

Data File : VU030316.D
Acq On : 22 Mar 2019 18:20
Operator : JC/SP
Sample : K2016-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09J2

Quant Time: Mar 23 04:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508050	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125124	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.68	69	111886	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.46%
11) 1,1-Dichloroethene-d2	2.27	63	180367	28.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.56%#
21) 2-Butanone-d5	4.17	46	251390	98.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	4.65	84	270499	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.31	65	160793	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
32) Benzene-d6	5.34	84	556414	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.33	67	182041	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.56	98	486369	39.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.70%#
43) trans-1,3-Dichloropropene-	7.85	79	77176	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.92%
47) 2-Hexanone-d5	8.31	63	197732	94.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286634	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	211183	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%

Target Compounds

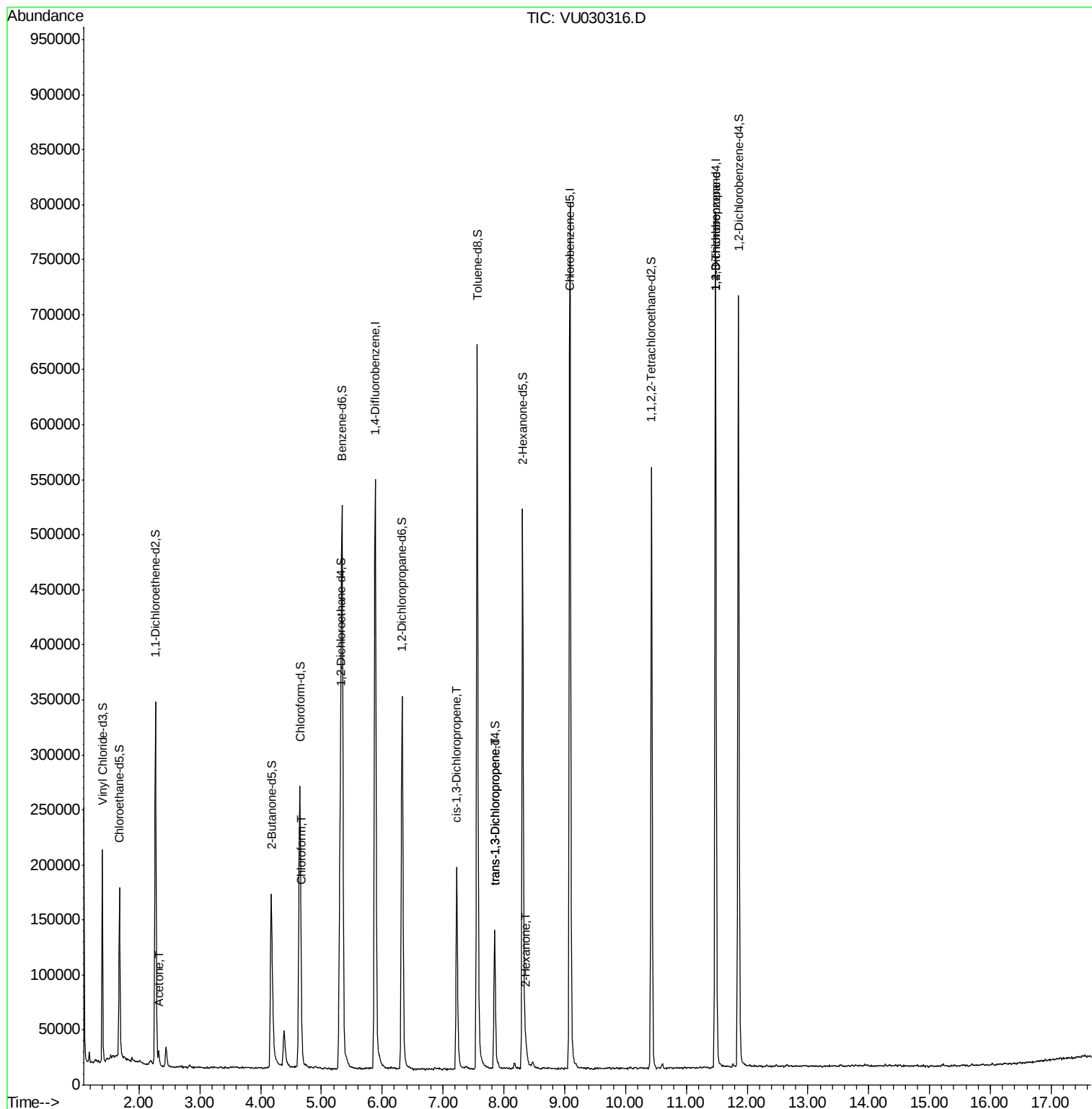
					Qvalue
13) Acetone	2.32	43	10736	4.031	ug/L 92
25) Chloroform	4.68	83	4690	0.733	ug/L 86
39) cis-1,3-Dichloropropene	7.23	75	3930	0.673	ug/L # 55
44) trans-1,3-Dichloropropene	7.85	75	2873	0.569	ug/L 94
48) 2-Hexanone	8.36	43	7427	1.789	ug/L # 78
59) 1,2,3-Trichloropropane	11.48	75	22778	4.631	ug/L 93

