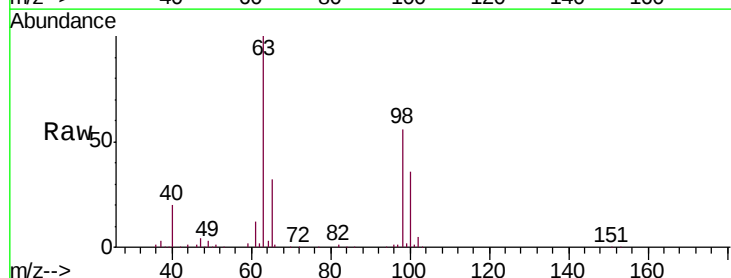
Tgt Ion: 96 Resp: 1919

Ion Ratio Lower Upper

96 100

61 1031.4 131.0 243.4#

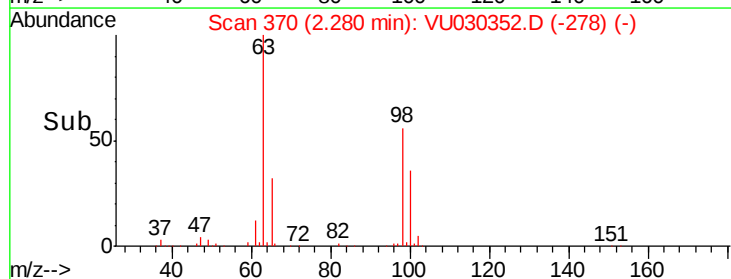
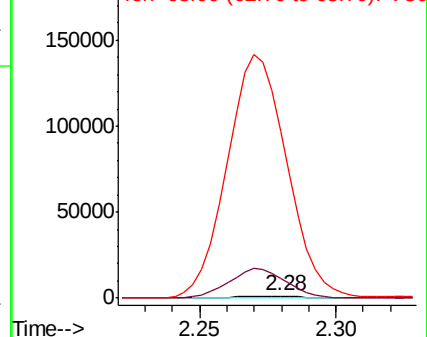
63 8840.8 92.4 171.6#

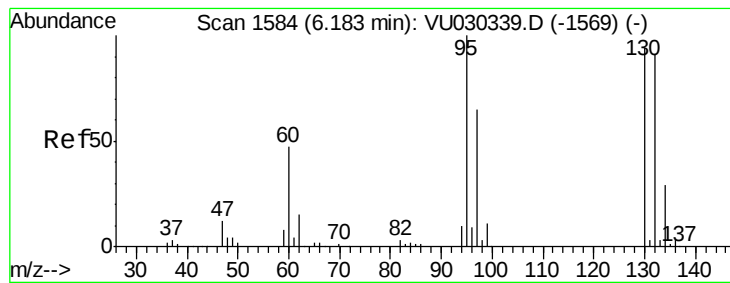


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 0.587 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

