

Data File : VU029616.D
Acq On : 22 Feb 2019 13:26
Operator : JC/SP
Sample : K1543-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y4

Quant Time: Feb 22 22:18:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220324	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147593	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.54%
7) Chloroethane-d5	1.68	69	132161	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	2.27	63	212438	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.17	46	251308	119.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.68%
24) Chloroform-d	4.65	84	269392	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.31	65	173104	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
32) Benzene-d6	5.34	84	571351	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.33	67	175686	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.62%
41) Toluene-d8	7.56	98	549674	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.85	79	81079	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.31	63	228391	118.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278575	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	230935	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

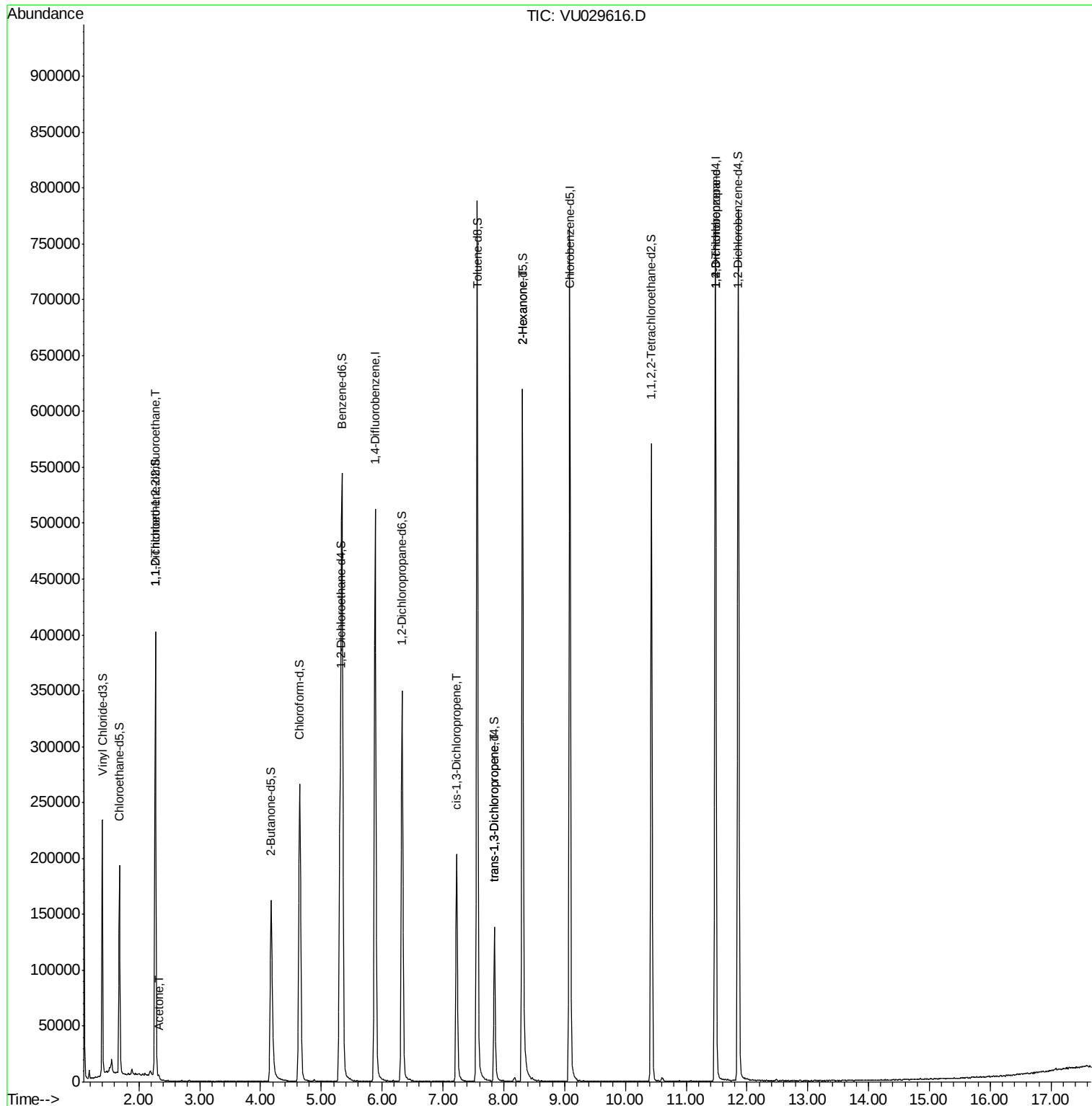
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2241	0.683	ug/L #	18
13) Acetone	2.32	43	1843	0.821	ug/L	86
39) cis-1,3-Dichloropropene	7.22	75	4874	0.983	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	3269	0.699	ug/L #	79
48) 2-Hexanone	8.31	43	22993	6.089	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21953	5.009	ug/L	92

