

Data File : VU031728.D
Acq On : 02 May 2019 21:32
Operator : JC/SP
Sample : K2661-16 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B36

Quant Time: May 03 07:29:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	963567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	892506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	407266	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	306088	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.24%
11) 1,1-Dichloroethene-d2	2.27	63	570935	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	4.19	46	714391	97.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.77%
24) Chloroform-d	4.64	84	623722	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.31	65	418945	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
32) Benzene-d6	5.34	84	1328337	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.32	67	458607	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.12%
41) Toluene-d8	7.56	98	1137845	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	7.85	79	185111	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.31	63	462494	110.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	563665	43.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	356806	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

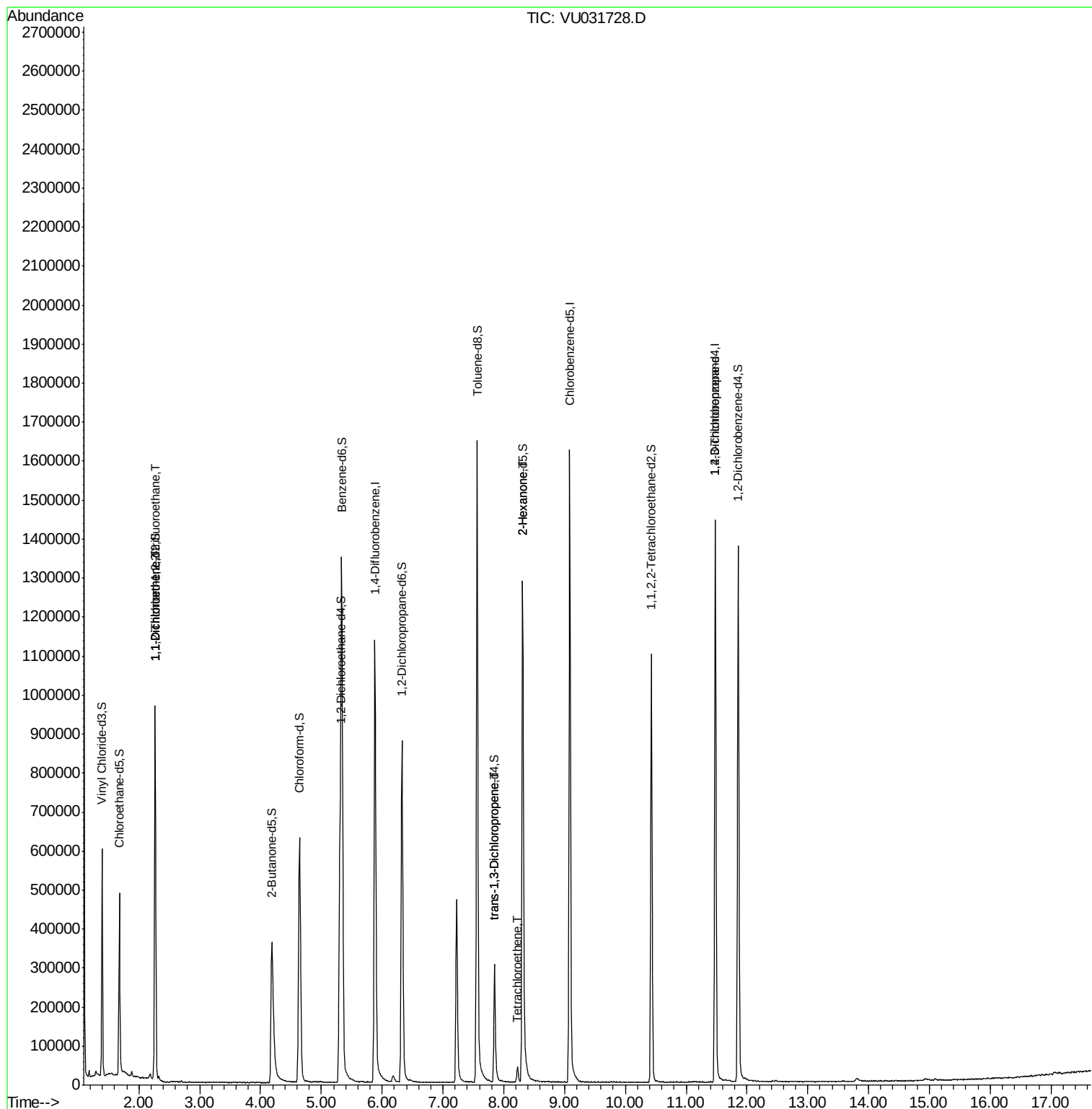
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4818	0.624	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	4380	0.583	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	6568	0.588	ug/L #	79
46) Tetrachloroethene	8.23	164	9493	1.751	ug/L	89
48) 2-Hexanone	8.31	43	55764	4.811	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	49452	4.477	ug/L	92

