

Data File : VU033640.D
Acq On : 08 Aug 2019 16:15
Operator : JC/SP
Sample : K4161-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOF9

Quant Time: Aug 09 07:43:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	307810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90467	26.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.06%#
7) Chloroethane-d5	1.67	69	85548	29.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.18%#
11) 1,1-Dichloroethene-d2	2.26	63	119803	21.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.66%#
21) 2-Butanone-d5	4.15	46	191299	75.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.17%
24) Chloroform-d	4.62	84	174061	30.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.46%#
26) 1,2-Dichloroethane-d4	5.29	65	123508	33.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.52%#
32) Benzene-d6	5.32	84	353993	31.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.58%#
36) 1,2-Dichloropropane-d6	6.31	67	119890	33.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.66%#
41) Toluene-d8	7.55	98	303331	29.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	58.00%#
43) trans-1,3-Dichloropropene-	7.83	79	55303	31.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.82%
47) 2-Hexanone-d5	8.29	63	134642	74.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	198910	35.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	136987	35.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.70%#

Target Compounds

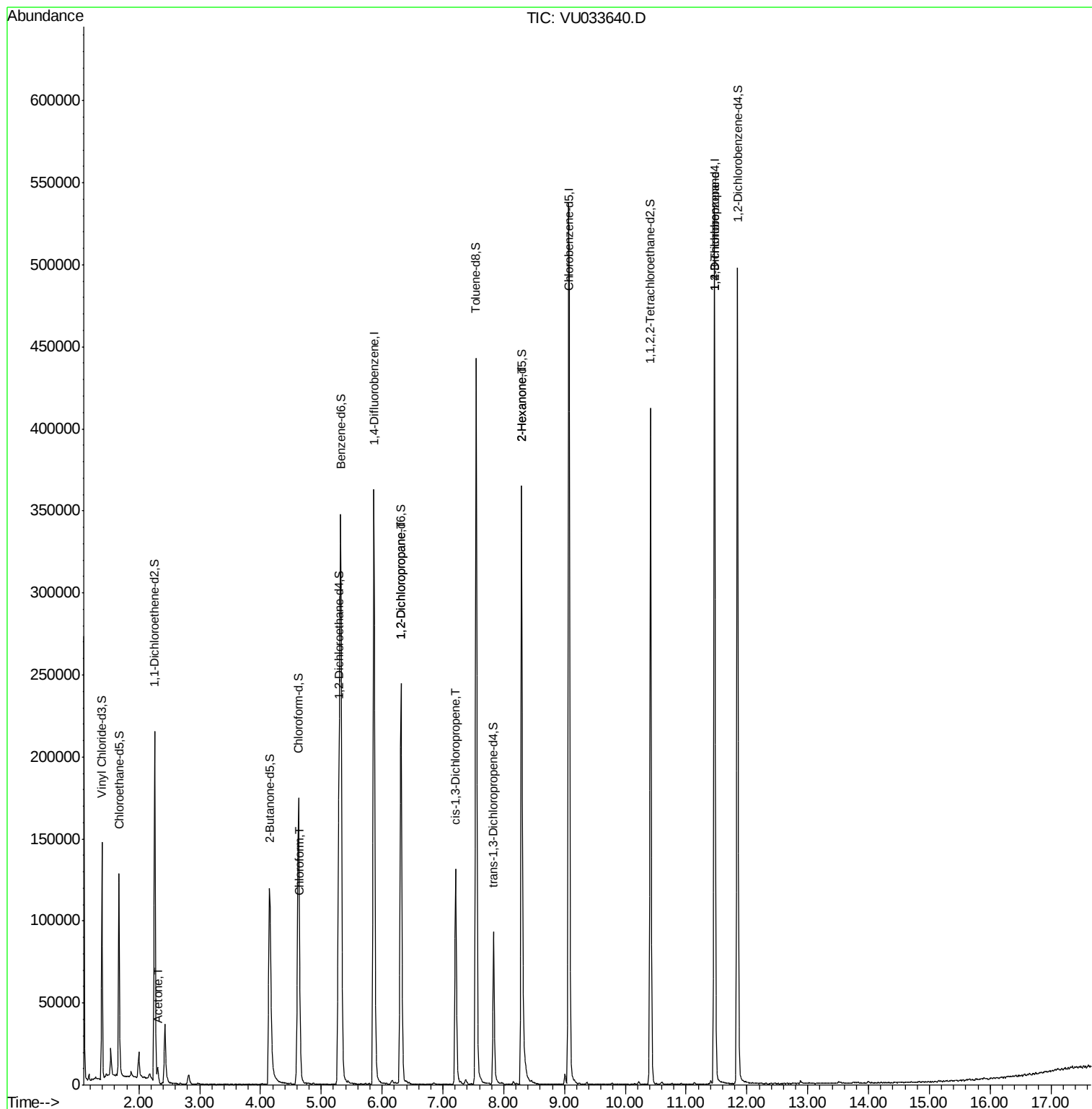
						Qvalue
13) Acetone	2.31	43	8503	4.912	ug/L	97
25) Chloroform	4.65	83	9952	2.147	ug/L	91
37) 1,2-Dichloropropane	6.31	63	12603	4.869	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3272	0.849	ug/L #	54
48) 2-Hexanone	8.30	43	15505	5.009	ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	17150	4.853	ug/L	92

