

Data File : VU030220.D
Acq On : 20 Mar 2019 10:28
Operator : JC/SP
Sample : K1967-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H6

Quant Time: Mar 22 01:04:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162242	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.38%
7) Chloroethane-d5	1.68	69	133435	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.10%
11) 1,1-Dichloroethene-d2	2.27	63	220414	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
21) 2-Butanone-d5	4.18	46	240132	95.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.15%
24) Chloroform-d	4.65	84	293222	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.31	65	173290	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
32) Benzene-d6	5.34	84	641576	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.33	67	198555	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.56	98	567403	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.85	79	86976	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.31	63	200884	98.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286133	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	220901	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

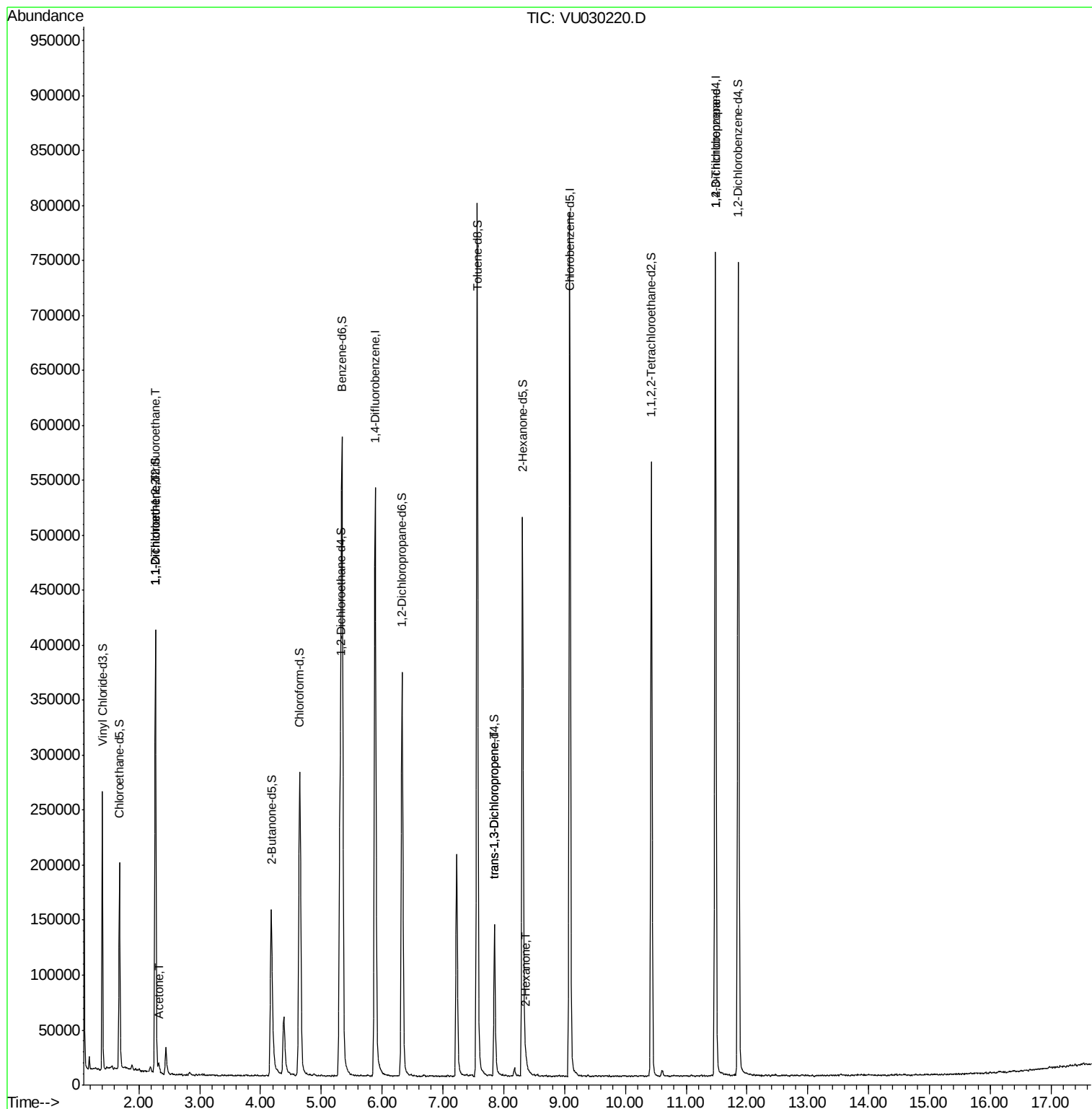
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2422	0.717 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2047	0.610 ug/L #	1
13) Acetone	2.32	43	6997	2.653 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3008	0.607 ug/L	94
48) 2-Hexanone	8.37	43	3924	0.963 ug/L #	53
59) 1,2,3-Trichloropropane	11.48	75	22804	4.723 ug/L	95