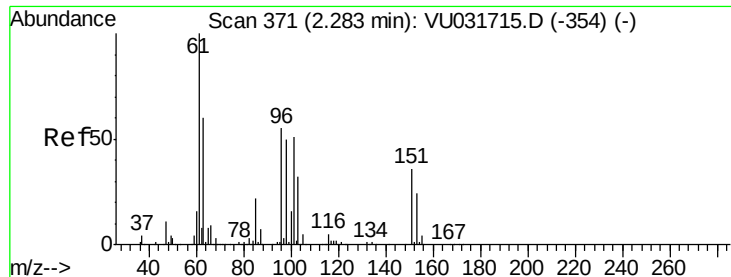
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.624 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031728.D

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Instrument :

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ClientSampleId :

C0B36

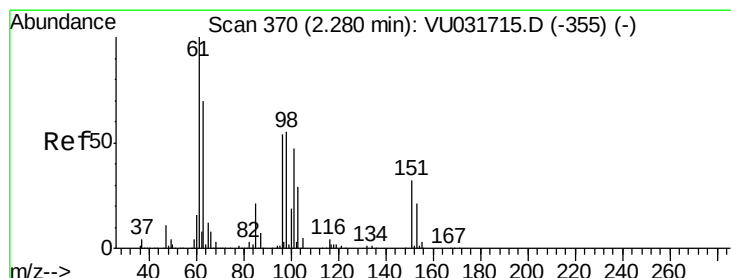
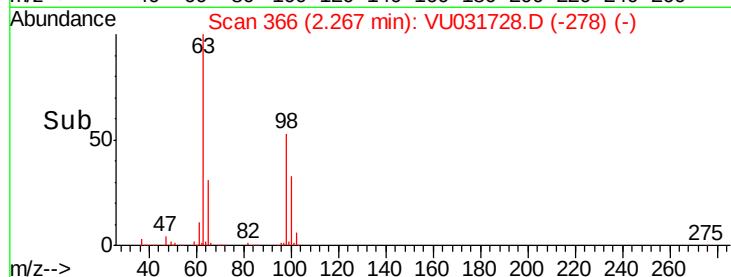
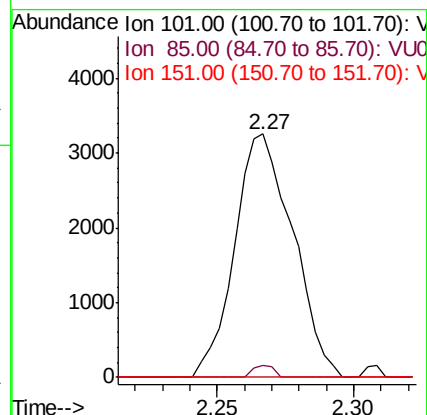
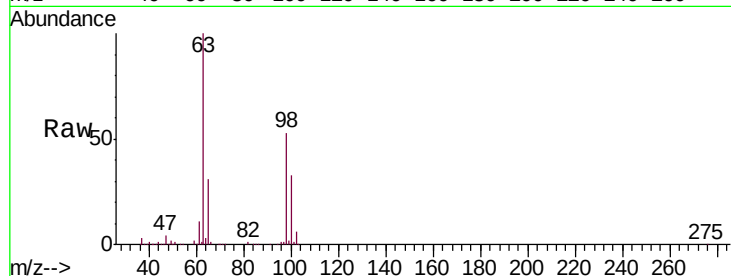
Tgt Ion:101 Resp: 4818

