

Data File : VU030282.D
Acq On : 21 Mar 2019 21:38
Operator : JC/SP
Sample : K2017-14
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0E0

Quant Time: Mar 22 05:20:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	740876	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	749577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	392739	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	248574	49.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.24%
7) Chloroethane-d5	1.78	69	230	0.06	ug/L	0.10
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.23	63	341672	37.38	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	4.19	46	406969	109.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.50%
24) Chloroform-d	4.64	84	454976	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.30	65	273395	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
32) Benzene-d6	5.33	84	994987	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
36) 1,2-Dichloropropane-d6	6.32	67	316056	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.42%
41) Toluene-d8	7.56	98	929722	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%
43) trans-1,3-Dichloropropene-	7.85	79	145588	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.84%
47) 2-Hexanone-d5	8.32	63	373442	117.83	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	526589	56.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	419136	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%

Target Compounds

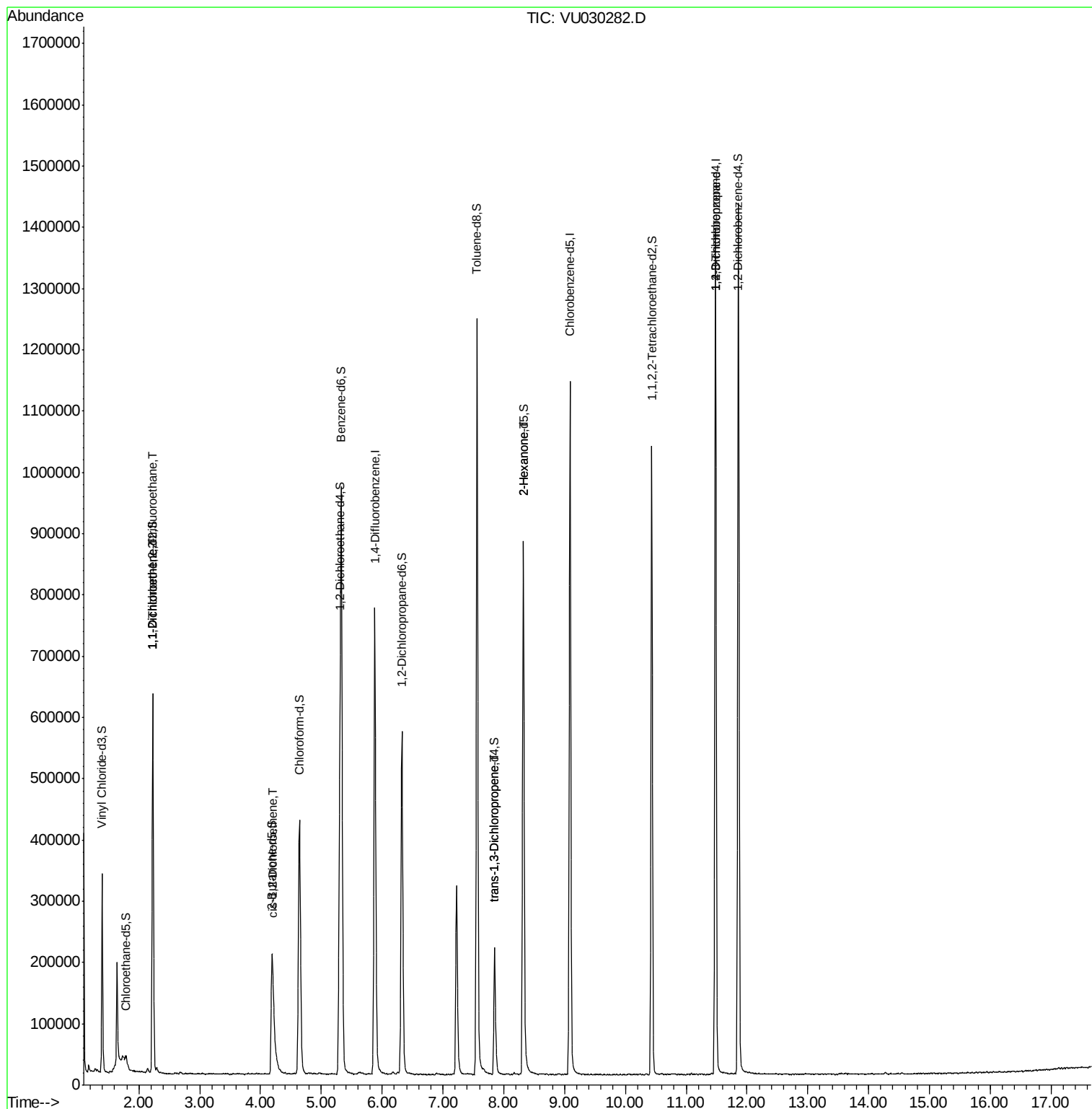
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3484	0.700 ug/L #	18
12) 1,1-Dichloroethene	2.23	96	3064	0.620 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	4771	0.836 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6034	0.785 ug/L	89
48) 2-Hexanone	8.32	43	35445	5.610 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	41248	5.510 ug/L	97