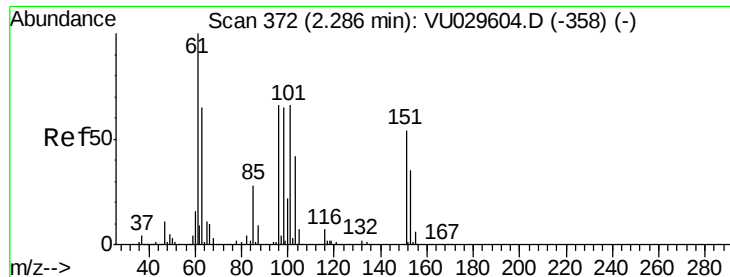
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.683 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF5Y4

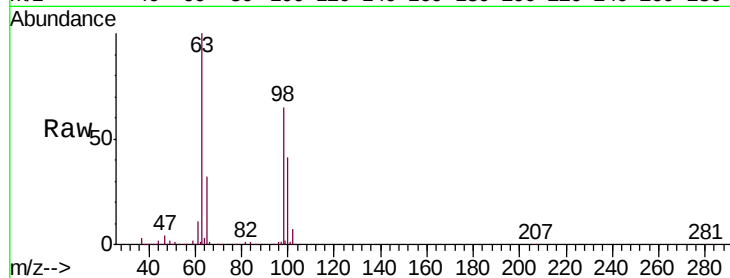
Tgt Ion: 101 Resp: 2241

Ion Ratio Lower Upper

101 100

85 1.8 33.0 49.6#

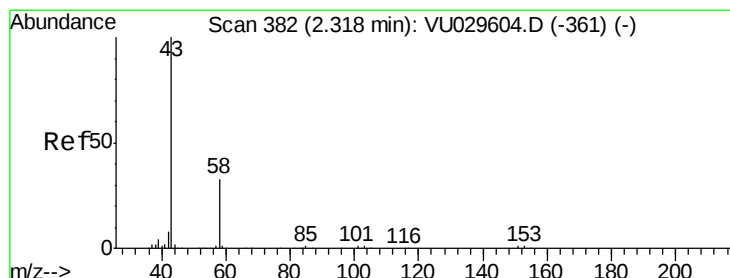
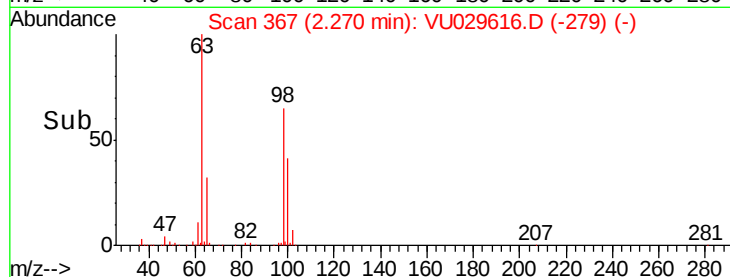
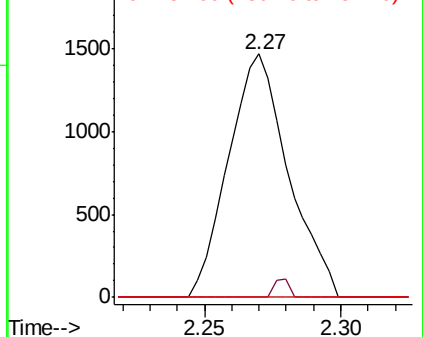
151 0.0 65.7 98.5#



