

Data File : VU031116.D
Acq On : 12 Apr 2019 09:46
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Apr 12 23:25:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221381	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.68	69	163114	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	278720	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.17	46	306095	91.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.99%
24) Chloroform-d	4.85	84	148	0.02	ug/L	0.21
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.30	65	222648	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.33	84	669954	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.32	67	225209	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.56	98	568763	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.85	79	89727	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.31	63	183615	86.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297155	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	199351	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

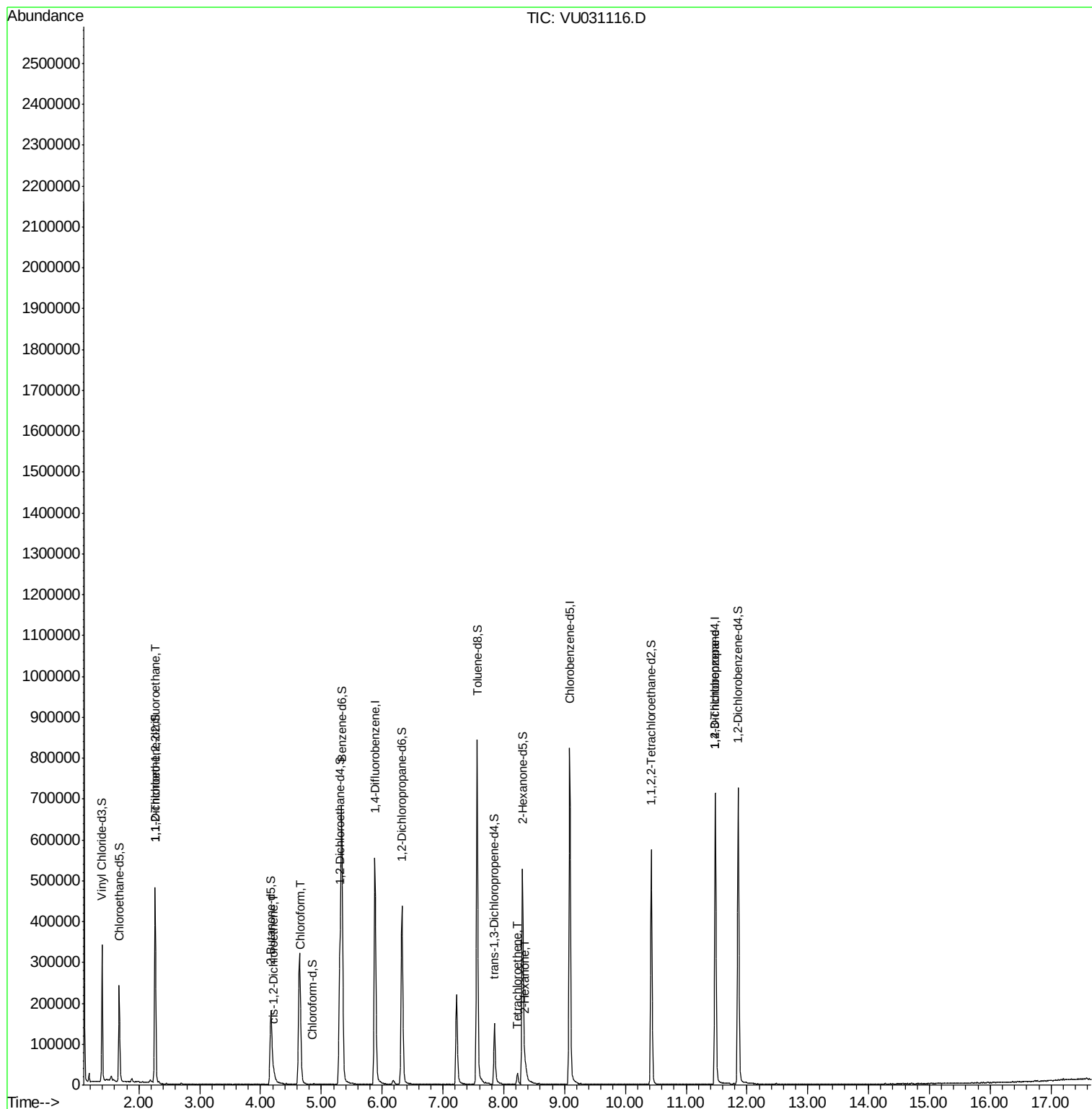
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2695	0.800 ug/L #	22
20) cis-1,2-Dichloroethene	4.22	96	5580	1.464 ug/L	82
25) Chloroform	4.67	83	16650	2.325 ug/L	96
46) Tetrachloroethene	8.23	164	6520	2.419 ug/L	92
48) 2-Hexanone	8.36	43	17051	3.175 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	21842	4.260 ug/L	89