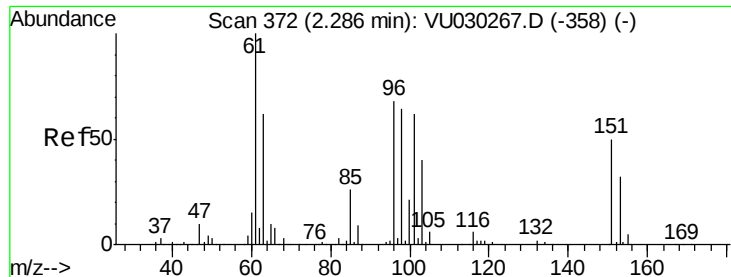
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.700 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.06 min

Lab File: VU030282.D

Acq: 21 Mar 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

BF0E0

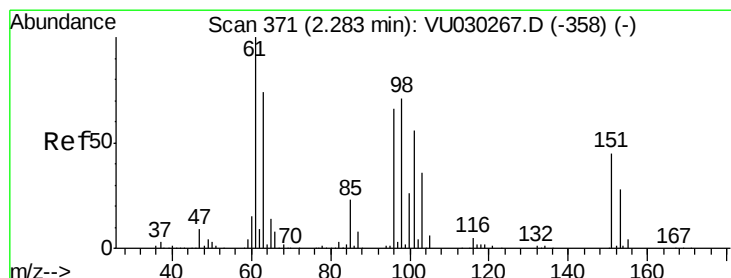
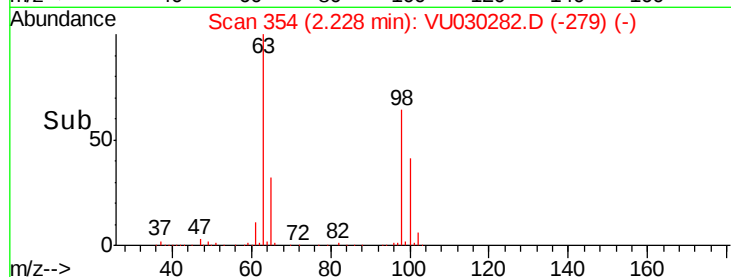
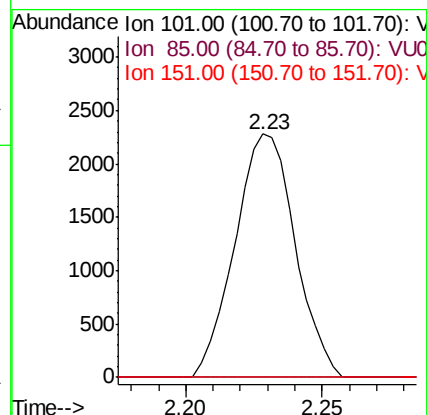
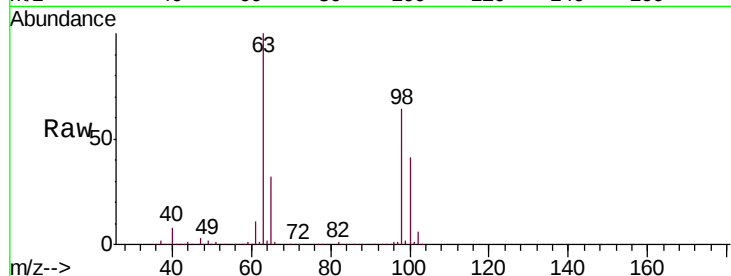
Tgt Ion: 101 Resp: 3484