Ion Ratio Lower Upper

101 100

85 1.6 36.1 54.1#

151 1.2 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031728.D

Acq: 02 May 2019 21:32

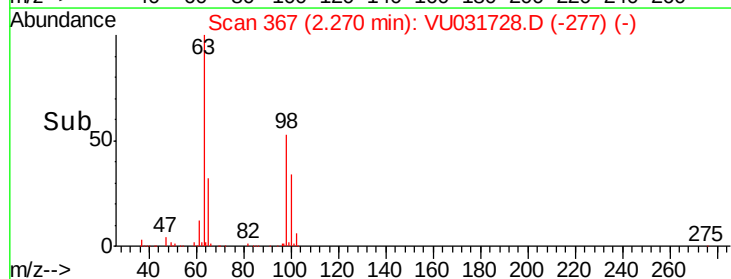
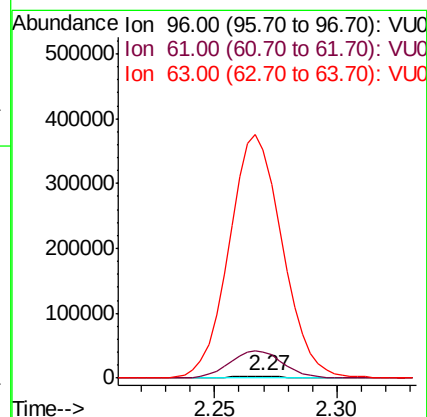
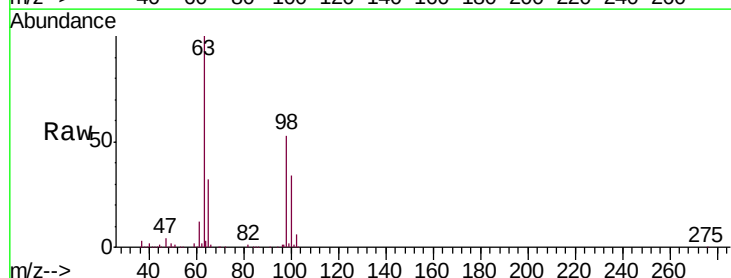
Tgt Ion: 96 Resp: 4380

