

Data File : VU030270.D
Acq On : 21 Mar 2019 17:03
Operator : JC/SP
Sample : K2031-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y0

Quant Time: Mar 22 05:17:43 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	549225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	522425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175063	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.68	69	144867	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.27	63	237076	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	4.17	46	257624	93.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.51%
24) Chloroform-d	4.65	84	314177	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	183401	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
32) Benzene-d6	5.34	84	674516	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	214577	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.56	98	611933	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloropropene-	7.85	79	95886	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.46%
47) 2-Hexanone-d5	8.31	63	207905	94.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308654	47.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	245282	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%

Target Compounds

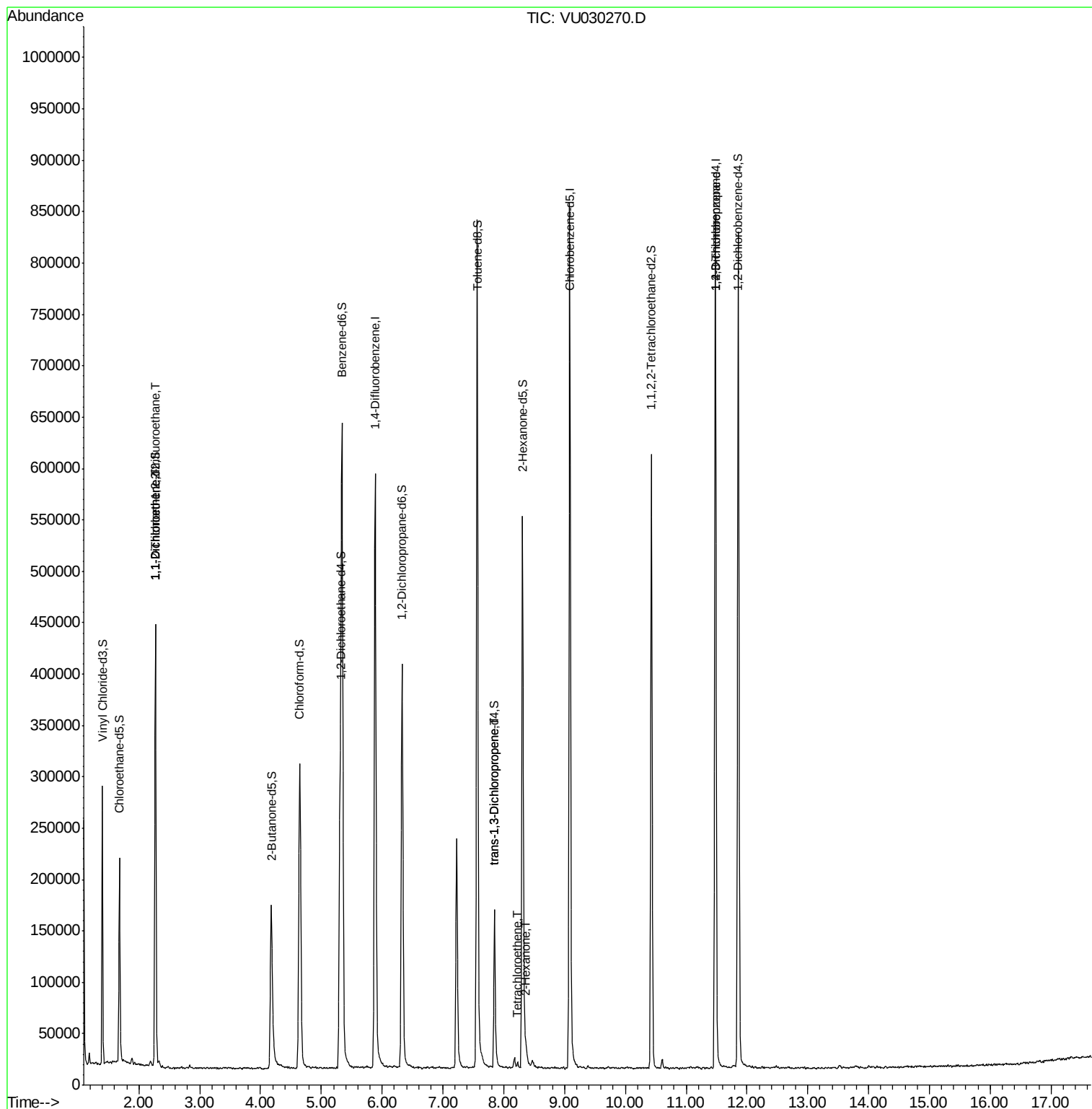
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2337	0.633 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2087	0.570 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3267	0.610 ug/L #	58
46) Tetrachloroethene	8.23	164	1577	0.470 ug/L	82
48) 2-Hexanone	8.37	43	6201	1.408 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	25724	4.931 ug/L	92