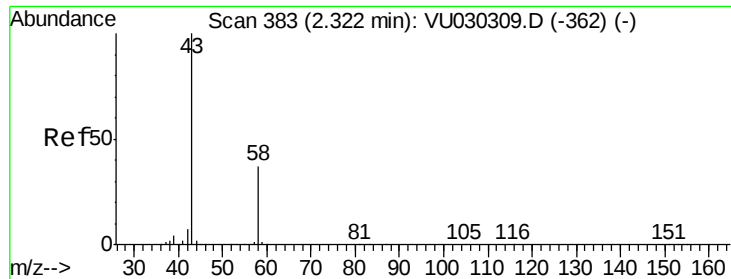
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.031 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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ClientSampleId :

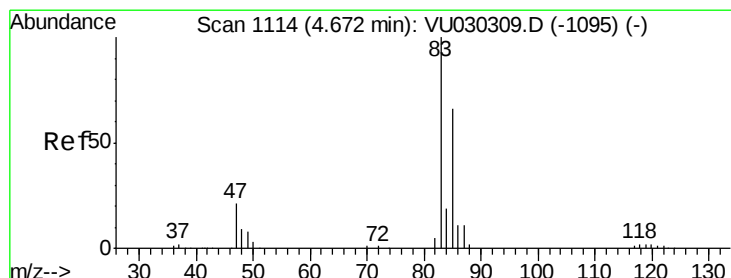
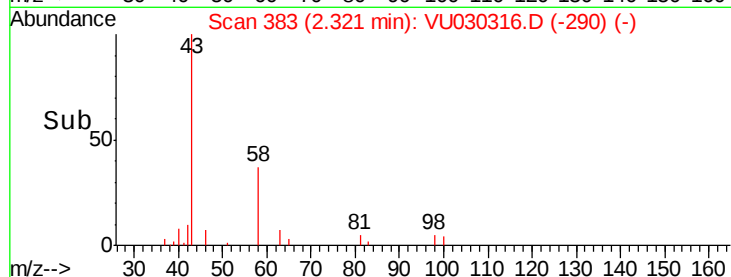
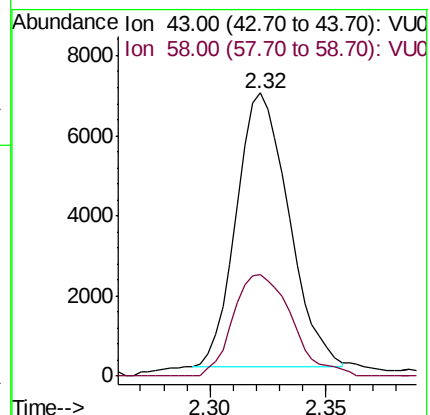
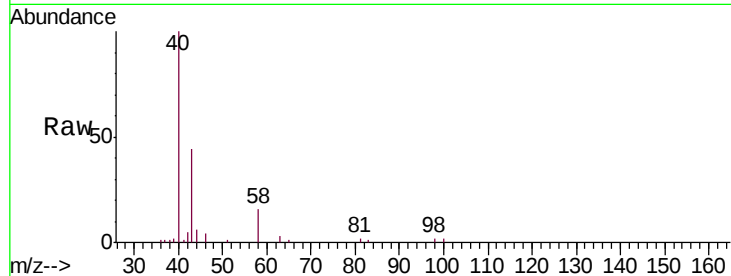
C09J2

