

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031094.D
 Acq On : 12 Apr 2019 01:23
 Operator : JC/SP
 Sample : VU0411WBL04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK57

Quant Time: Apr 12 07:29:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	442213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440264	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221953	56.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.46%
7) Chloroethane-d5	1.68	69	161878	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.06%
11) 1,1-Dichloroethene-d2	2.27	63	286481	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.24%
21) 2-Butanone-d5	4.17	46	293502	93.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.81%
24) Chloroform-d	4.64	84	301474	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.30	65	219589	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.74%
32) Benzene-d6	5.33	84	628801	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.32	67	213150	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.56	98	546009	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.85	79	89881	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
47) 2-Hexanone-d5	8.31	63	172997	85.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280989	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	195864	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

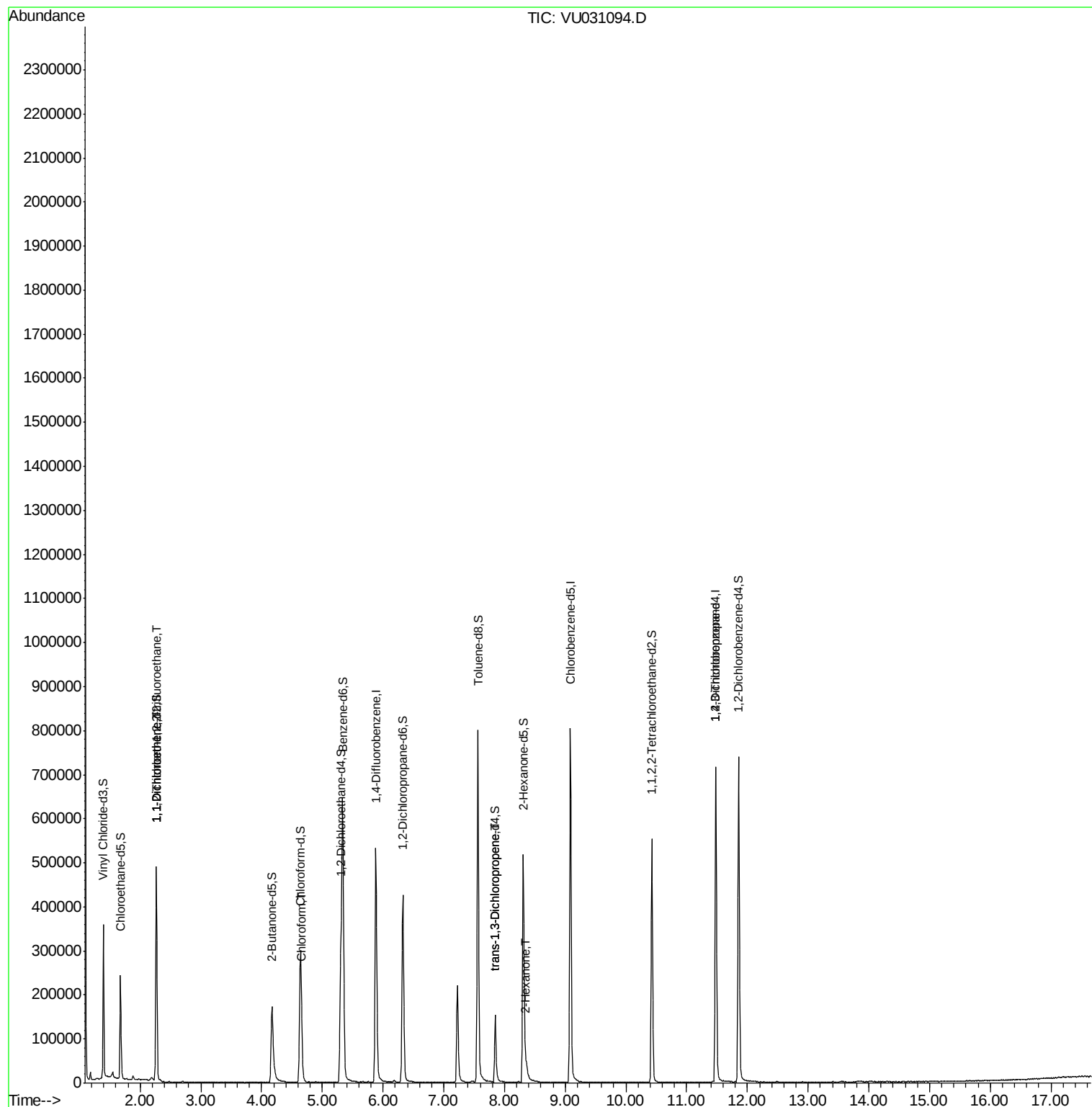
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2812	0.888 ug/L #	30
12) 1,1-Dichloroethene	2.27	96	2253	0.737 ug/L #	1
25) Chloroform	4.67	83	15995	2.376 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	3270	0.639 ug/L #	69
48) 2-Hexanone	8.36	43	14367	2.807 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	22846	4.676 ug/L	92

