

Data File : VU030525.D
Acq On : 28 Mar 2019 19:22
Operator : JC/SP
Sample : K2101-12ME
Misc : 4.84mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B7ME

Quant Time: Mar 29 01:24:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234674	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	238849	56.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.80%
7) Chloroethane-d5	1.64	69	177289	52.82	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.64%
11) 1,1-Dichloroethene-d2	2.23	63	360087	44.82	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
21) 2-Butanone-d5	4.19	46	517076	129.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.88%
24) Chloroform-d	4.64	84	465549	63.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.60%#
26) 1,2-Dichloroethane-d4	5.30	65	322053	67.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.90%#
32) Benzene-d6	5.33	84	934300	62.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.08%#
36) 1,2-Dichloropropane-d6	6.32	67	338515	66.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.46%#
41) Toluene-d8	7.56	98	803518	59.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.78%
43) trans-1,3-Dichloropropene-	7.85	79	148880	61.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.88%
47) 2-Hexanone-d5	8.32	63	378051	136.49	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.49%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	528432	72.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	144.50%#
64) 1,2-Dichlorobenzene-d4	11.86	152	317283	67.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.96%#

Target Compounds

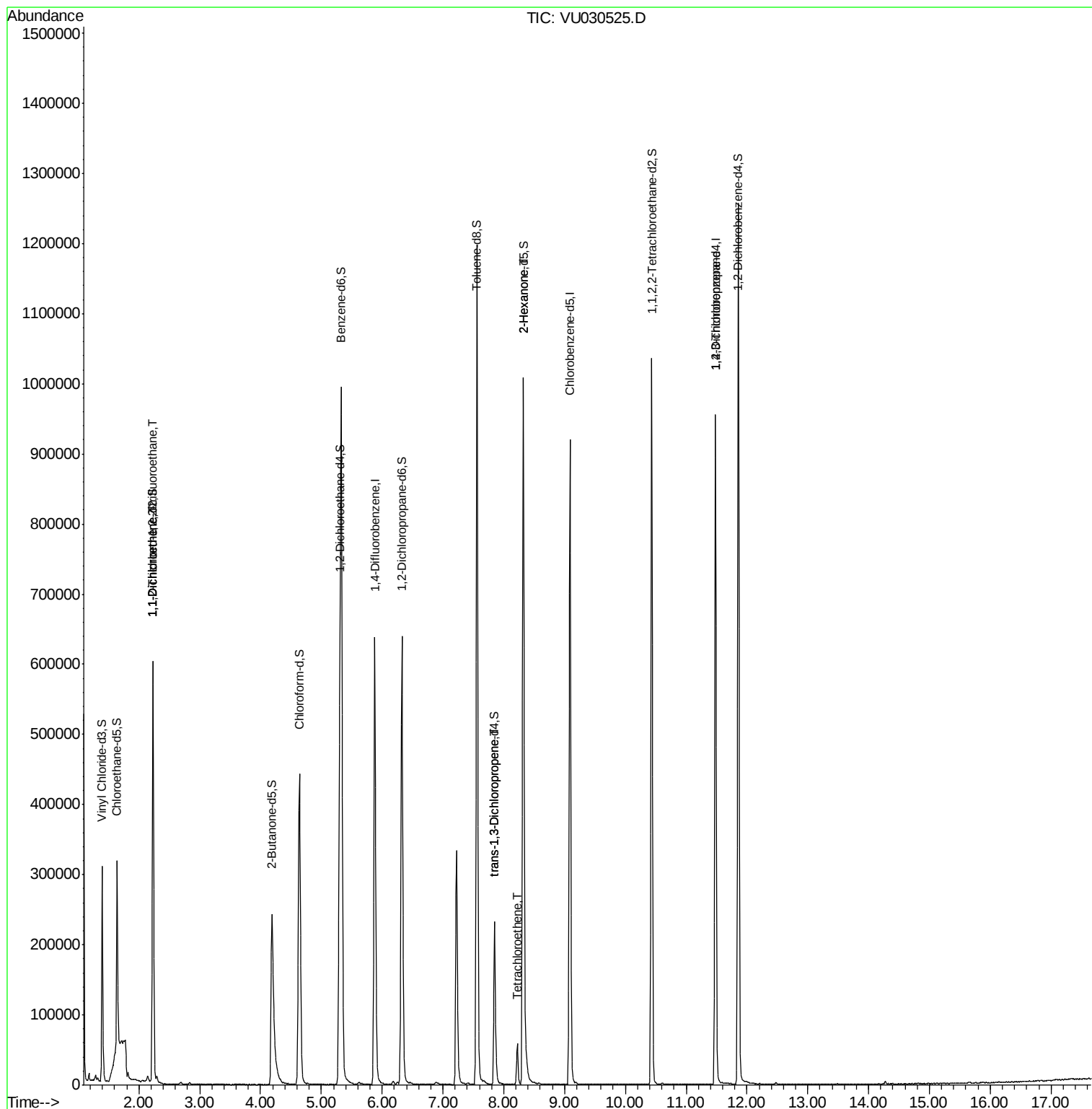
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2893	0.753 ug/L #	21
12) 1,1-Dichloroethene	2.24	96	2621	0.696 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	6043	0.949 ug/L	98
46) Tetrachloroethene	8.22	164	12944	4.251 ug/L	93
48) 2-Hexanone	8.32	43	48506	7.001 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	30929	5.049 ug/L	91

