

Data File : VU029663.D
Acq On : 25 Feb 2019 17:13
Operator : JC/SP
Sample : K1600-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Y7

Quant Time: Feb 26 00:17:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	476595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137486	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.74%
7) Chloroethane-d5	1.68	69	122956	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.27	63	194801	28.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.08%#
21) 2-Butanone-d5	4.17	46	202259	95.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.17%
24) Chloroform-d	4.65	84	243907	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	5.31	65	162271	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
32) Benzene-d6	5.34	84	550429	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.33	67	169216	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.56	98	521567	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.85	79	75825	41.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.42%
47) 2-Hexanone-d5	8.31	63	160026	82.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254615	43.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	217436	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

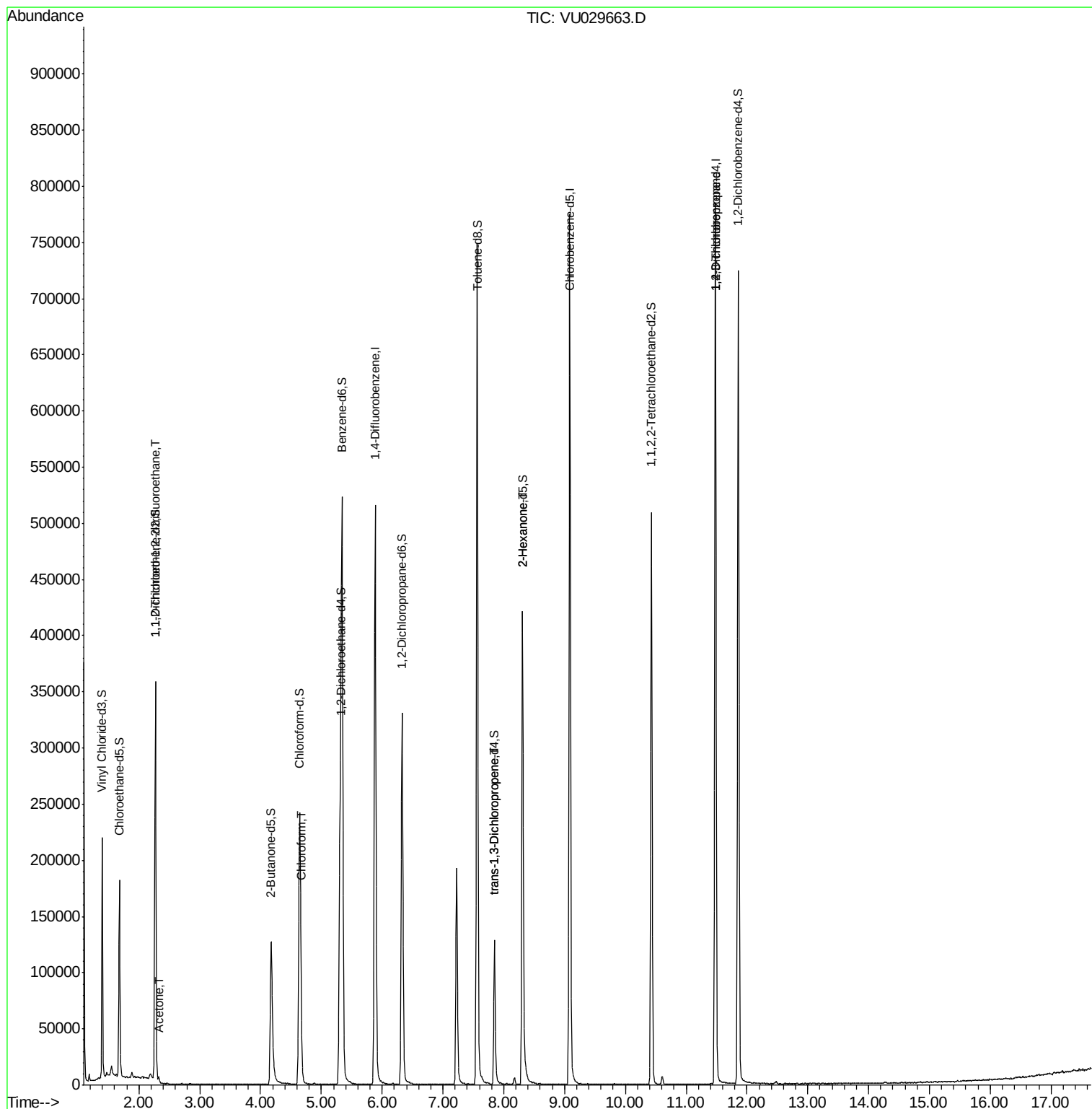
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2021	0.609	ug/L #	17
13) Acetone	2.32	43	2481	1.092	ug/L	81
25) Chloroform	4.67	83	14185	2.524	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3314	0.707	ug/L #	71
48) 2-Hexanone	8.31	43	15951	4.211	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	22746	5.173	ug/L	94