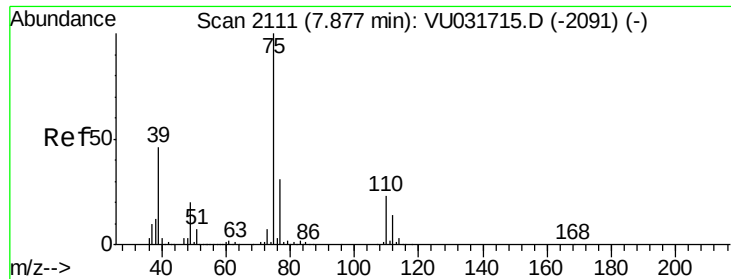
Ion Ratio Lower Upper

96 100

61 1508.3 135.0 250.6#

63 12929.3 103.5 192.3#





#44

trans-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

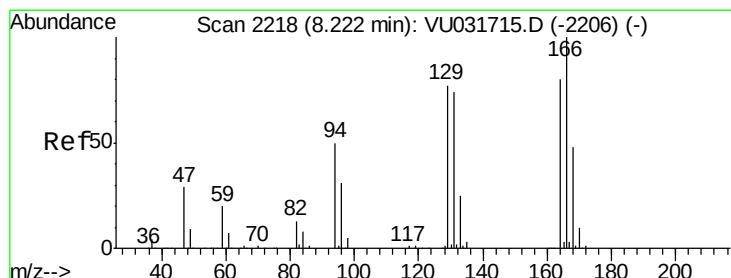
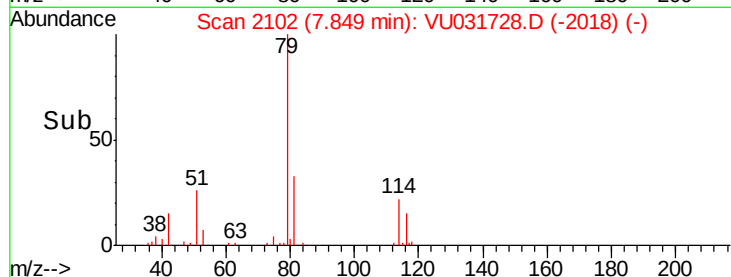
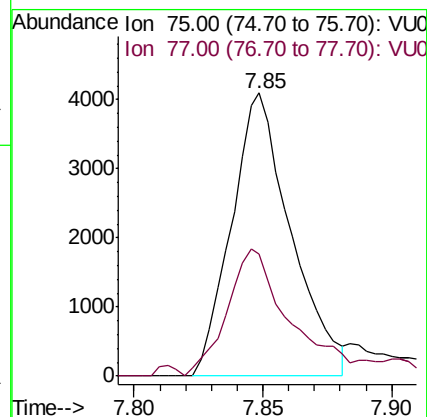
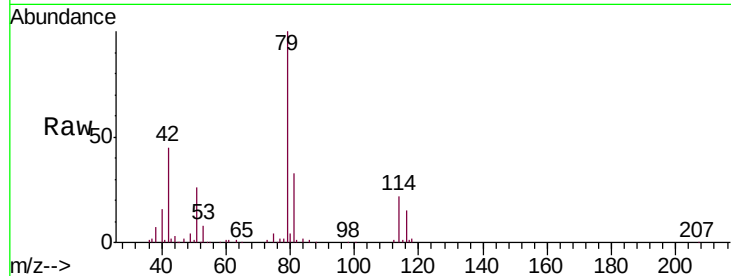
C0B36

Tgt Ion: 75 Resp: 6568

Ion Ratio Lower Upper

75 100

77 43.2 22.1 41.1#



#46

Tetrachloroethene

Concen: 1.751 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

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Tgt Ion: 164 Resp: 9493

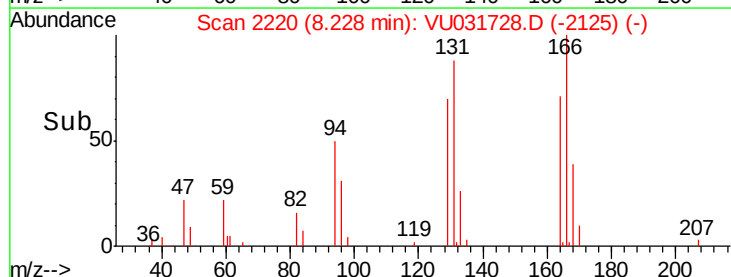
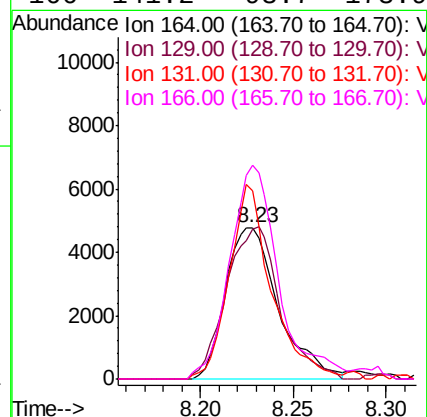
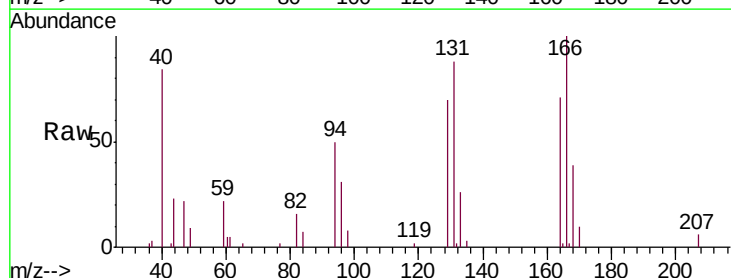
Ion Ratio Lower Upper