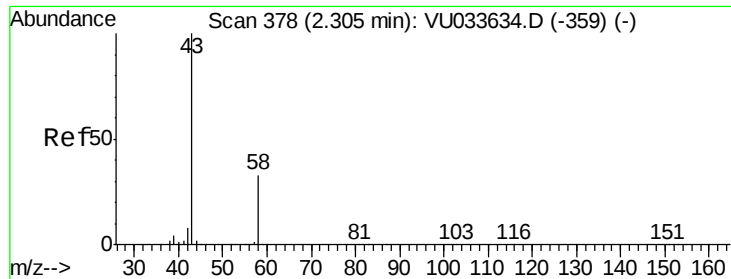
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.912 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033640.D

Acq: 08 Aug 2019 16:15

Instrument :

MSVOA_U

ClientSampleId :

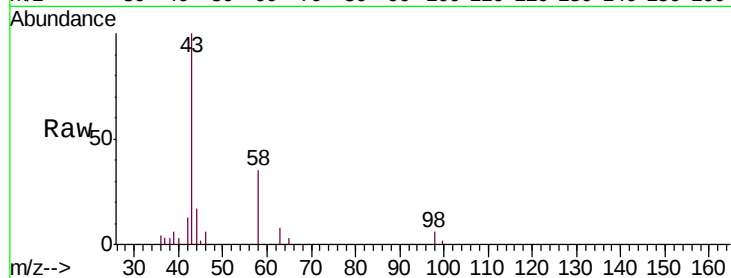
ETOF9

Tgt Ion: 43 Resp: 8503

Ion Ratio Lower Upper

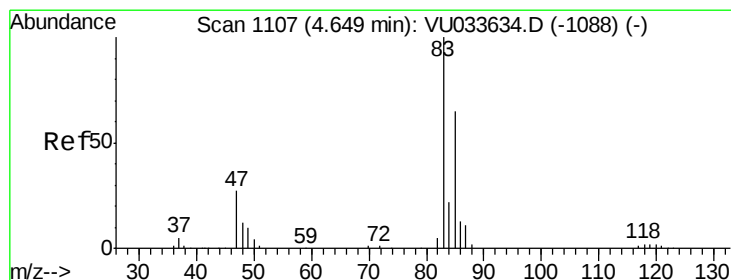
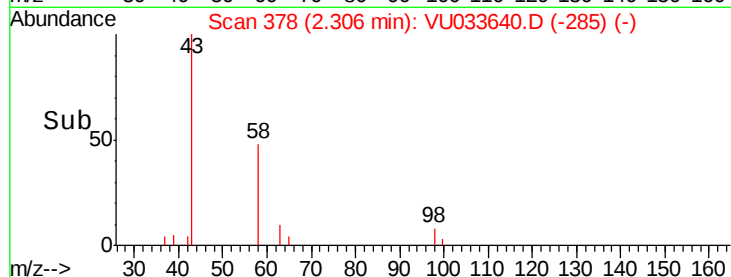
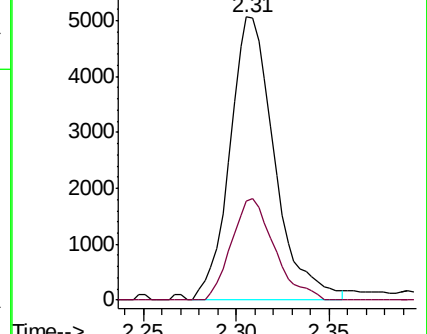
43 100