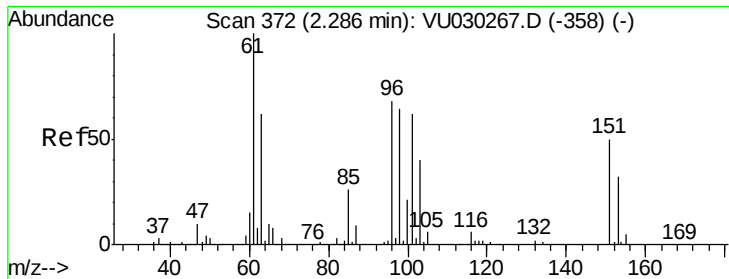
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.633 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BF5Y0

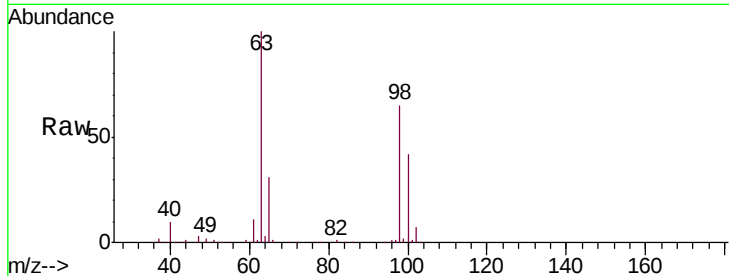
Tgt Ion: 101 Resp: 2337

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

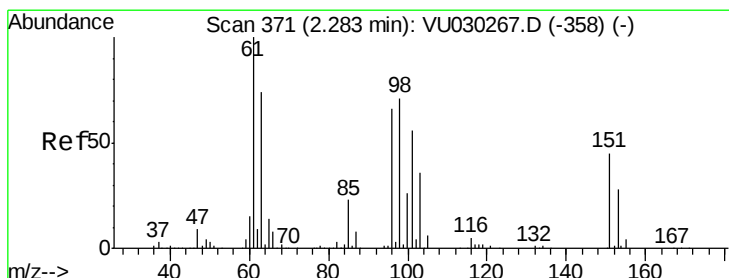
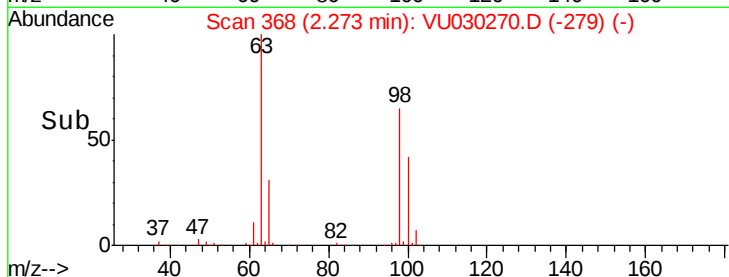
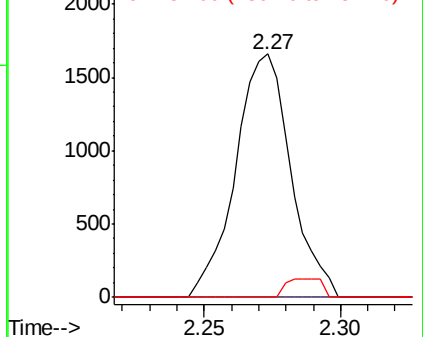
151 5.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.570 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030270.D