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#



#12

1,1-Dichloroethene

Concen: 0.620 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU030282.D

Acq: 21 Mar 2019 21:38

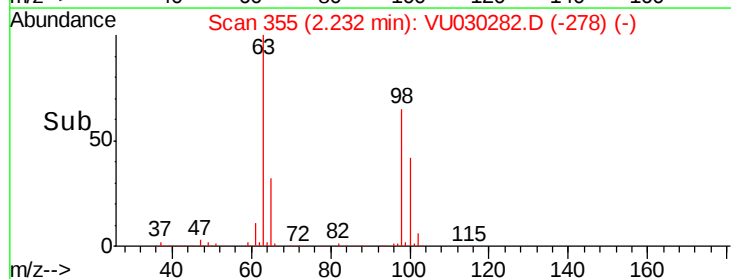
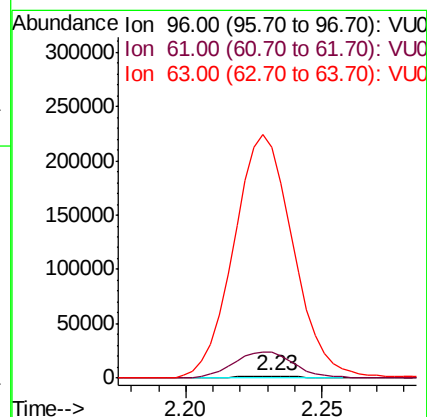
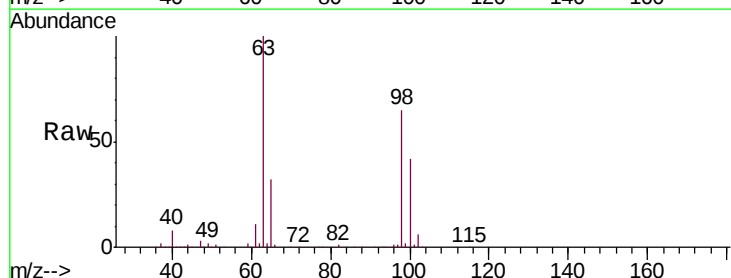
Tgt Ion: 96 Resp: 3064

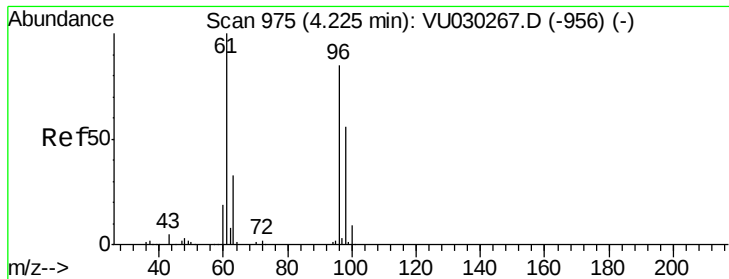
Ion Ratio Lower Upper

96 100

61 1159.6 104.6 194.2#

63 10492.6 77.2 143.4#





#20

cis-1,2-Dichloroethene

Concen: 0.836 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.02 min

Lab File: VU030282.D

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Instrument :

MSVOA_U

ClientSampleId :