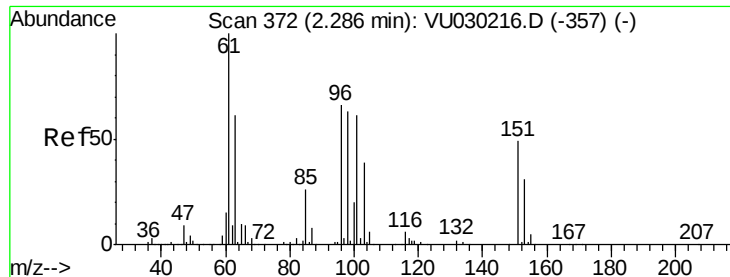
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030220.D
Acq On : 20 Mar 2019 10:28
Operator : JC/SP
Sample : K1967-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H6

Quant Time: Mar 22 01:04:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration





#10

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

Concen: 0.717 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030220.D

Acq: 20 Mar 2019 10:28

Instrument :

MSVOA_U

ClientSampleId :

C09H6

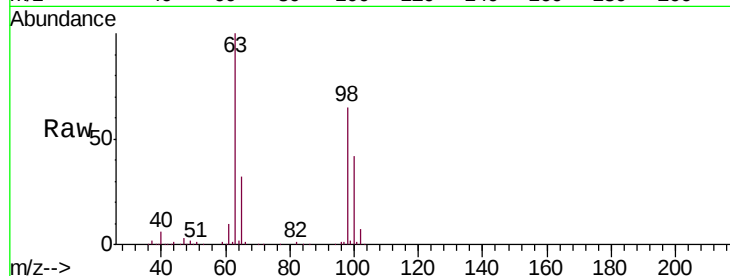
Tgt Ion:101 Resp: 2422

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

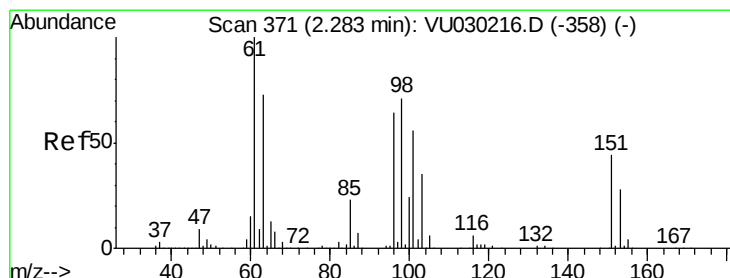
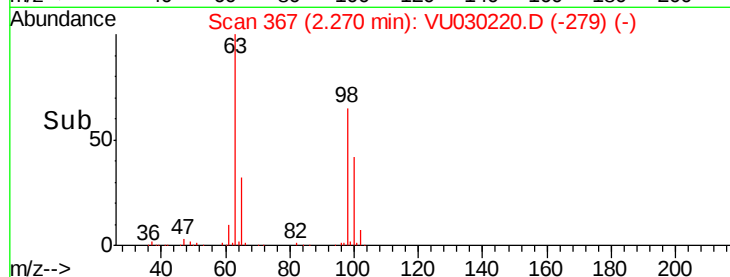
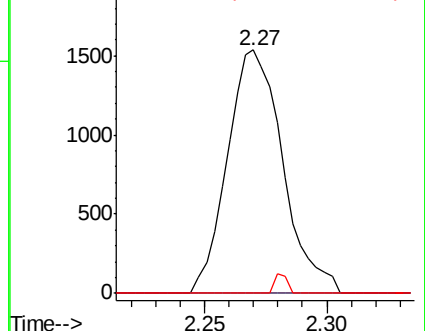
151 1.9 64.7 97.1#