Tgt Ion: 43 Resp: 10736

Ion Ratio Lower Upper

43 100

58 41.5 0.0 73.4



#25

Chloroform

Concen: 0.733 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU030316.D

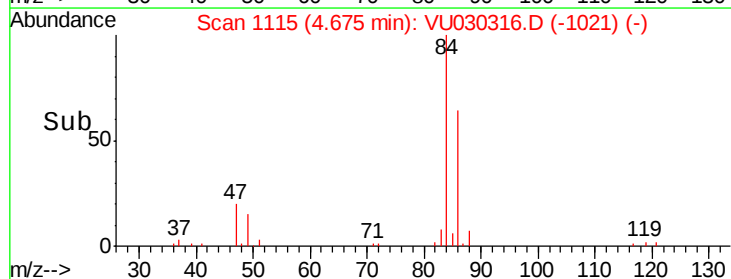
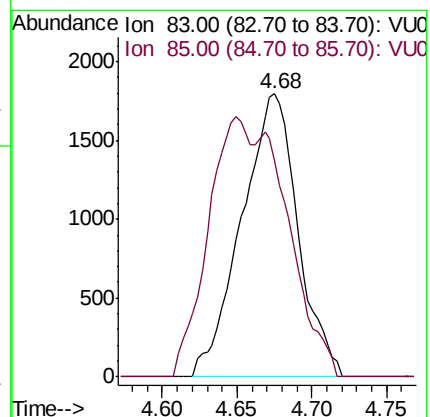
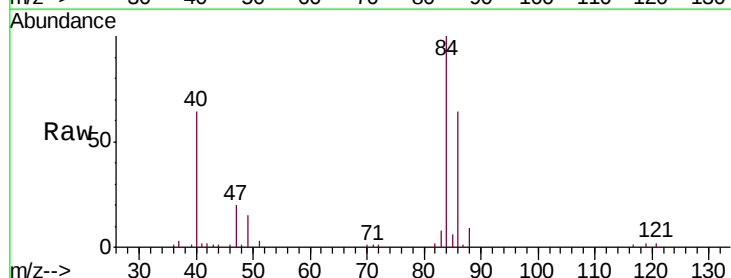
Acq: 22 Mar 2019 18:20