BFOE0

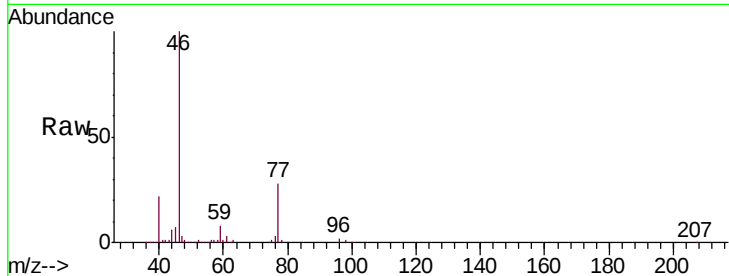
Tgt Ion: 96 Resp: 4771

Ion Ratio Lower Upper

96 100

61 113.7 81.5 151.3

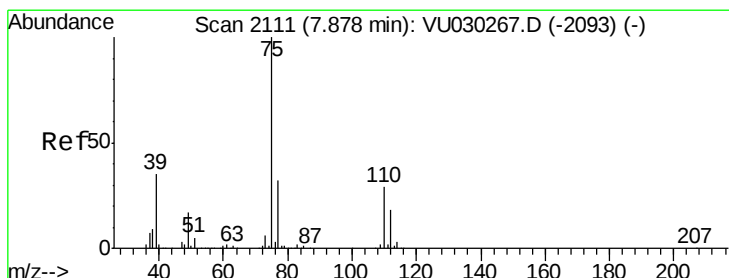
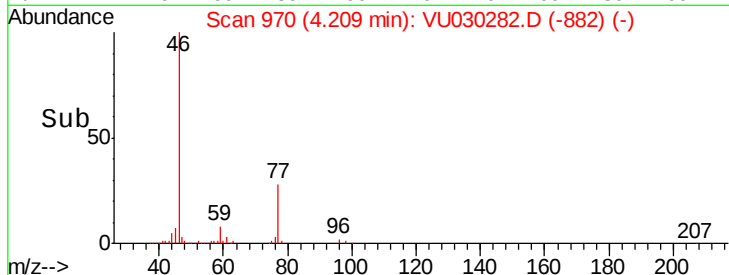
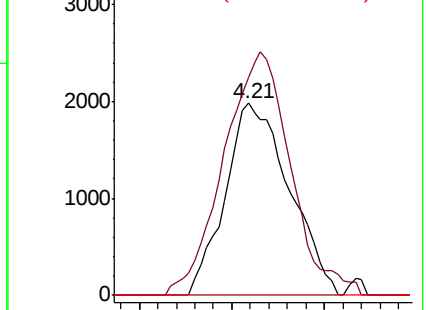
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030267.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030267.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030267.D (-956) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.785 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030282.D

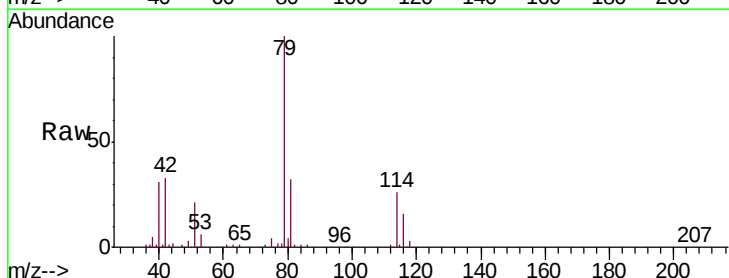
Acq: 21 Mar 2019 21:38

Tgt Ion: 75 Resp: 6034

Ion Ratio Lower Upper

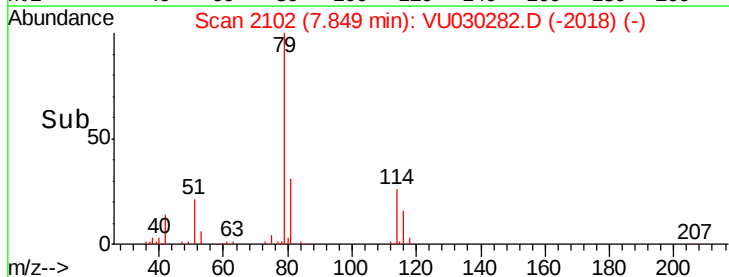
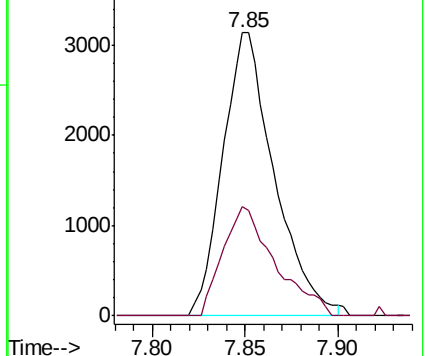
75 100