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: 0.610 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030220.D

Acq: 20 Mar 2019 10:28

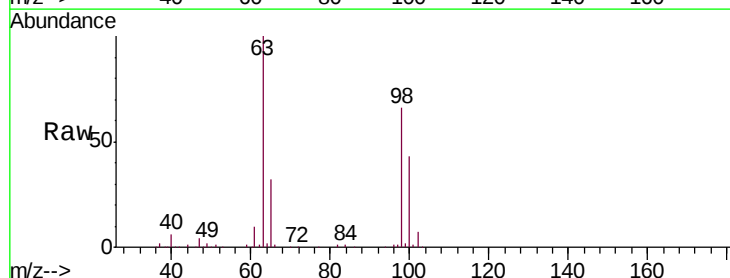
Tgt Ion: 96 Resp: 2047

Ion Ratio Lower Upper

96 100

61 1135.1 104.6 194.2#

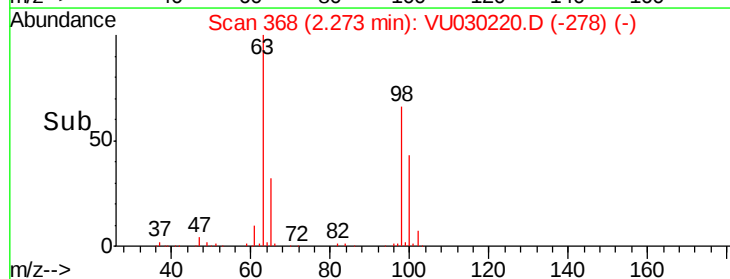
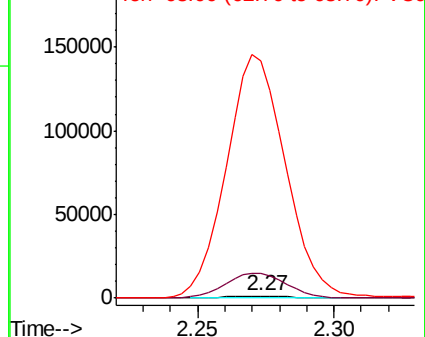
63 10948.8 77.2 143.4#

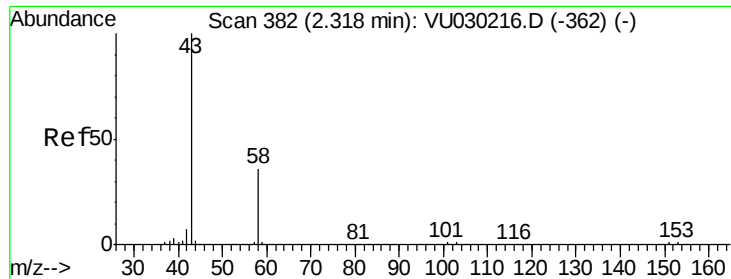


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.653 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030220.D

Acq: 20 Mar 2019 10:28

Instrument :

MSVOA_U

ClientSampleId :