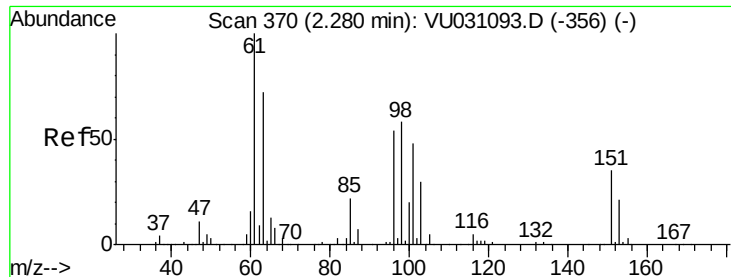
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.800 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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VIBLK41

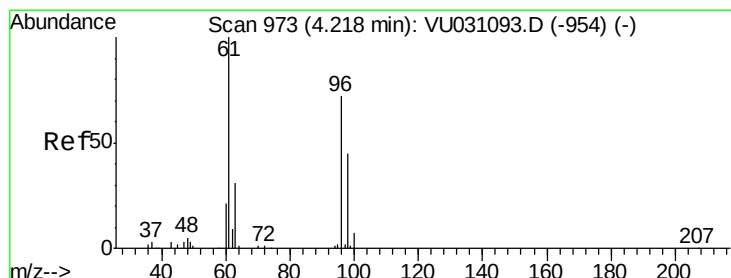
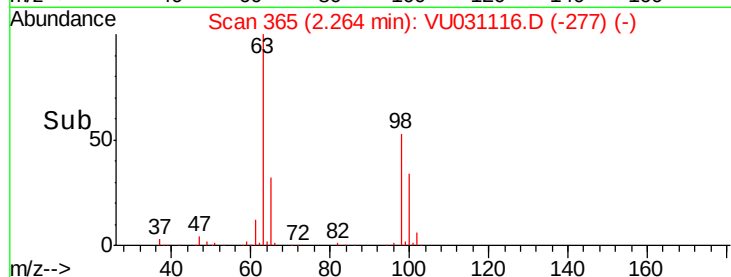
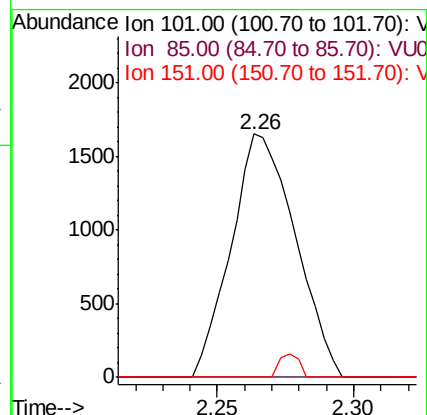
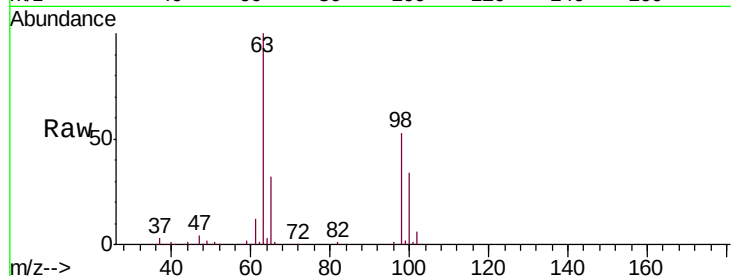
Tgt Ion: 101 Resp: 2695