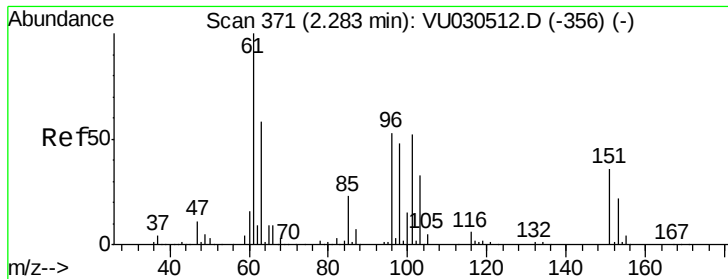
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.753 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU030525.D

Acq: 28 Mar 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

BF0B7ME

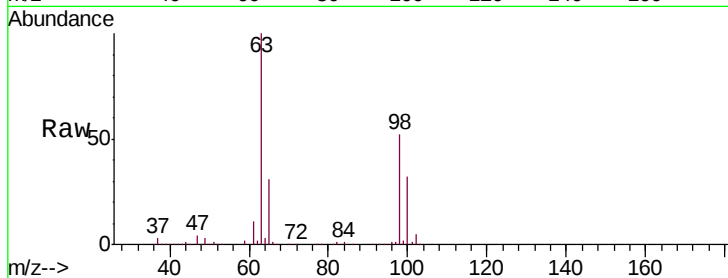
Tgt Ion: 101 Resp: 2893

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

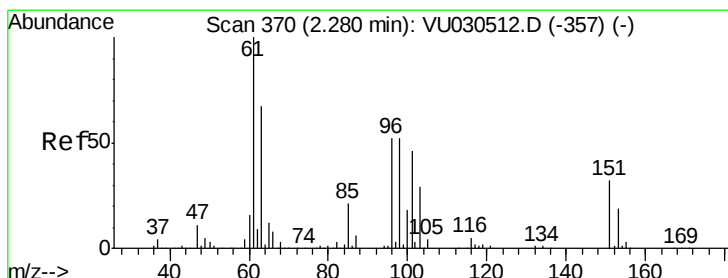
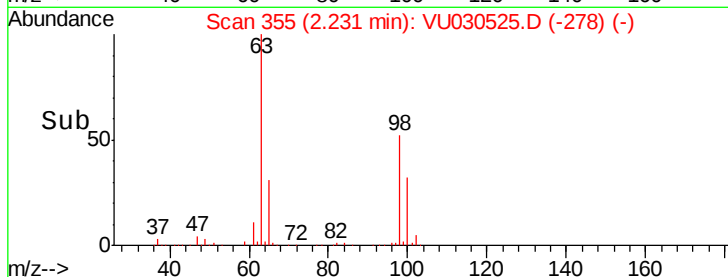
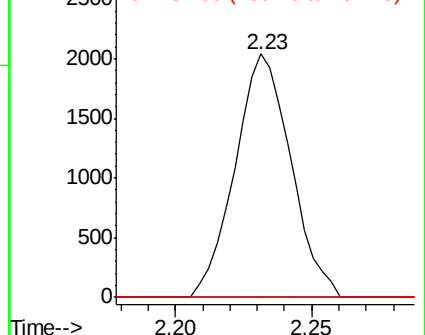
151 0.0 56.6 85.0#