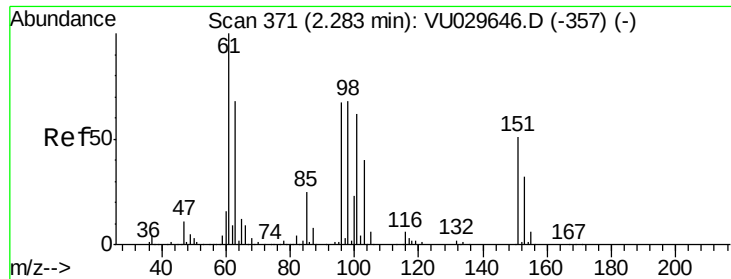
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.609 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BF7Y7

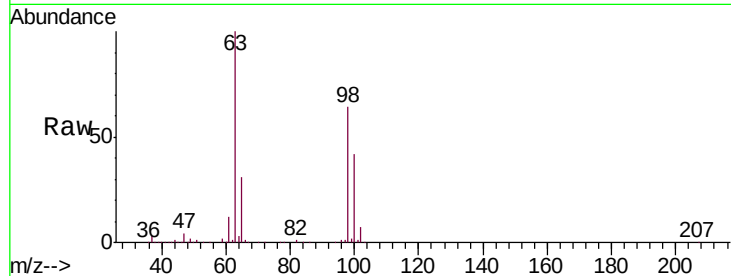
Tgt Ion:101 Resp: 2021

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

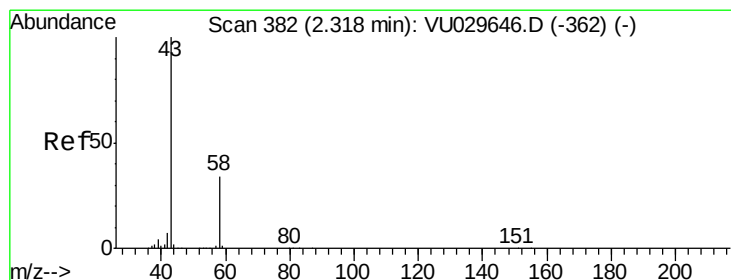
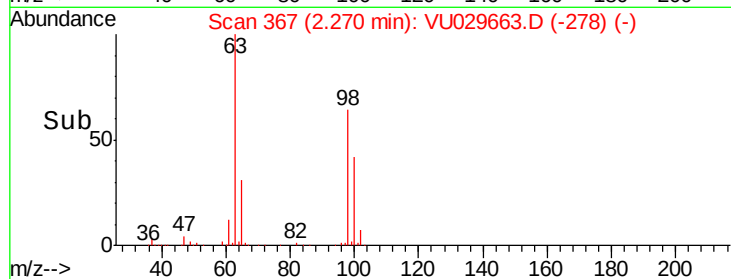
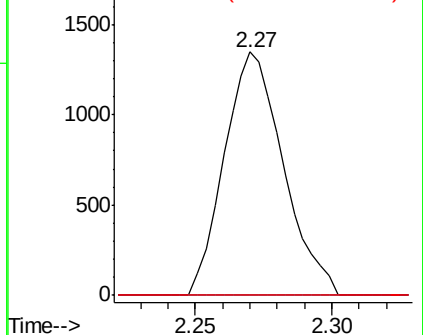
151 0.0 65.7 98.5#