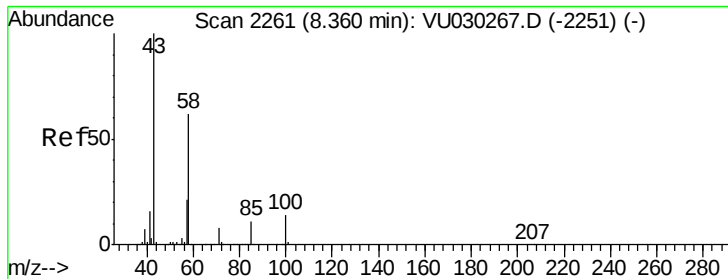
77 38.5 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-2093) (-)

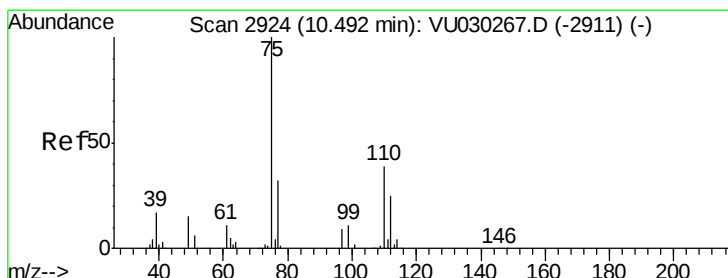
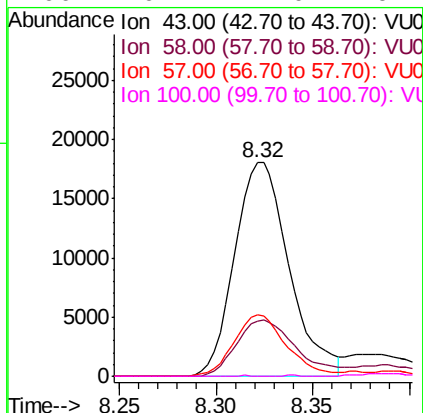
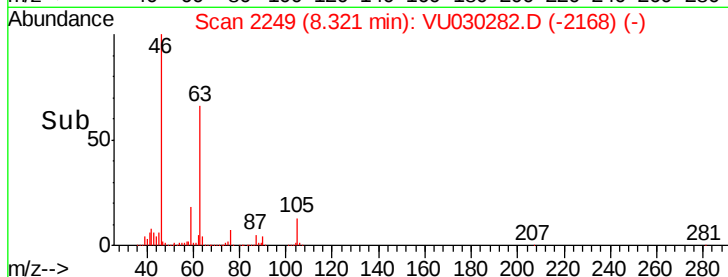
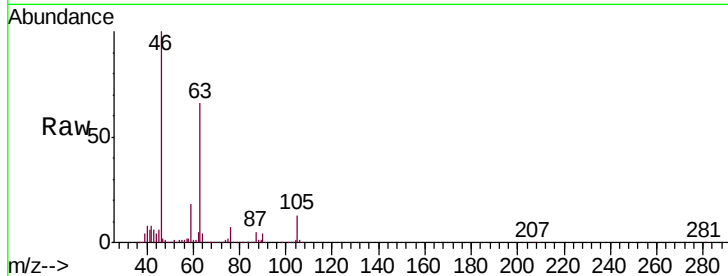




#48
 2-Hexanone
 Concen: 5.610 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030282.D
 Acq: 21 Mar 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0E0

Tgt Ion: 43 Resp: 35445
 Ion Ratio Lower Upper
 43 100
 58 28.6 49.3 73.9#
 57 27.6 17.0 25.4#
 100 0.1 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.510 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030282.D
 Acq: 21 Mar 2019 21:38

Tgt Ion: 75 Resp: 41248
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.8