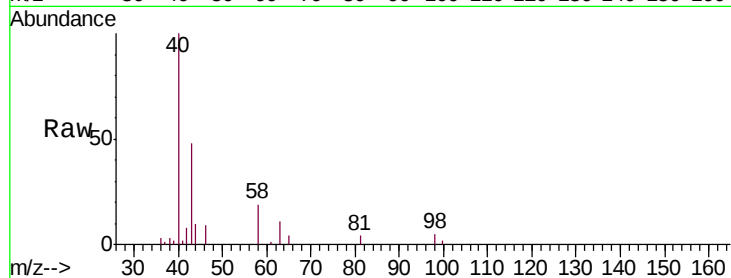
C09H6

Tgt Ion: 43 Resp: 6997

Ion Ratio Lower Upper

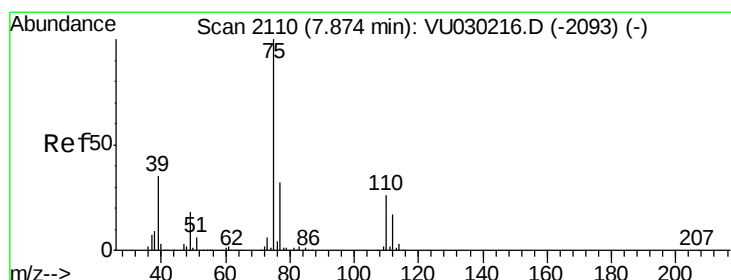
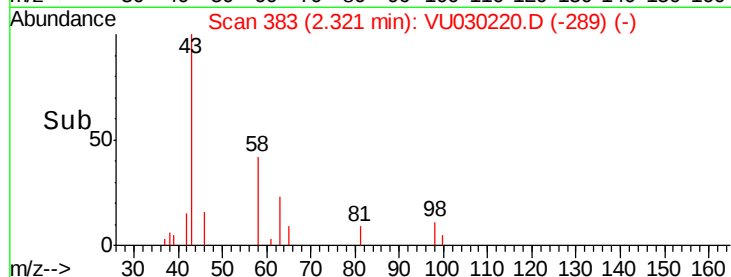
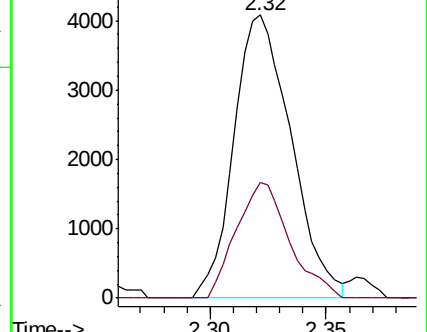
43 100

58 38.0 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU030216.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030216.D (-362) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030220.D

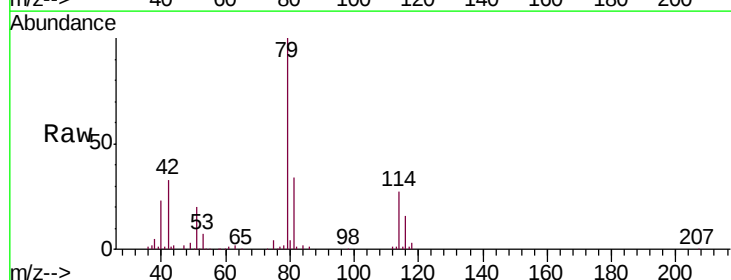
Acq: 20 Mar 2019 10:28

Tgt Ion: 75 Resp: 3008

Ion Ratio Lower Upper

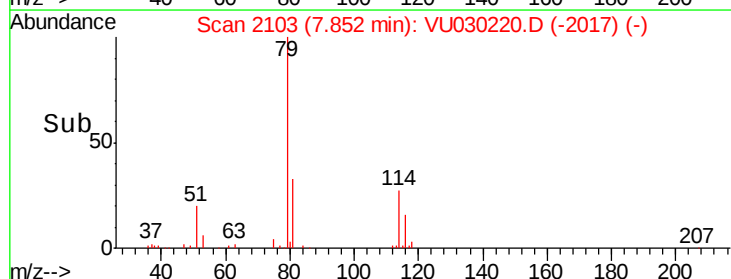
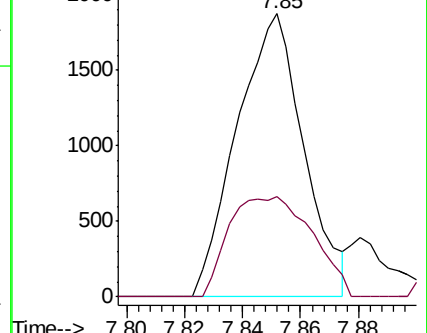
75 100