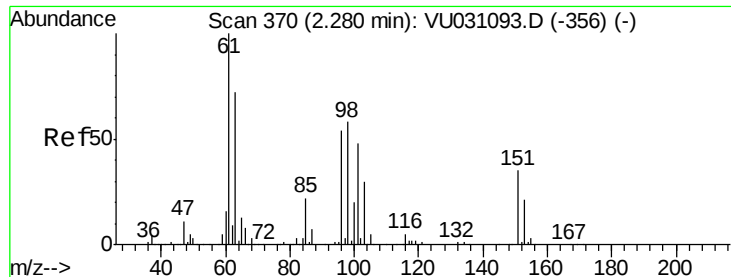
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.888 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031094.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK57

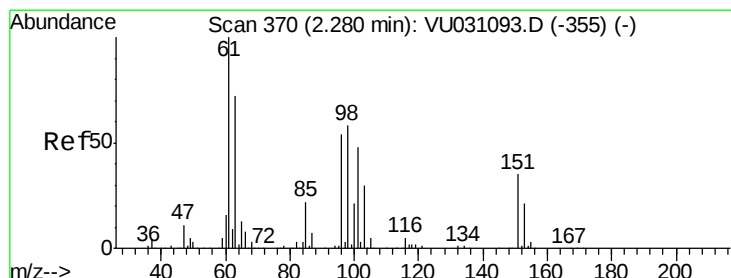
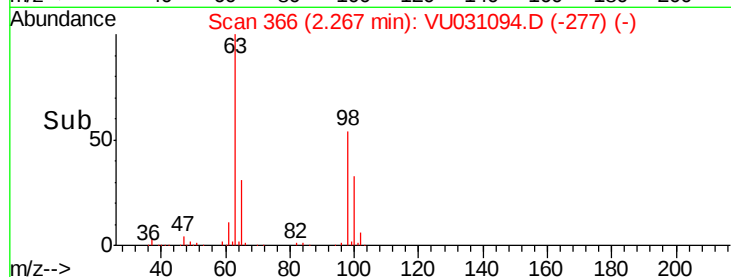
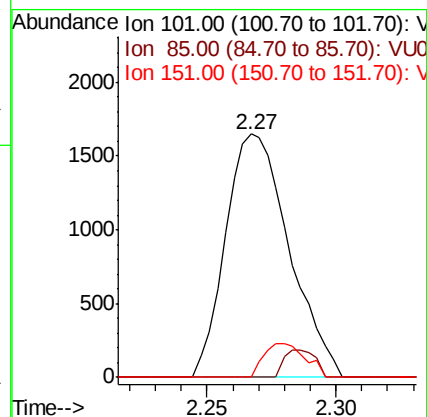
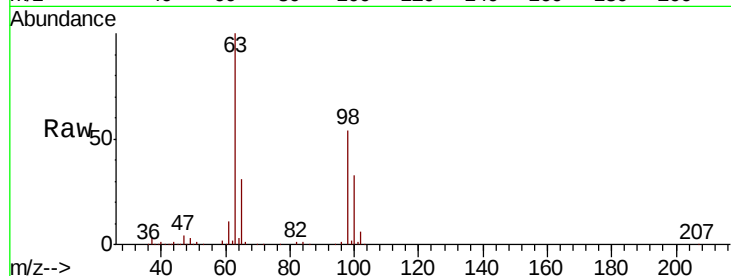
Tot Ion:101 Resp: 2812