BF1A9

Tgt Ion: 95 Resp: 1930

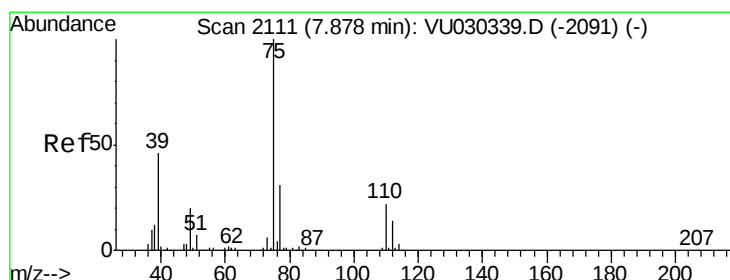
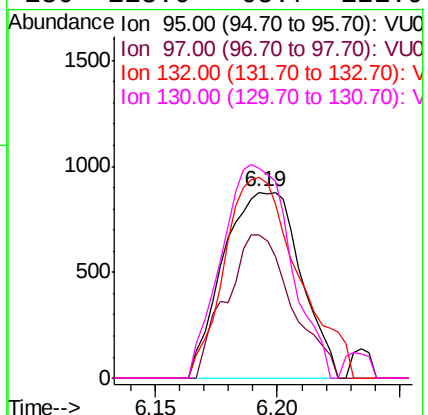
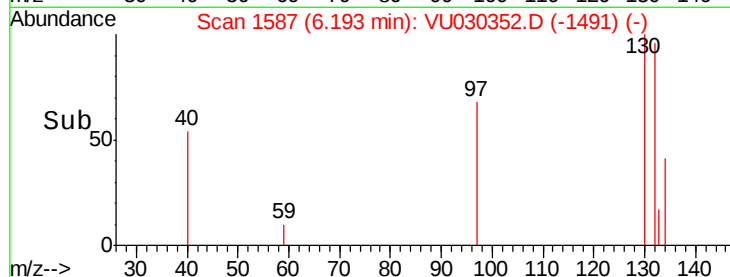
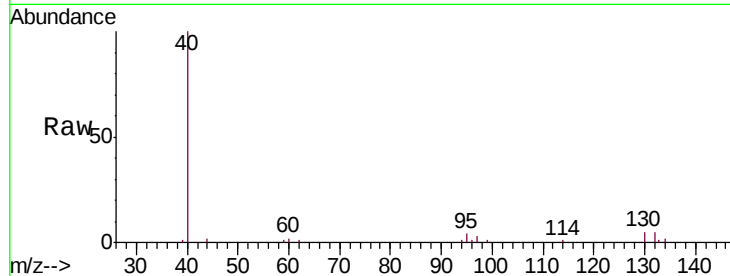
Ion Ratio Lower Upper

95 100

97 77.3 45.7 84.9

132 108.1 63.8 118.4

130 113.0 65.7 121.9



#44

trans-1,3-Dichloropropene

Concen: 0.668 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030352.D

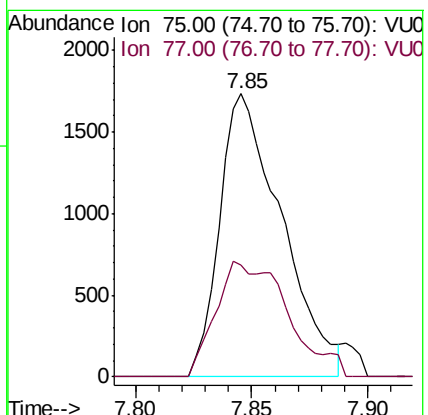
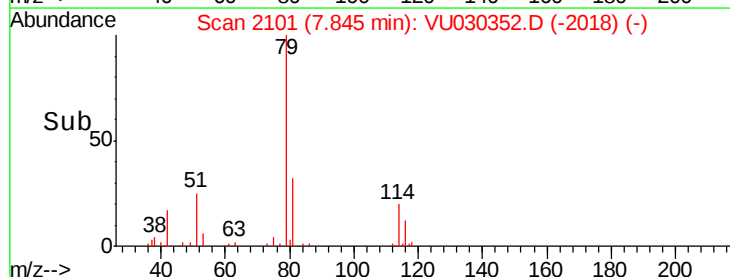
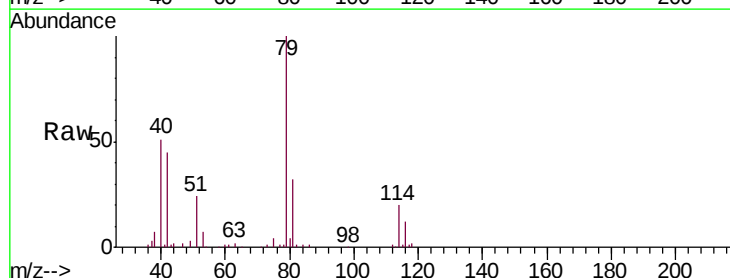
Acq: 23 Mar 2019 19:58