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 3.0 57.4 86.0#



#20

cis-1,2-Dichloroethene

Concen: 1.464 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

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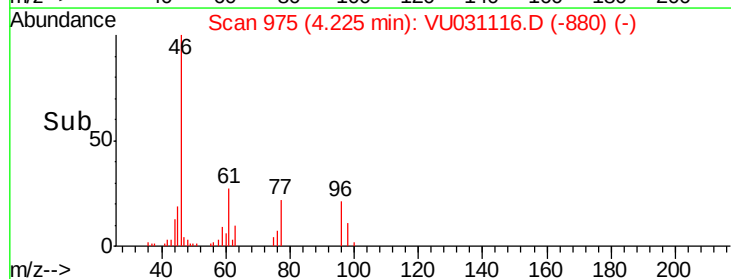
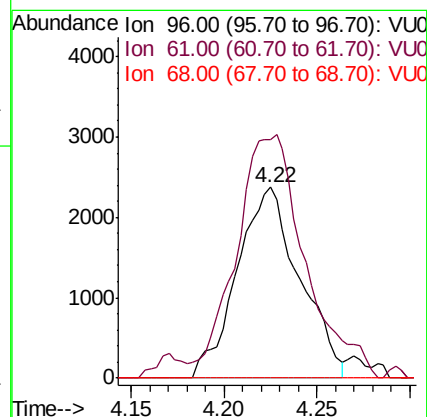
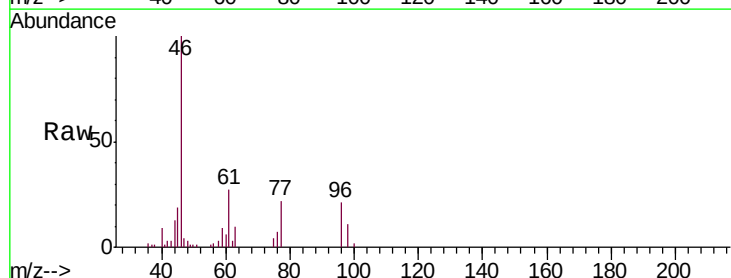
Tgt Ion: 96 Resp: 5580