Ion Ratio Lower Upper

101 100

85 5.5 36.8 55.2#

151 9.2 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.737 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031094.D

Acq: 12 Apr 2019 01:23

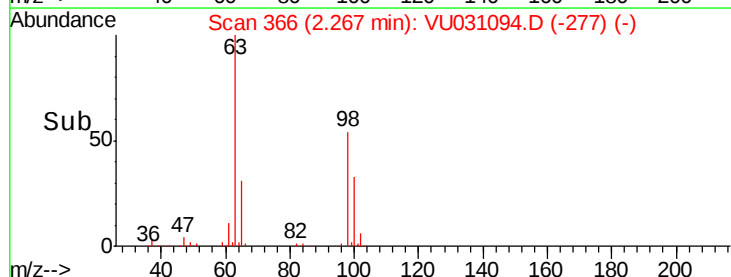
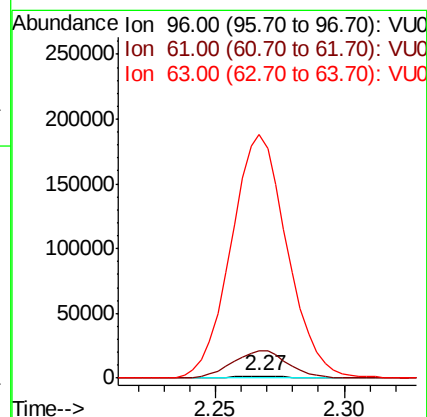
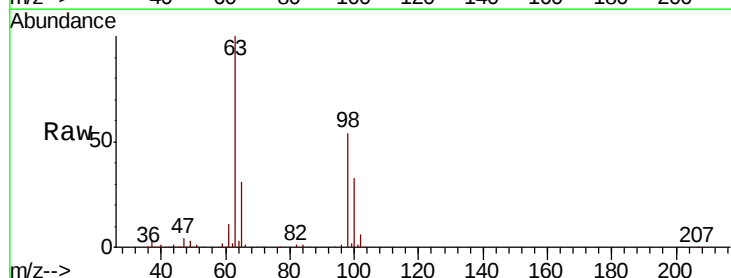
Tgt Ion: 96 Resp: 2253

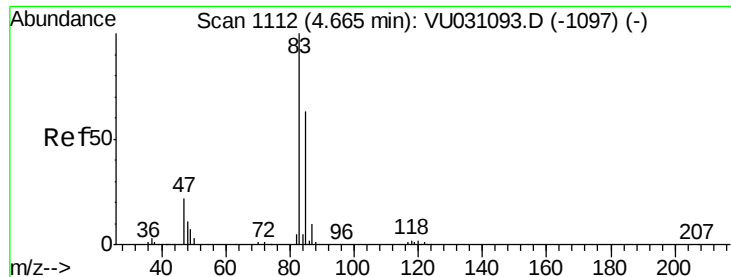
Ion Ratio Lower Upper

96 100

61 1611.4 132.0 245.2#

63 14116.5 90.9 168.9#





#25

Chloroform

Concen: 2.376 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031094.D

Acq: 12 Apr 2019 01:23

Instrument :

MSVOA_U

ClientSampleId :