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



#13

Acetone

Concen: 0.821 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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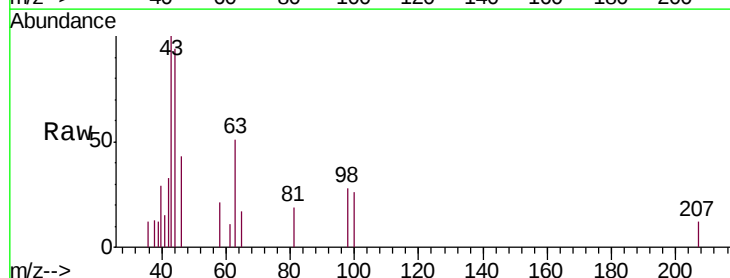
Acq: 22 Feb 2019 13:26

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

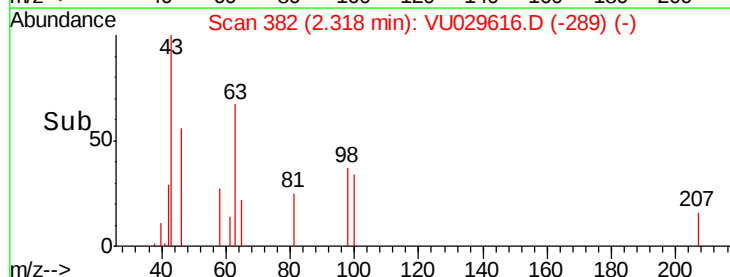
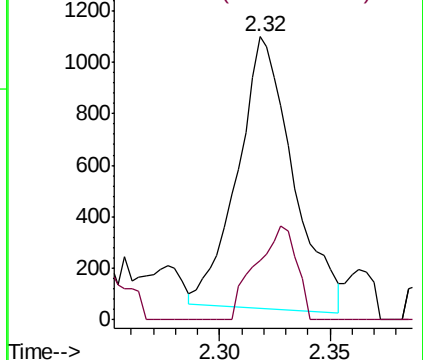
43 100

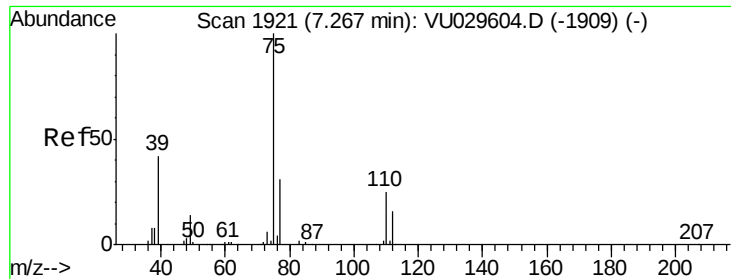
58 25.2 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