58 34.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033634.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU033634.D (-359) (-)



#25

Chloroform

Concen: 2.147 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU033640.D

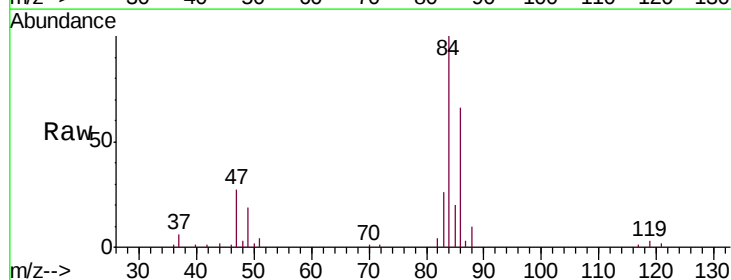
Acq: 08 Aug 2019 16:15

Tgt Ion: 83 Resp: 9952

Ion Ratio Lower Upper

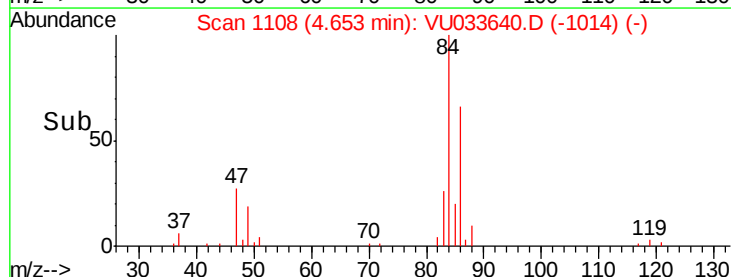
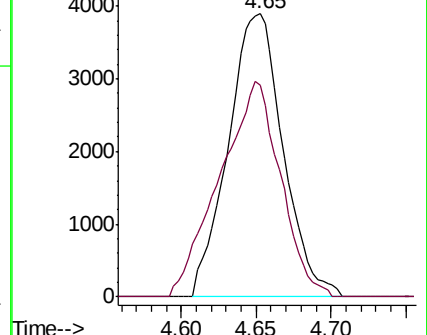
83 100

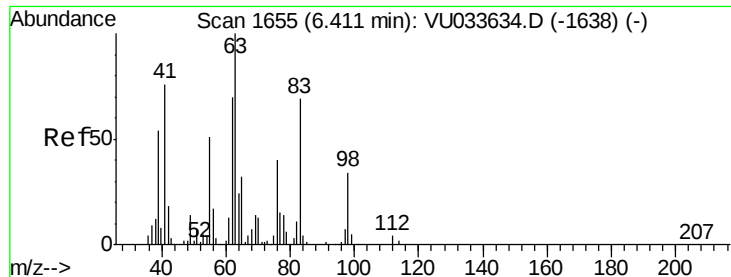
85 74.8 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU033634.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033634.D (-1088) (-)