Acq: 21 Mar 2019 17:03

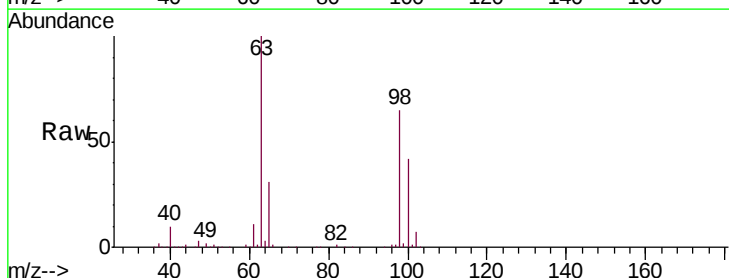
Tgt Ion: 96 Resp: 2087

Ion Ratio Lower Upper

96 100

61 1314.4 104.6 194.2#

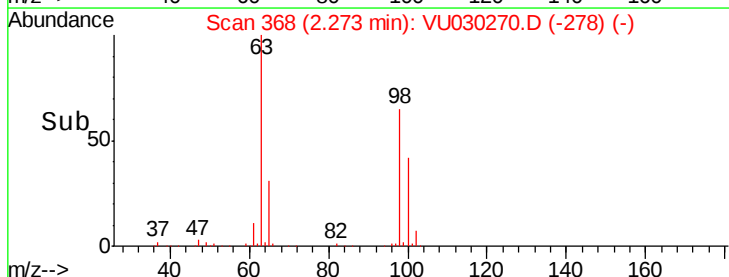
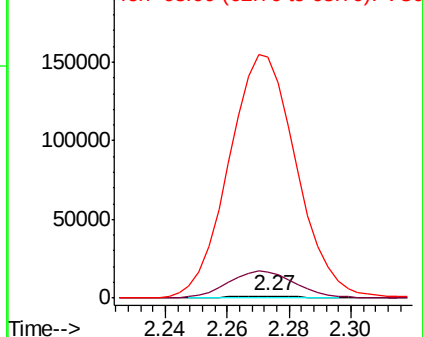
63 12005.0 77.2 143.4#

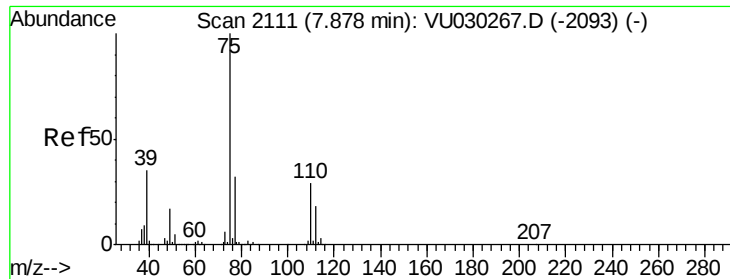


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.610 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Acq: 21 Mar 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