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: 1.092 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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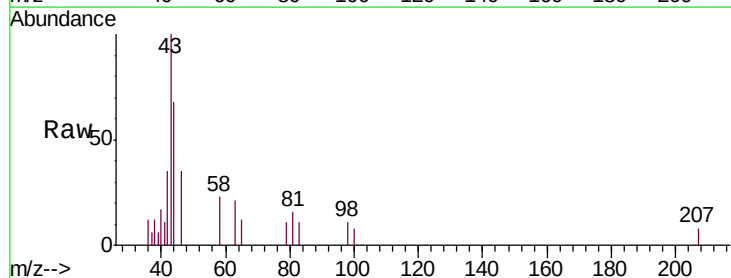
Acq: 25 Feb 2019 17:13

Tgt Ion: 43 Resp: 2481

Ion Ratio Lower Upper

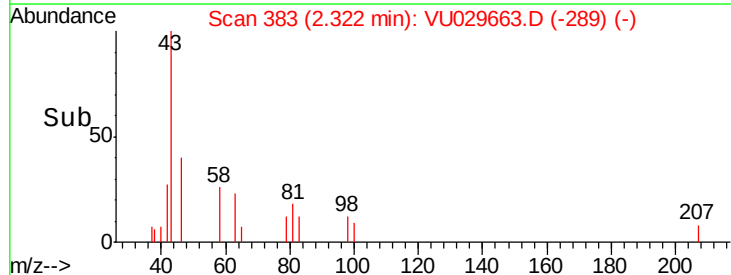
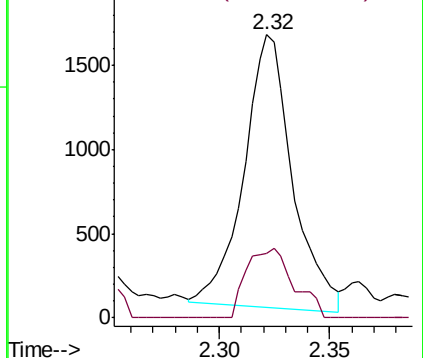
43 100

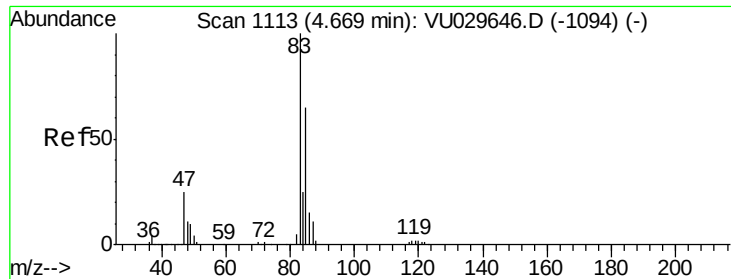
58 22.7 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