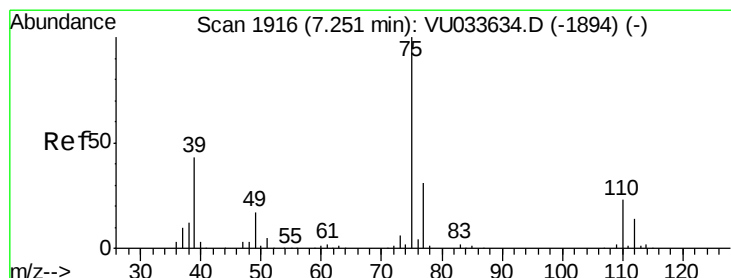
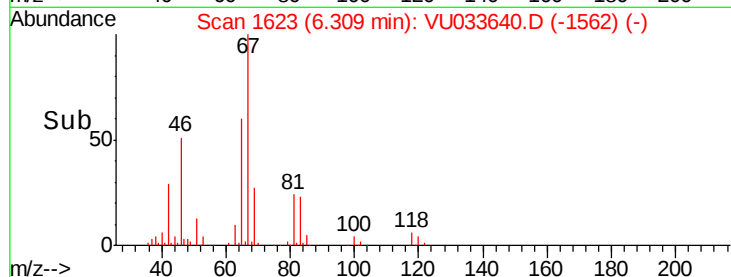
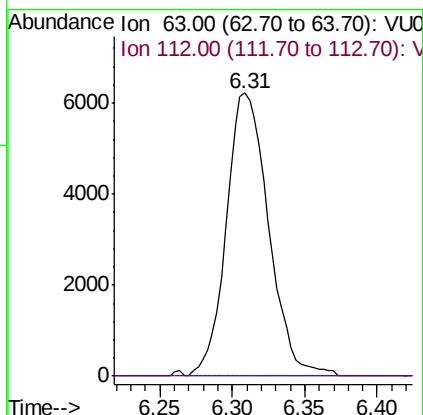
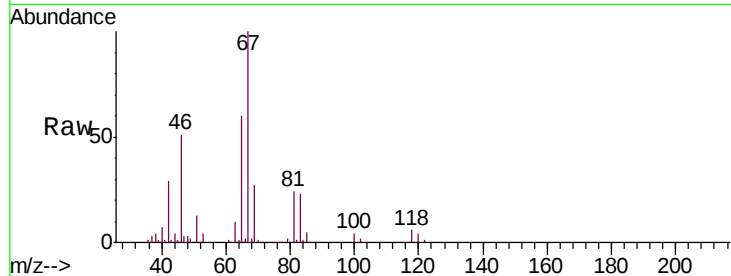




#37
 1,2-Dichloropropane
 Concen: 4.869 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033640.D
 Acq: 08 Aug 2019 16:15

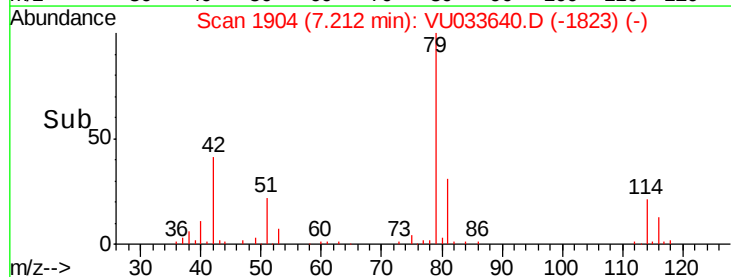
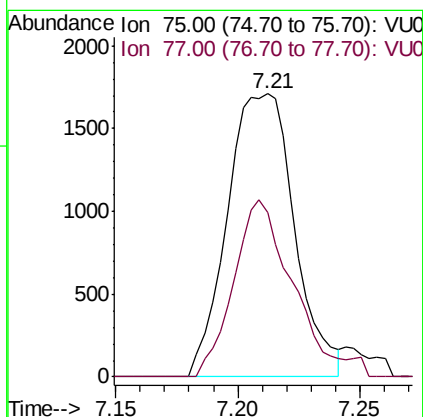
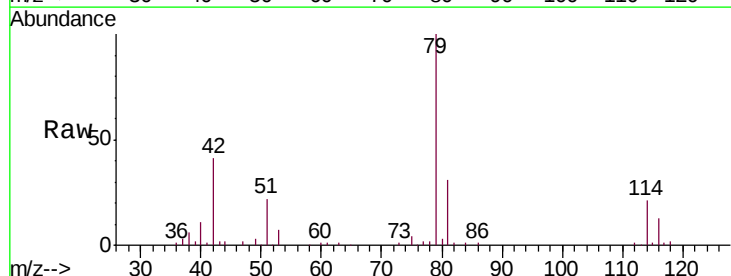
Instrument :
 MSVOA_U
 ClientSampleId :
 ETOF9