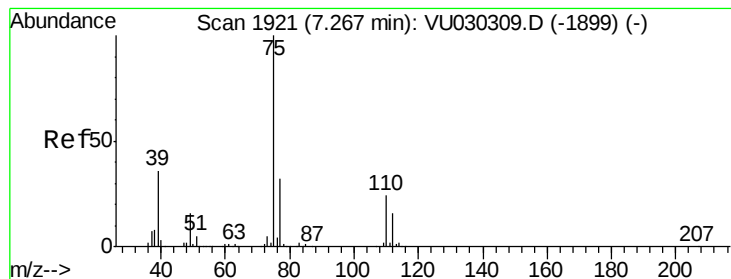
Tgt Ion: 83 Resp: 4690

Ion Ratio Lower Upper

83 100

85 76.7 45.8 85.2





#39

cis-1,3-Dichloropropene

Concen: 0.673 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030316.D

Acq: 22 Mar 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

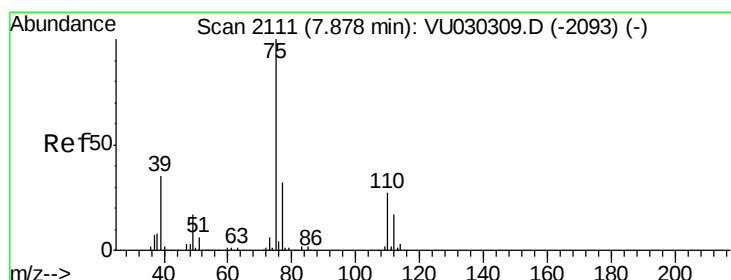
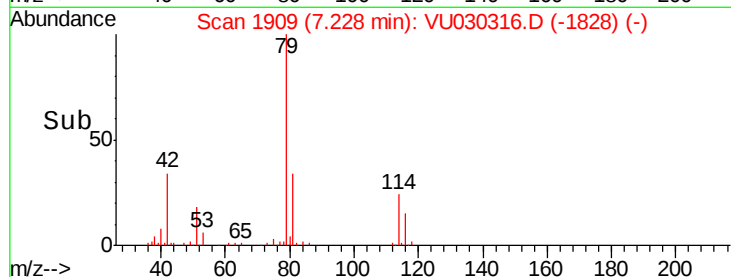
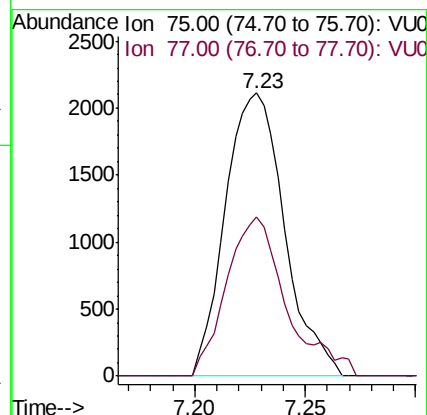
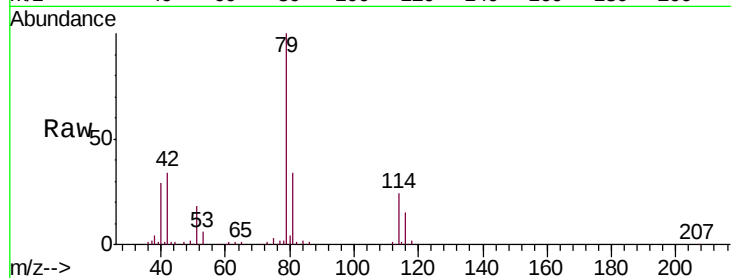
C09J2

Tgt Ion: 75 Resp: 3930

Ion Ratio Lower Upper

75 100

77 56.3 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.569 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030316.D

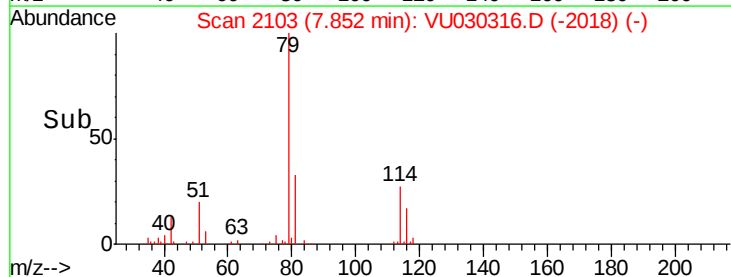
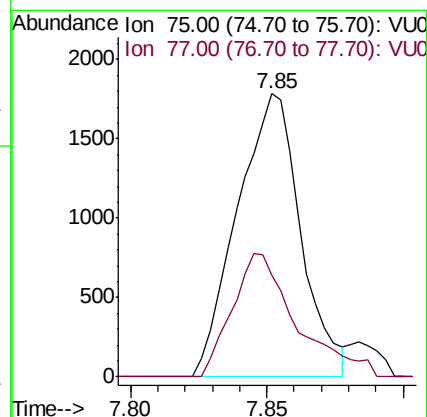
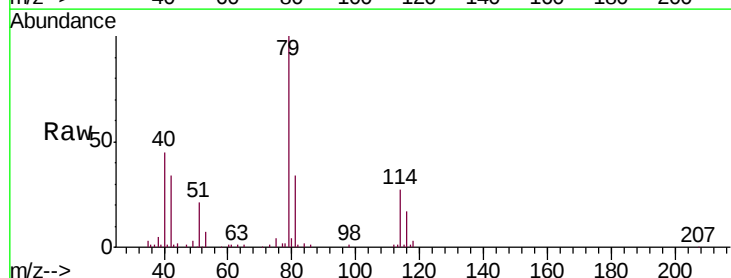
Acq: 22 Mar 2019 18:20