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: 0.696 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030525.D

Acq: 28 Mar 2019 19:22

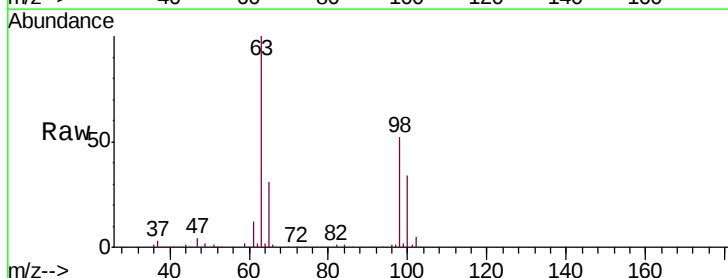
Tgt Ion: 96 Resp: 2621

Ion Ratio Lower Upper

96 100

61 1412.8 131.0 243.4#

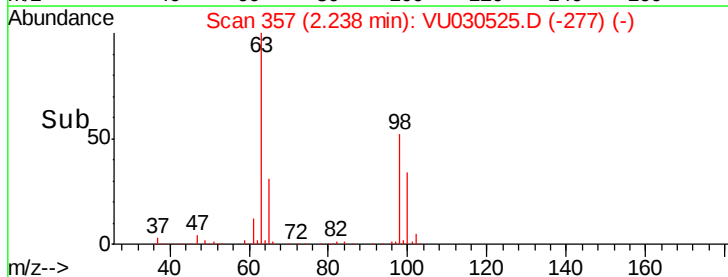
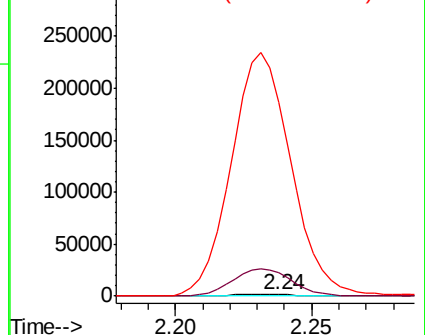
63 11893.9 92.4 171.6#