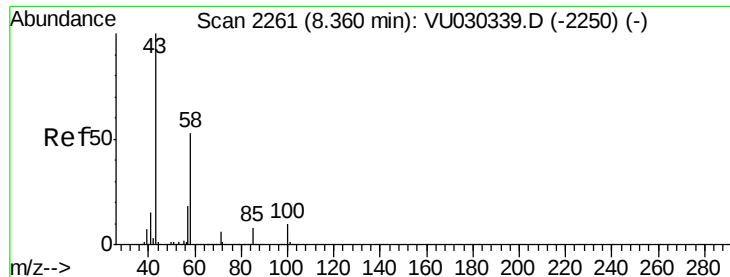
Tgt Ion: 75 Resp: 3211

Ion Ratio Lower Upper

75 100

77 39.7 22.0 40.8

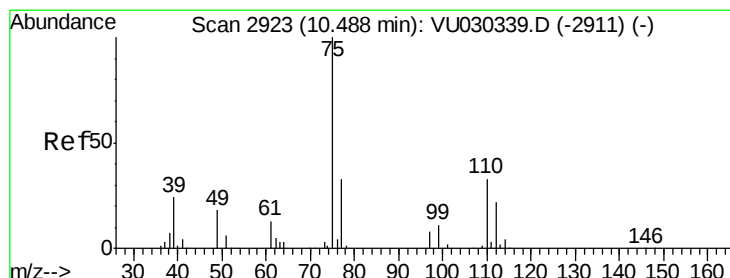
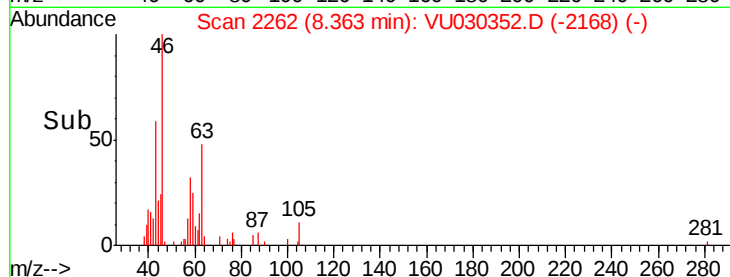
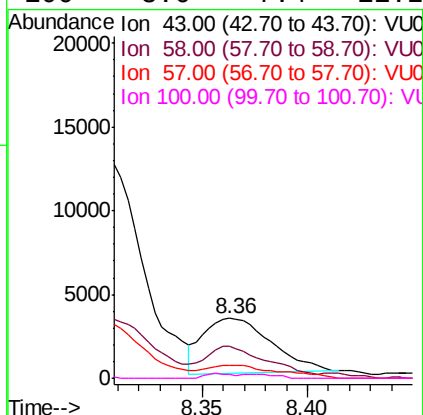
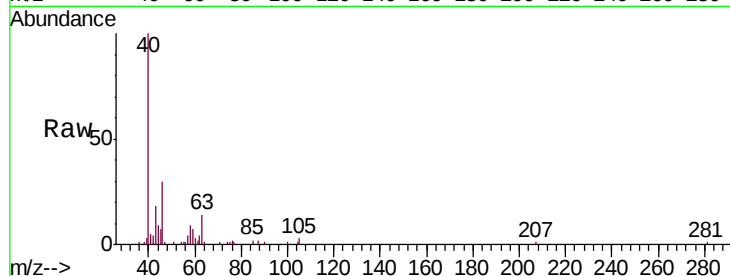




#48
 2-Hexanone
 Concen: 1.419 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030352.D
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 MSVOA_U
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 BF1A9

Tgt Ion:	43	Resp:	7421
Ion	Ratio	Lower	Upper
43	100		
58	44.6	42.5	63.7
57	24.5	15.0	22.6#
100	3.6	7.4	11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.856 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030352.D
 Acq: 23 Mar 2019 19:58

Tgt Ion:	75	Resp:	22453
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.4	38.2