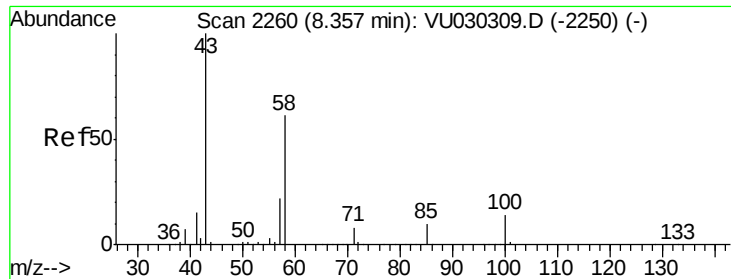
Tgt Ion: 75 Resp: 2873

Ion Ratio Lower Upper

75 100

77 35.8 22.7 42.1

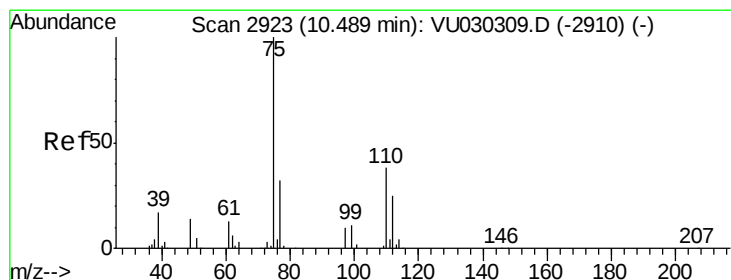
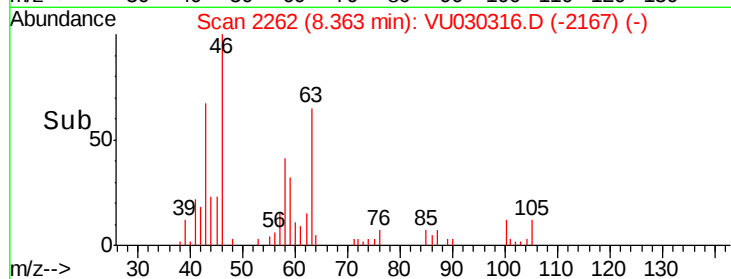
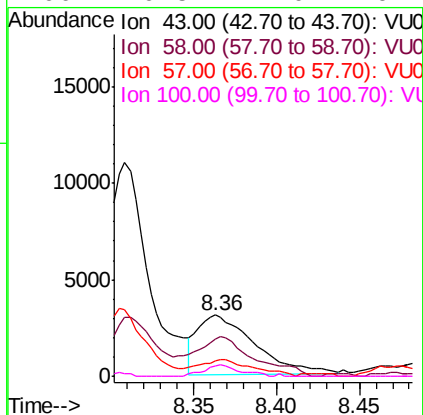
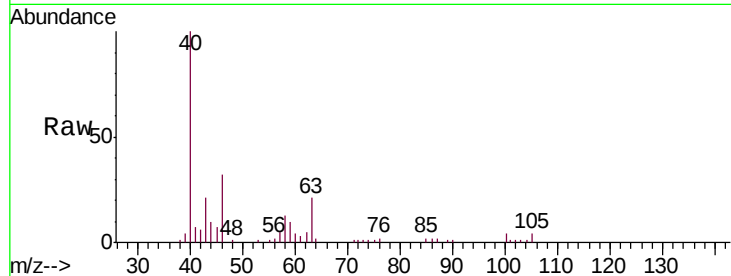




#48
 2-Hexanone
 Concen: 1.789 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU030316.D
 Acq: 22 Mar 2019 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C09J2

Tgt Ion: 43 Resp: 7427
 Ion Ratio Lower Upper
 43 100
 58 38.9 49.3 73.9#
 57 26.0 17.0 25.4#
 100 10.5 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.631 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030316.D
 Acq: 22 Mar 2019 18:20

Tgt Ion: 75 Resp: 22778
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.8 38.8