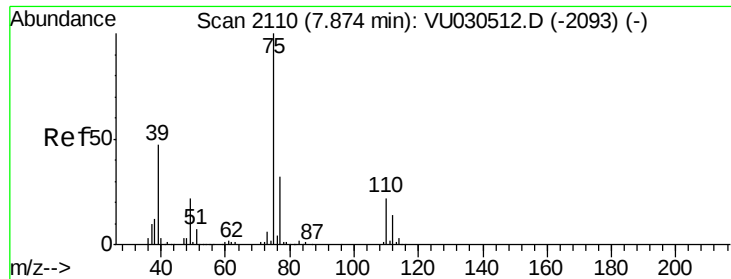


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

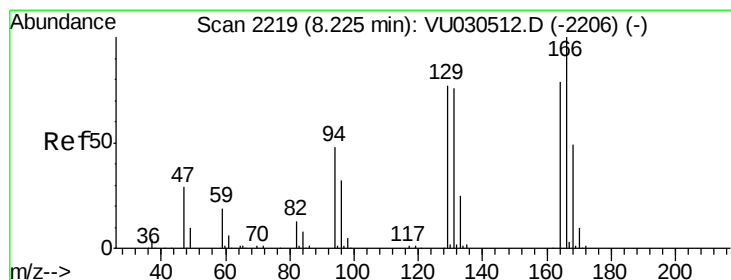
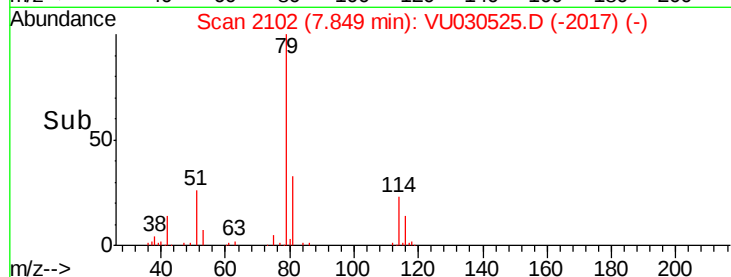
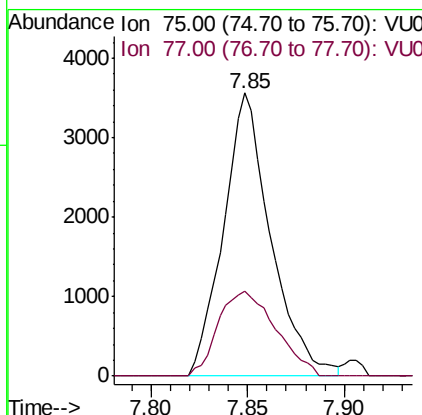
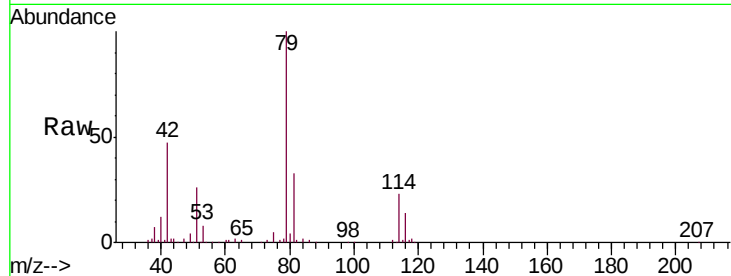




#44
trans-1,3-Dichloropropene
Concen: 0.949 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030525.D
Acq: 28 Mar 2019 19:22

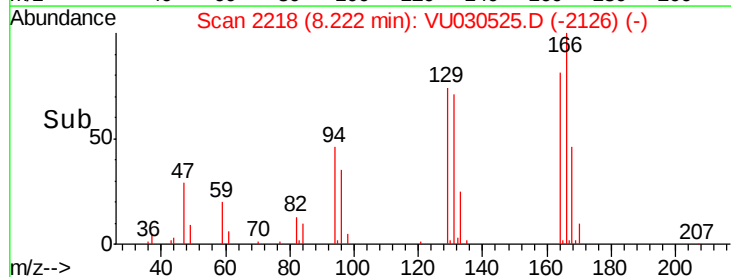
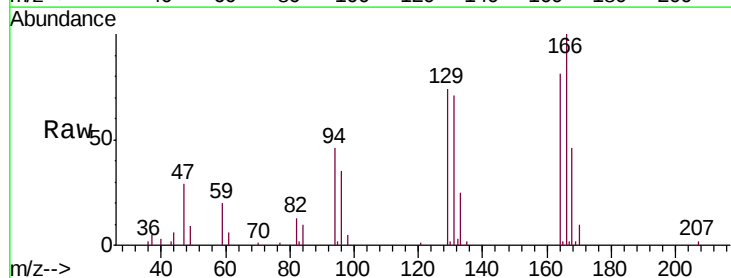
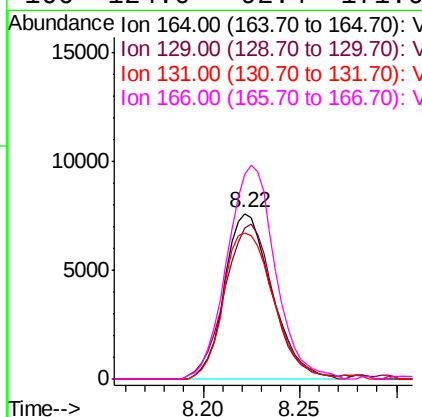
Instrument :
MSVOA_U
ClientSampleId :
BF0B7ME