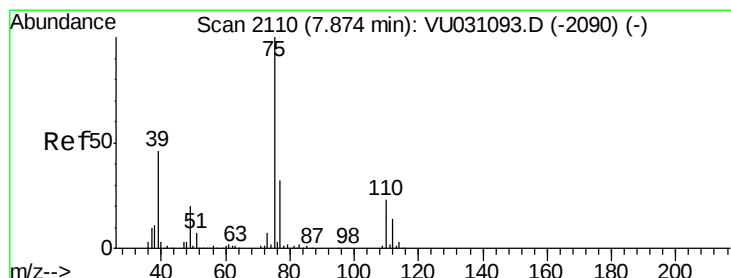
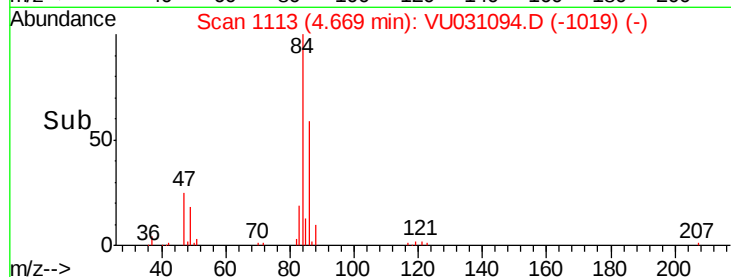
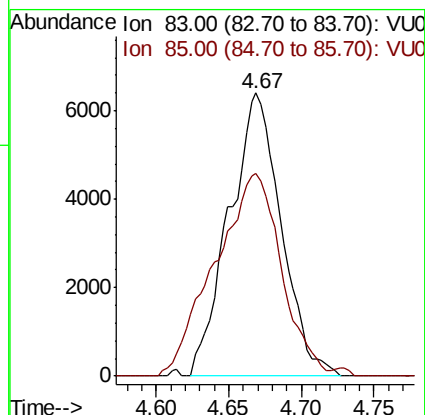
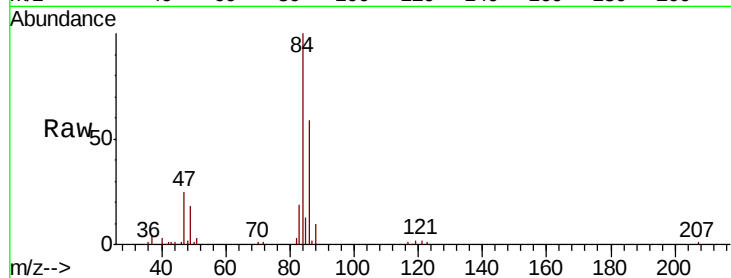
VBLK57

Tot Ion: 83 Resp: 15995

Ion Ratio Lower Upper

83 100

85 71.7 45.8 85.0



#44

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031094.D

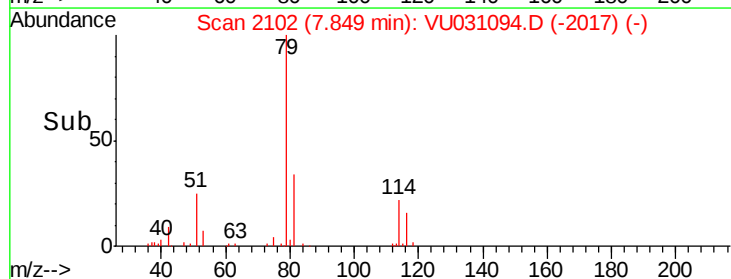
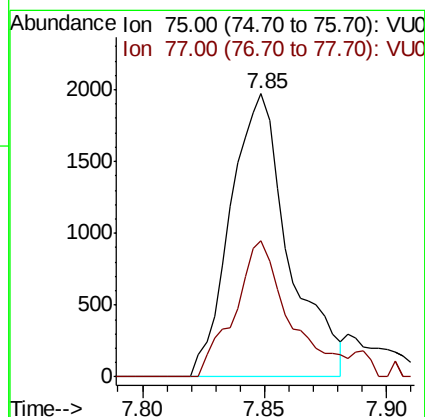
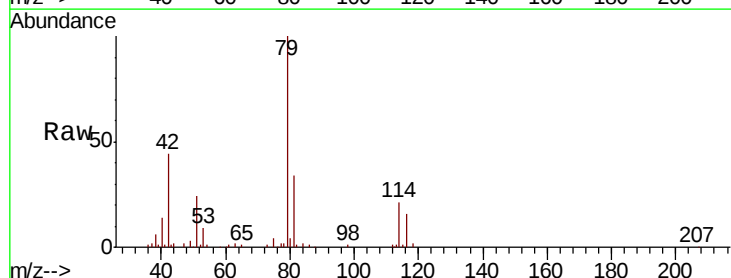
Acq: 12 Apr 2019 01:23