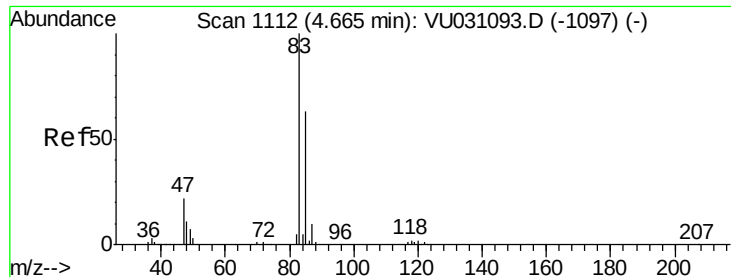
Ion Ratio Lower Upper

96 100

61 124.9 102.9 191.1

68 0.0 0.0 0.0

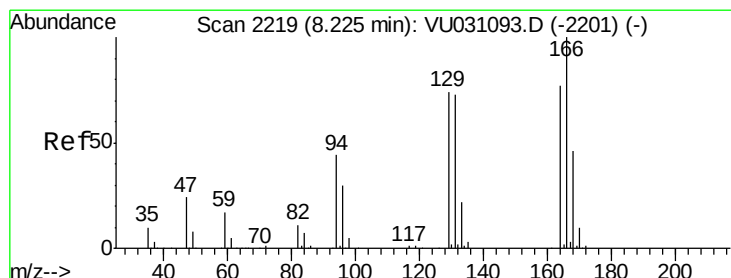
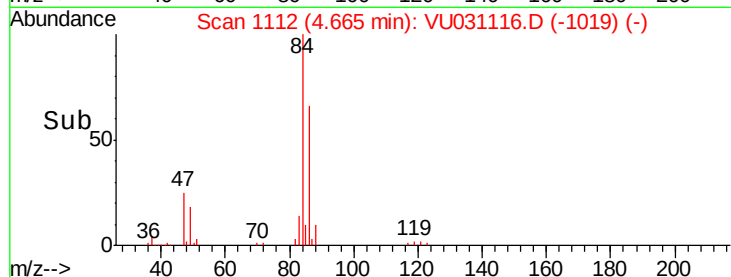
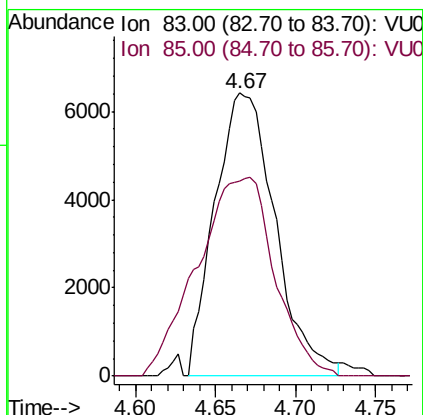
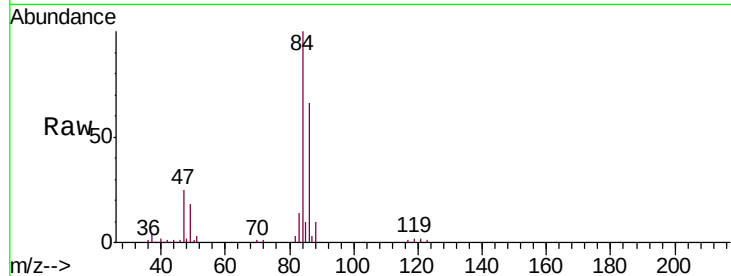




#25
Chloroform
Concen: 2.325 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
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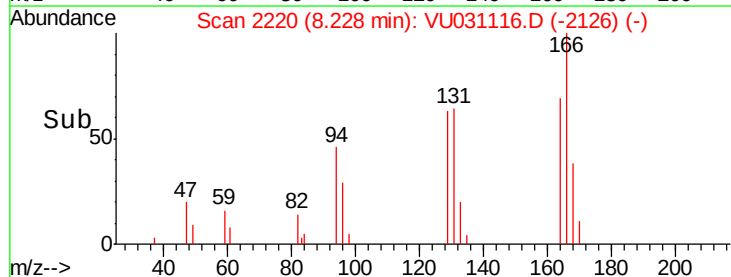
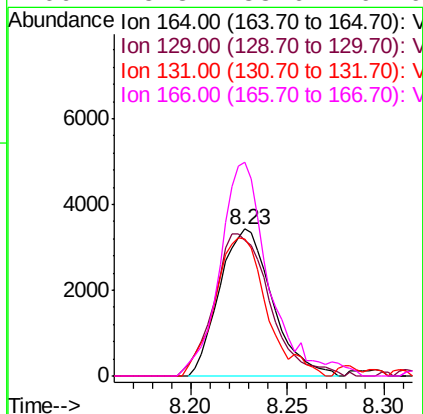
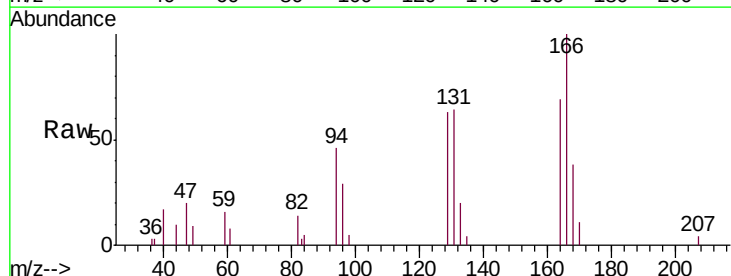
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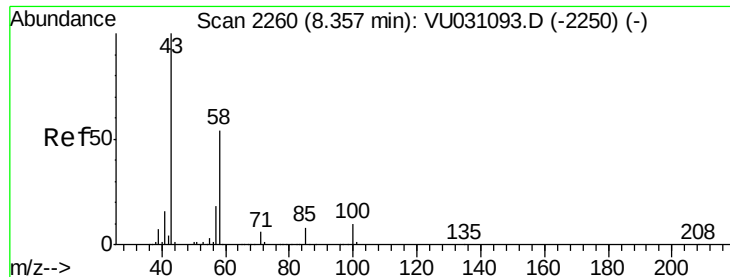
Tgt Ion: 83 Resp: 16650
Ion Ratio Lower Upper
83 100
85 68.8 45.8 85.0