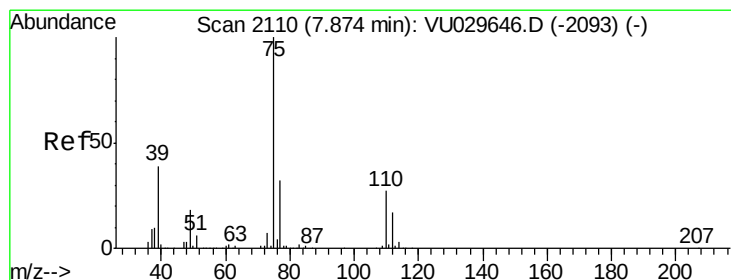
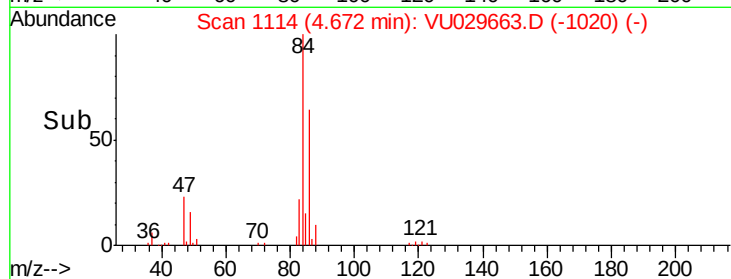
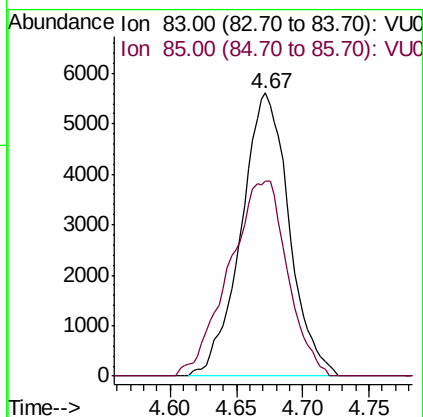
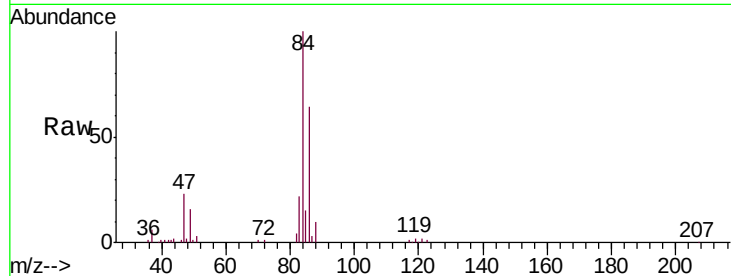




#25
Chloroform
Concen: 2.524 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
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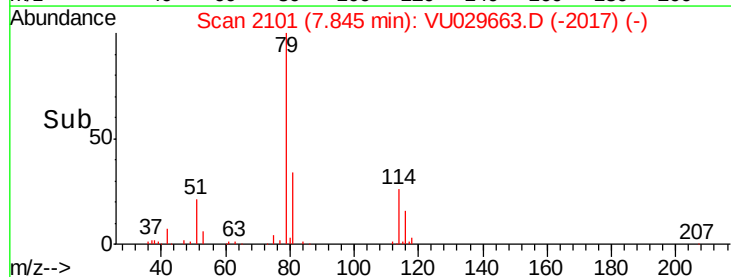
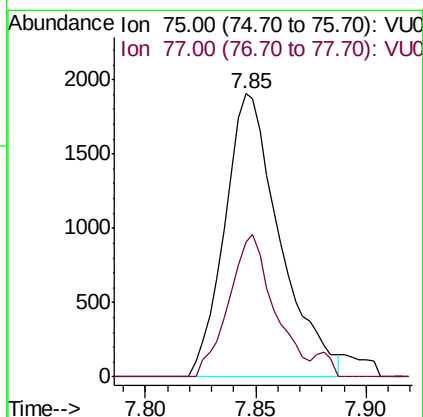
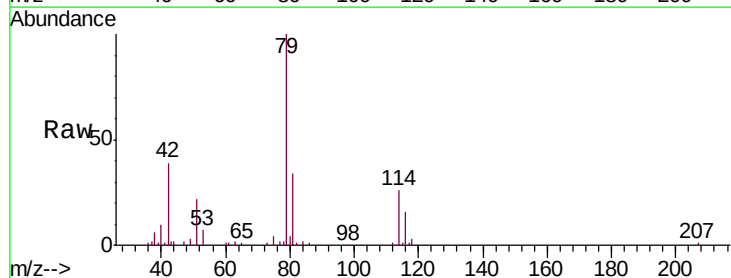
Instrument :
MSVOA_U
ClientSampleId :
BF7Y7