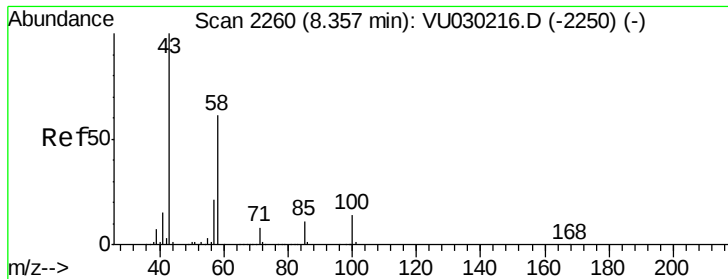
77 35.5 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030216.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030216.D (-2093) (-)

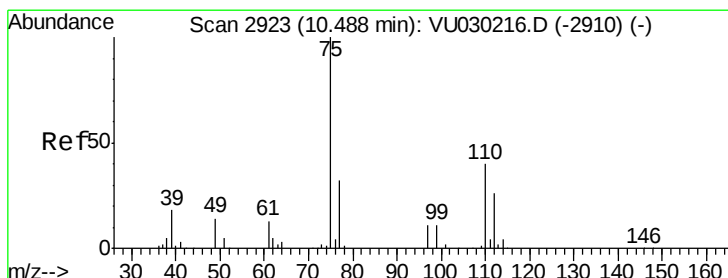
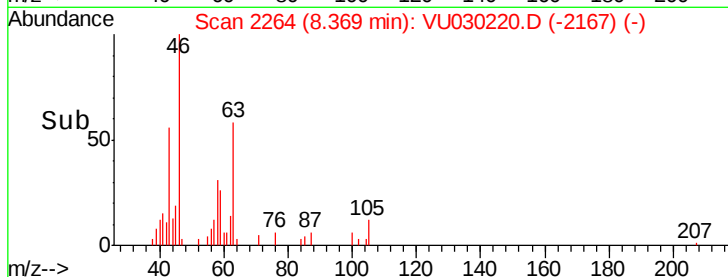
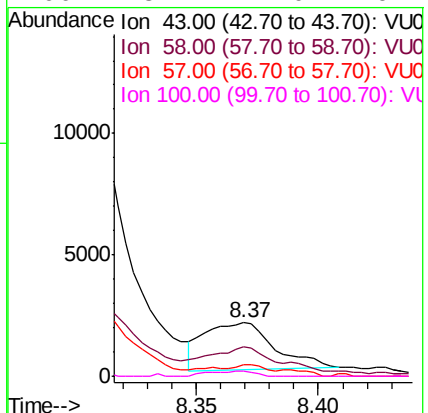
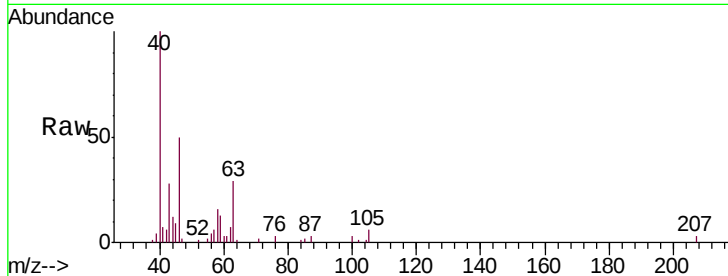




#48
2-Hexanone
Concen: 0.963 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030220.D
Acq: 20 Mar 2019 10:28

Instrument :
MSVOA_U
ClientSampled :
C09H6

Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
58 17.3 49.3 73.9#
57 5.7 17.0 25.4#
100 5.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.723 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030220.D
Acq: 20 Mar 2019 10:28

Tgt Ion: 75 Resp: 22804
Ion Ratio Lower Upper
75 100
77 34.9 25.8 38.8