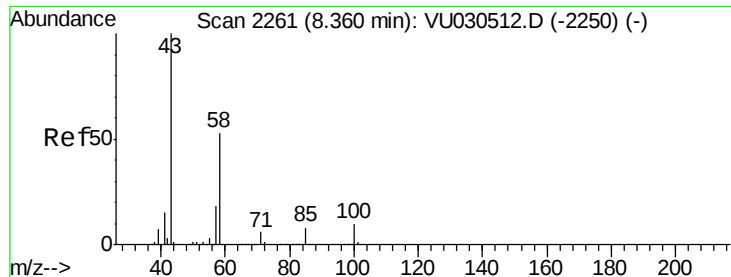
Tgt Ion: 75 Resp: 6043
Ion Ratio Lower Upper
75 100
77 30.2 22.0 40.8



#46
Tetrachloroethene
Concen: 4.251 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030525.D
Acq: 28 Mar 2019 19:22

Tgt Ion: 164 Resp: 12944
Ion Ratio Lower Upper
164 100
129 91.3 68.1 126.5
131 88.3 67.7 125.7
166 124.0 92.4 171.6

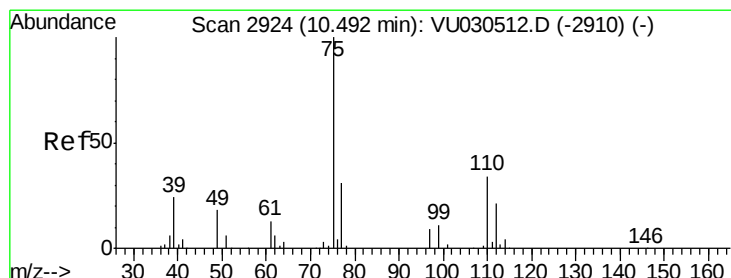
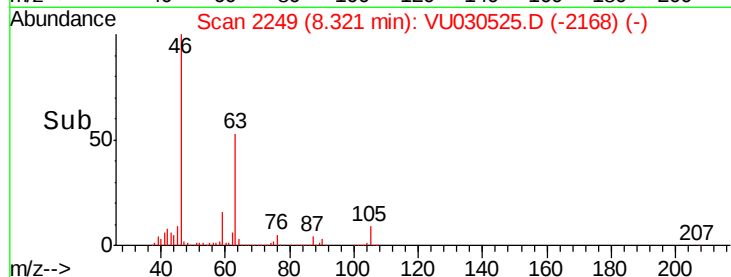
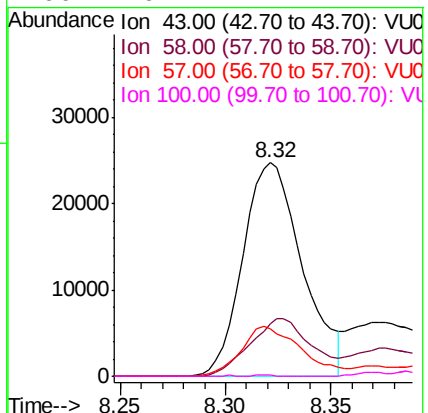
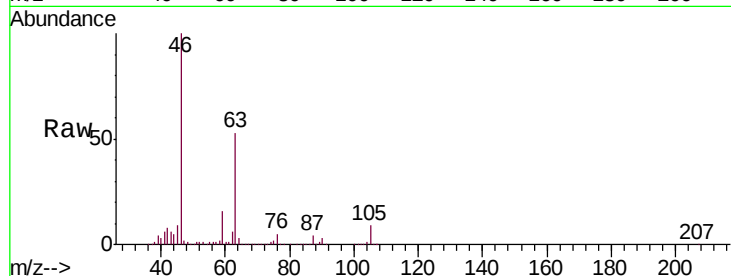




#48
 2-Hexanone
 Concen: 7.001 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030525.D
 Acq: 28 Mar 2019 19:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0B7ME

Tgt Ion: 43 Resp: 48506
 Ion Ratio Lower Upper
 43 100
 58 27.8 42.5 63.7#
 57 23.4 15.0 22.6#
 100 0.1 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.049 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030525.D
 Acq: 28 Mar 2019 19:22

Tgt Ion: 75 Resp: 30929
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.4 38.2