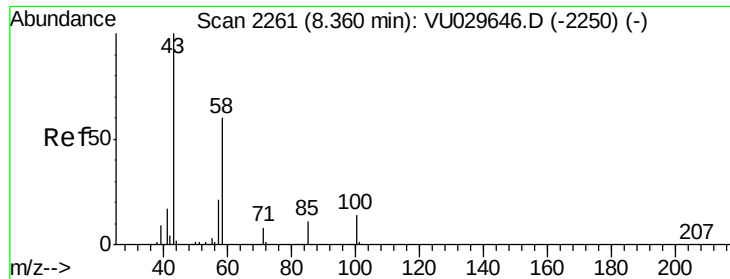
Tgt Ion: 83 Resp: 14185
Ion Ratio Lower Upper
83 100
85 69.1 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029663.D
Acq: 25 Feb 2019 17:13

Tgt Ion: 75 Resp: 3314
Ion Ratio Lower Upper
75 100
77 47.7 22.1 41.1#

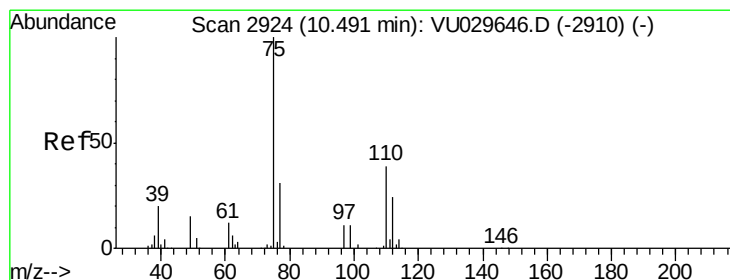
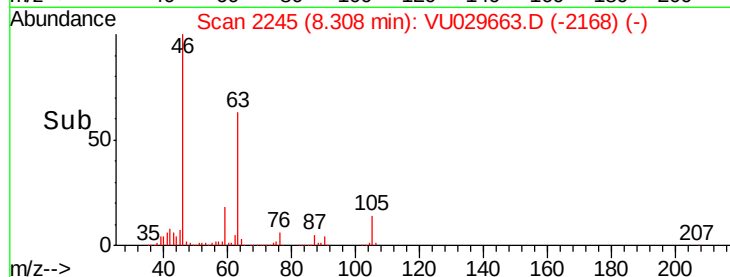
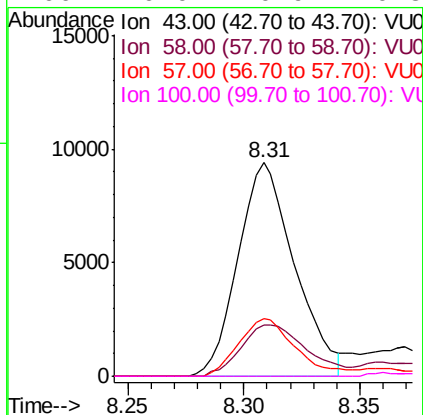
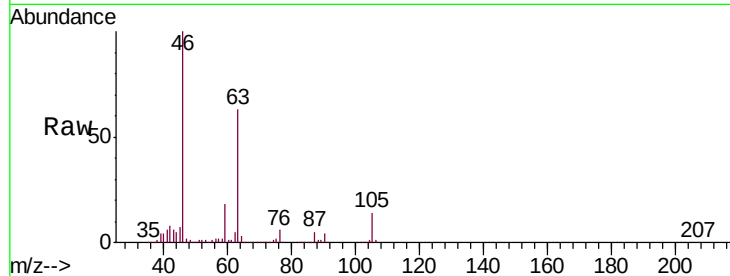




#48
 2-Hexanone
 Concen: 4.211 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029663.D
 Acq: 25 Feb 2019 17:13

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 MSVOA_U
 ClientSampleId :
 BF7Y7

Tgt Ion: 43 Resp: 15951
 Ion Ratio Lower Upper
 43 100
 58 28.4 46.4 69.6#
 57 27.5 15.7 23.5#
 100 0.0 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.173 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029663.D
 Acq: 25 Feb 2019 17:13

Tgt Ion: 75 Resp: 22746
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5