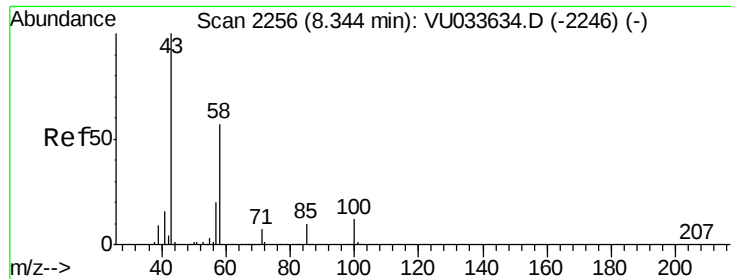
Tgt Ion: 63 Resp: 12603
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033640.D
 Acq: 08 Aug 2019 16:15

Tgt Ion: 75 Resp: 3272
 Ion Ratio Lower Upper
 75 100
 77 57.9 22.5 41.9#

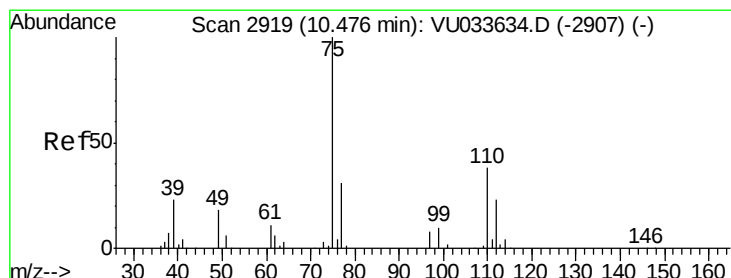
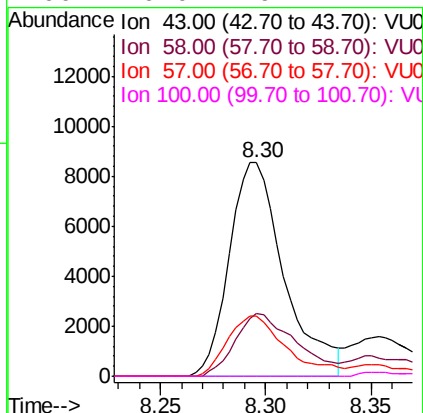
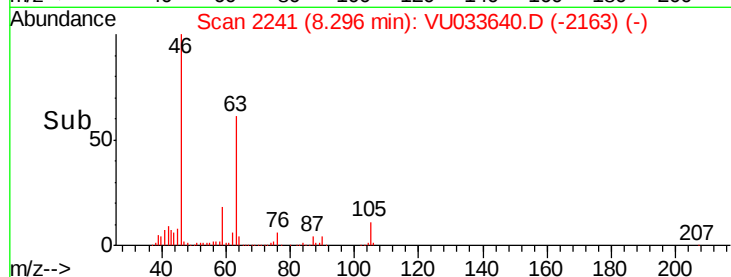
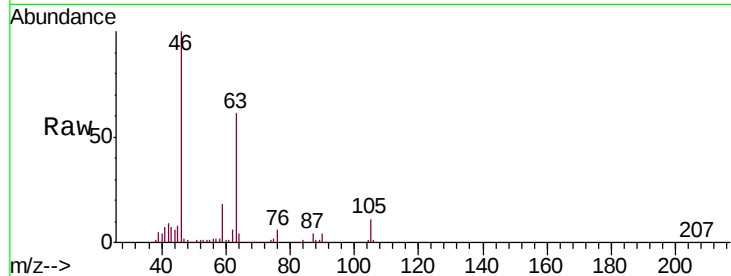




#48
 2-Hexanone
 Concen: 5.009 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033640.D
 Acq: 08 Aug 2019 16:15

Instrument :
 MSVOA_U
 ClientSampled :
 ETOF9

Tgt Ion: 43 Resp: 15505
 Ion Ratio Lower Upper
 43 100
 58 32.6 44.8 67.2#
 57 30.3 15.5 23.3#
 100 0.0 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.853 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033640.D
 Acq: 08 Aug 2019 16:15

Tgt Ion: 75 Resp: 17150
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.5 38.3