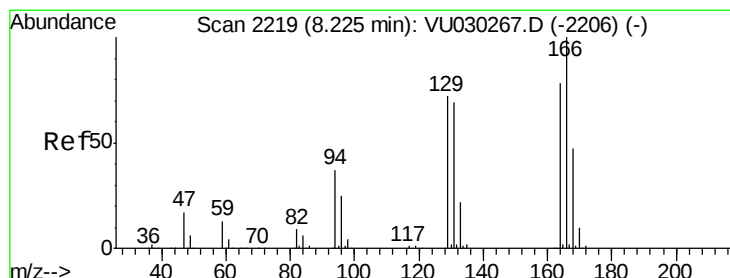
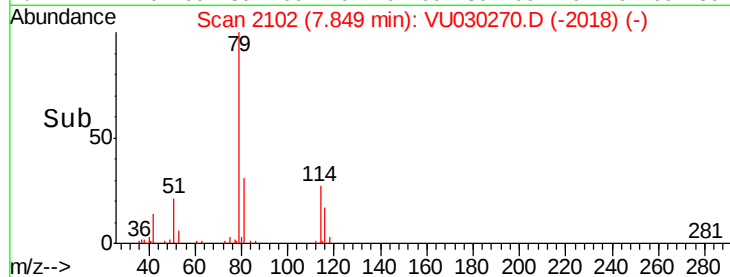
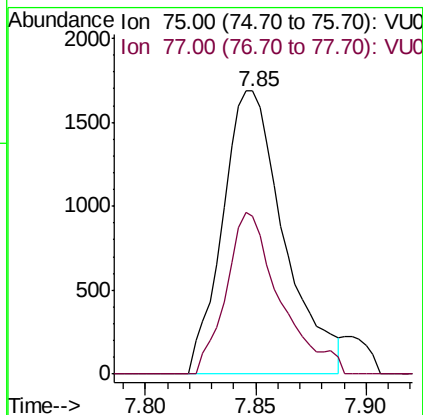
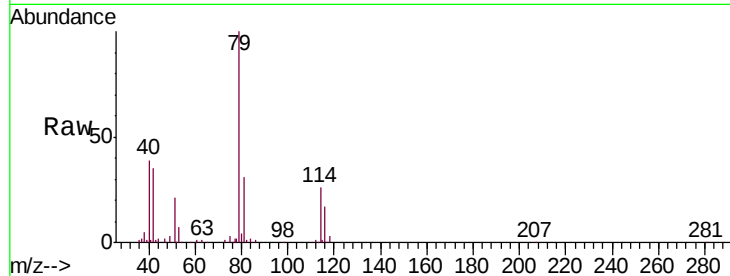
BF5Y0

Tgt Ion: 75 Resp: 3267

Ion Ratio Lower Upper

75 100

77 56.0 22.7 42.1#



#46

Tetrachloroethene

Concen: 0.470 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030270.D

Acq: 21 Mar 2019 17:03

Tgt Ion: 164 Resp: 1577

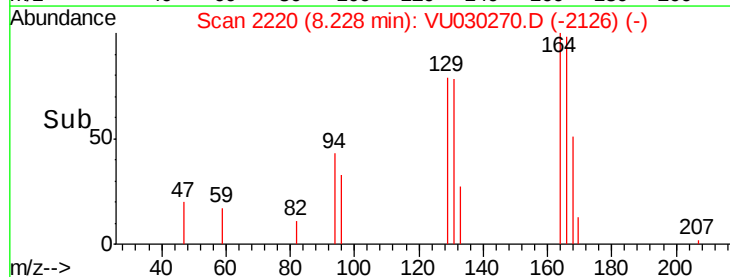
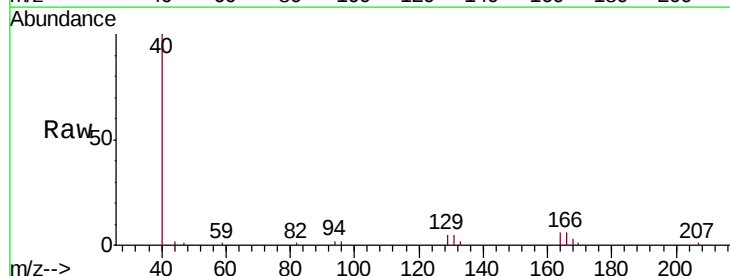
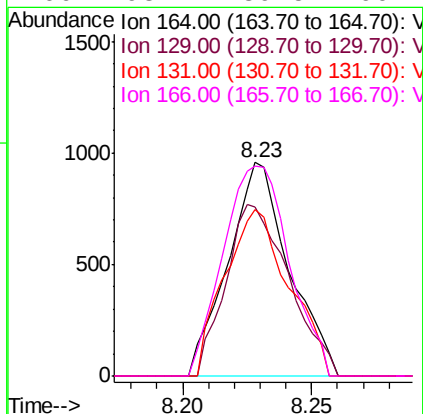
Ion Ratio Lower Upper