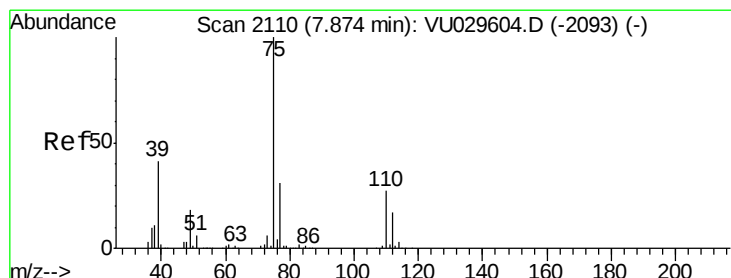
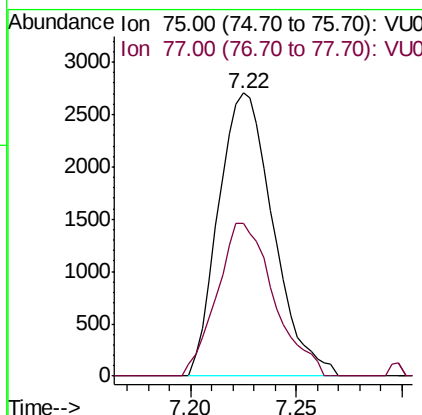
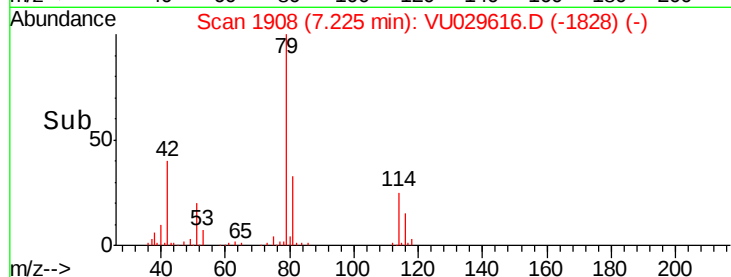
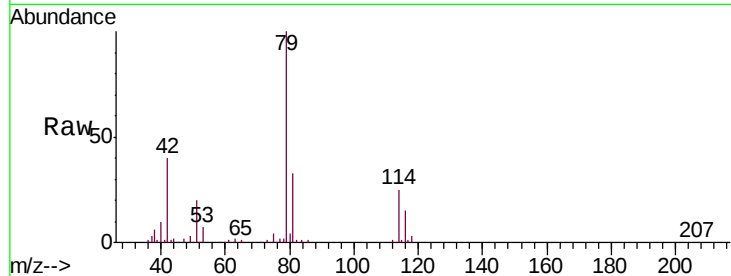




#39
 cis-1,3-Dichloropropene
 Concen: 0.983 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029616.D
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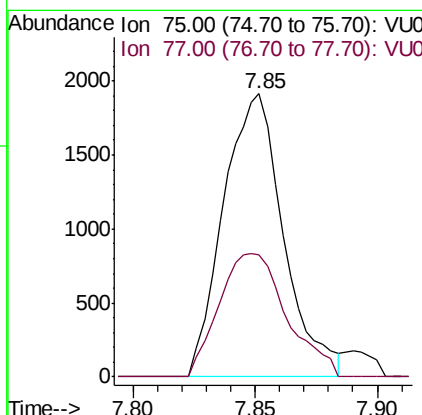
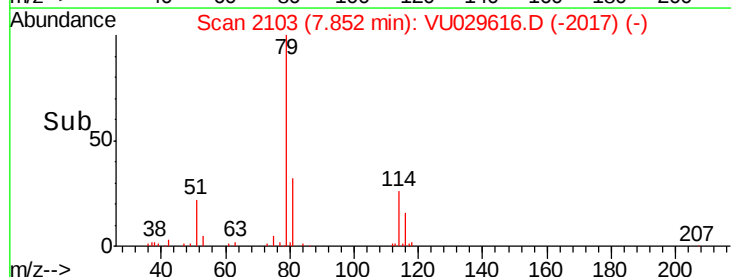
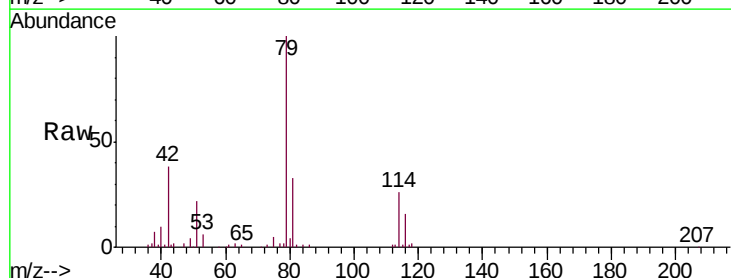
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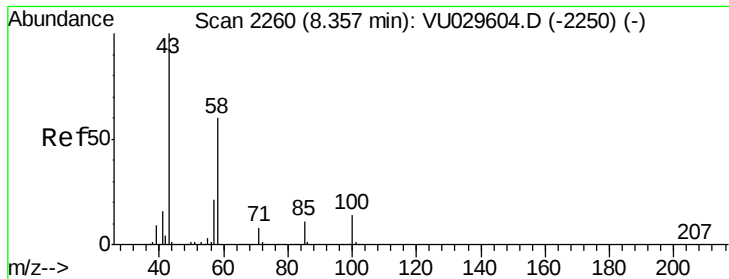
Tgt Ion: 75 Resp: 4874
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.699 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU029616.D
 Acq: 22 Feb 2019 13:26