#46
Tetrachloroethene
Concen: 2.419 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
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Tgt Ion: 164 Resp: 6520
Ion Ratio Lower Upper
164 100
129 92.1 67.4 125.2
131 93.3 65.9 122.5
166 145.3 88.6 164.6

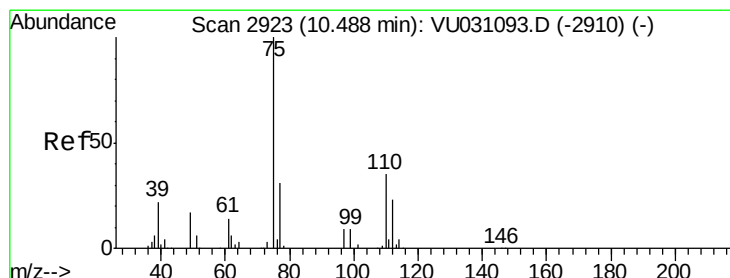
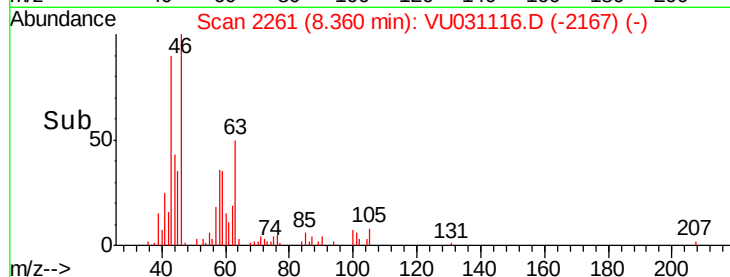
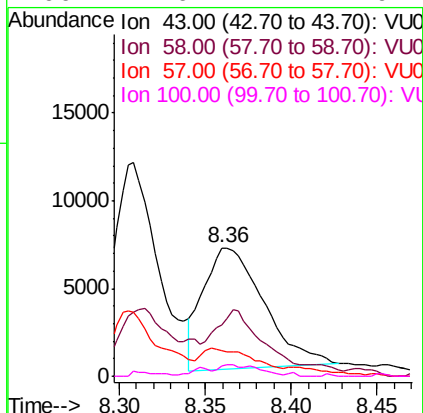
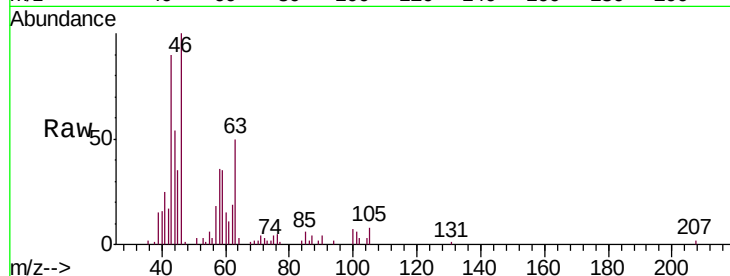




#48
2-Hexanone
Concen: 3.175 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 17051
Ion Ratio Lower Upper
43 100
58 34.7 41.9 62.9#
57 13.5 14.3 21.5#
100 1.6 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.260 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031116.D
Acq: 12 Apr 2019 09:46

Tgt Ion: 75 Resp: 21842
Ion Ratio Lower Upper
75 100
77 38.7 26.1 39.1