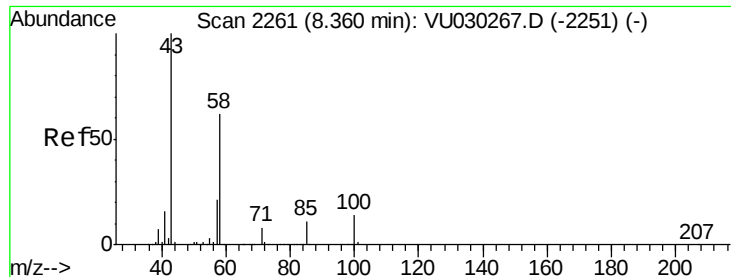
164 100

129 79.0 64.4 119.6

131 78.2 63.2 117.4

166 98.4 89.5 166.1

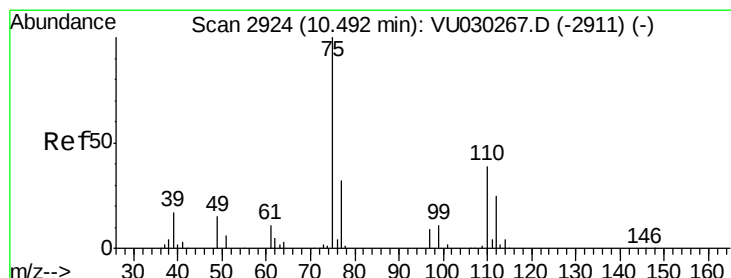
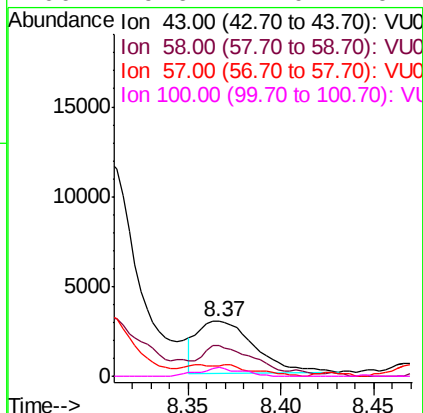
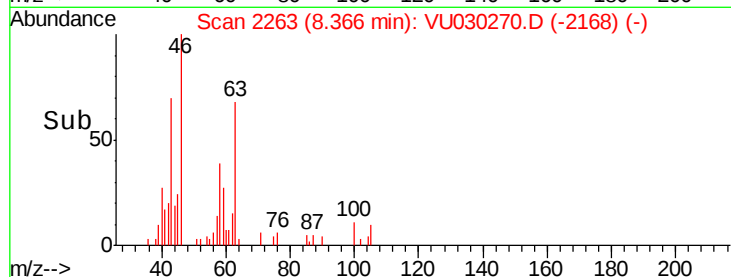
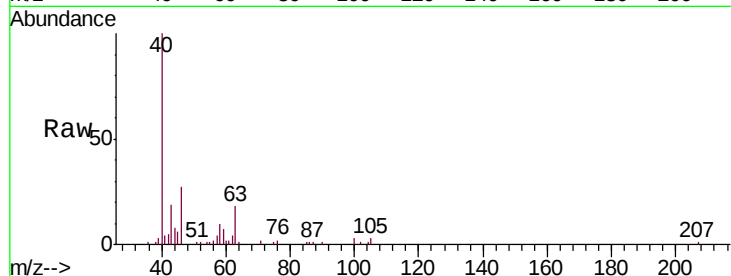




#48
2-Hexanone
Concen: 1.408 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030270.D
Acq: 21 Mar 2019 17:03

Instrument :
MSVOA_U
ClientSampleId :
BF5Y0

Tgt Ion: 43 Resp: 6201
Ion Ratio Lower Upper
43 100
58 51.3 49.3 73.9
57 3.2 17.0 25.4#
100 9.6 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.931 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030270.D
Acq: 21 Mar 2019 17:03

Tgt Ion: 75 Resp: 25724
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.8