Tgt Ion: 75 Resp: 3269
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.1 41.1#

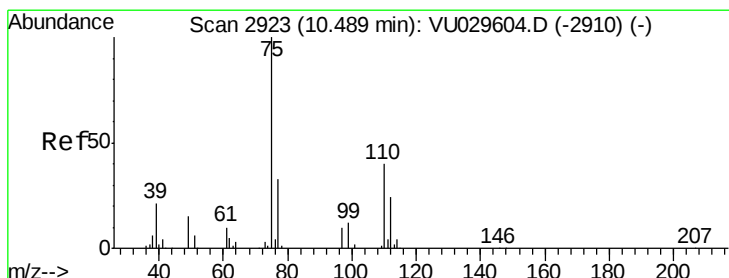
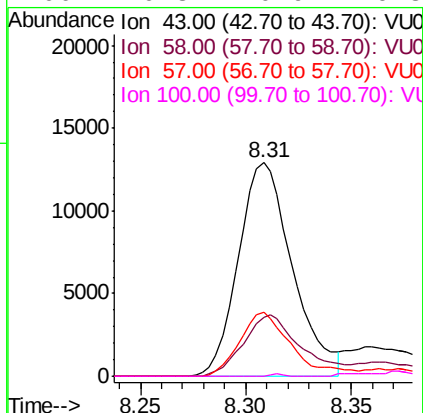
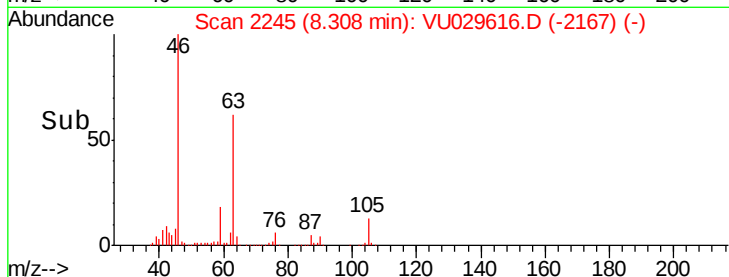
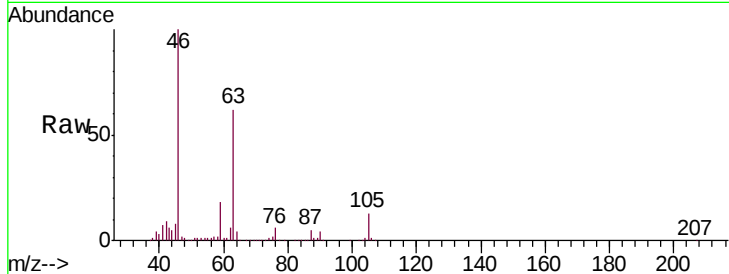




#48
 2-Hexanone
 Concen: 6.089 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029616.D
 Acq: 22 Feb 2019 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Y4

Tgt Ion: 43 Resp: 22993
 Ion Ratio Lower Upper
 43 100
 58 30.7 46.4 69.6#
 57 27.2 15.7 23.5#
 100 0.3 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.009 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029616.D
 Acq: 22 Feb 2019 13:26

Tgt Ion: 75 Resp: 21953
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.7 38.5