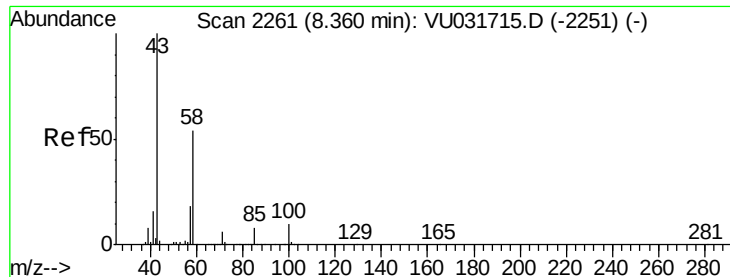
164 100

129 98.9 71.5 132.9

131 124.3 69.0 128.2

166 141.2 93.7 173.9

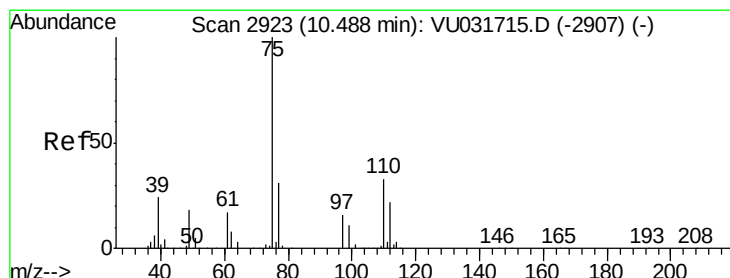
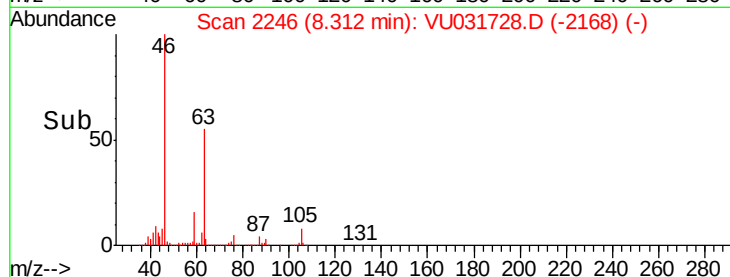
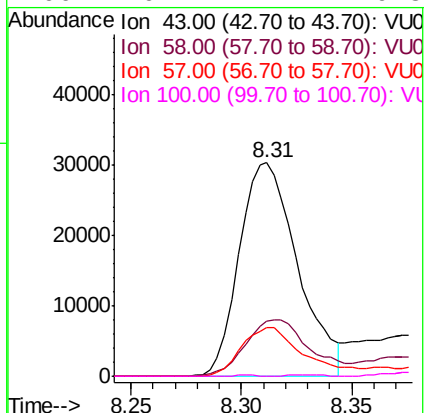
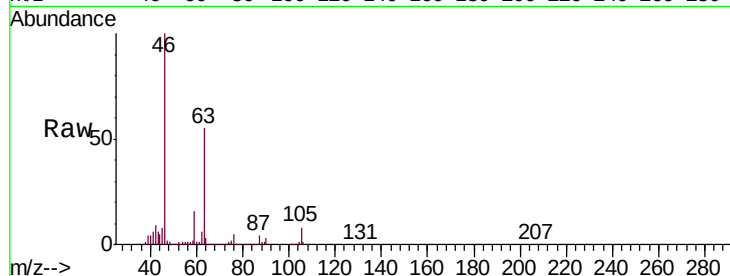




#48
 2-Hexanone
 Concen: 4.811 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031728.D
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 C0B36

Tgt Ion: 43 Resp: 55764
 Ion Ratio Lower Upper
 43 100
 58 29.5 42.1 63.1#
 57 24.3 14.6 22.0#
 100 0.2 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.477 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031728.D
 Acq: 02 May 2019 21:32

Tgt Ion: 75 Resp: 49452
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.9 38.9