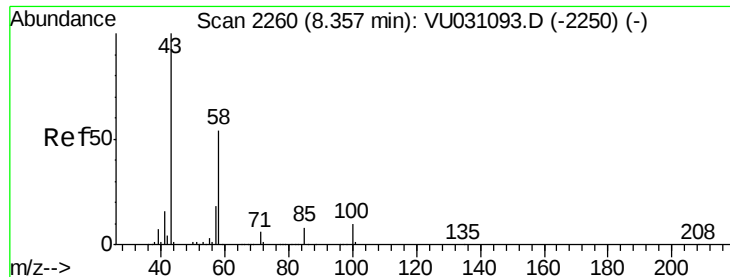
Tgt Ion: 75 Resp: 3270

Ion Ratio Lower Upper

75 100

77 47.9 21.6 40.0#

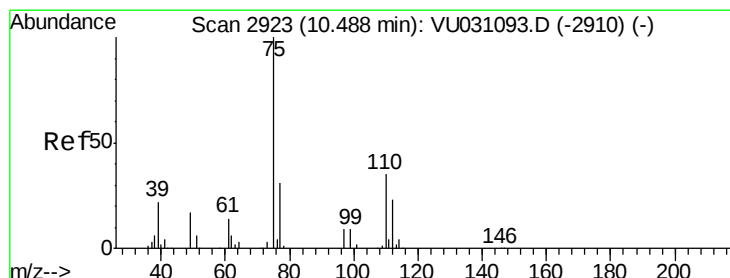
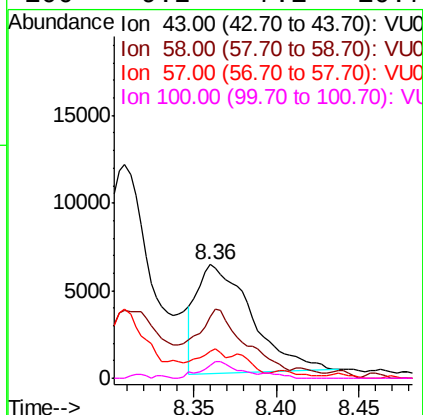
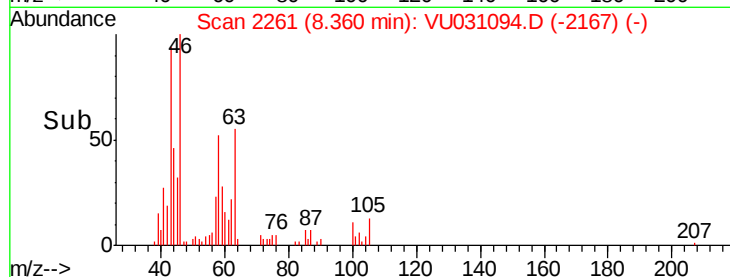
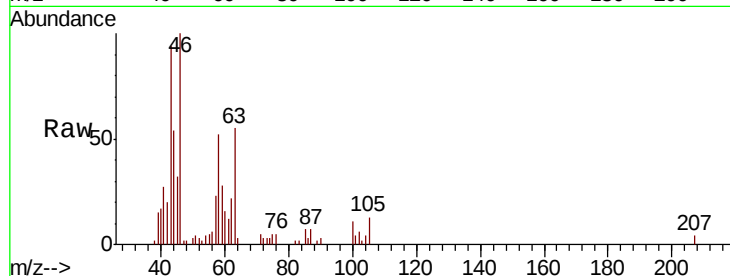




#48
2-Hexanone
Concen: 2.807 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031094.D
Acq: 12 Apr 2019 01:23

Instrument :
MSVOA_U
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Tot Ion: 43 Resp: 14367
Ion Ratio Lower Upper
43 100
58 39.5 41.9 62.9#
57 12.6 14.3 21.5#
100 9.2 7.1 10.7



#59
1,2,3-Trichloropropane
Concen: 4.676 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031094.D
Acq: 12 Apr 2019 01:23

Tgt Ion: 75 Resp: 22846
Ion Ratio Lower Upper
75 100
77 37.0 26.1 39.1

