

Data File : VU029618.D
Acq On : 22 Feb 2019 14:12
Operator : JC/SP
Sample : K1543-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y6

Quant Time: Feb 22 22:18:22 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	461650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145031	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.68	69	131376	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.27	63	203584	30.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.58%
21) 2-Butanone-d5	4.17	46	257917	125.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.29%
24) Chloroform-d	4.65	84	268766	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	171882	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.34	84	573047	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	174393	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.36%
41) Toluene-d8	7.56	98	538425	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	79821	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	234755	123.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285033	49.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	228338	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

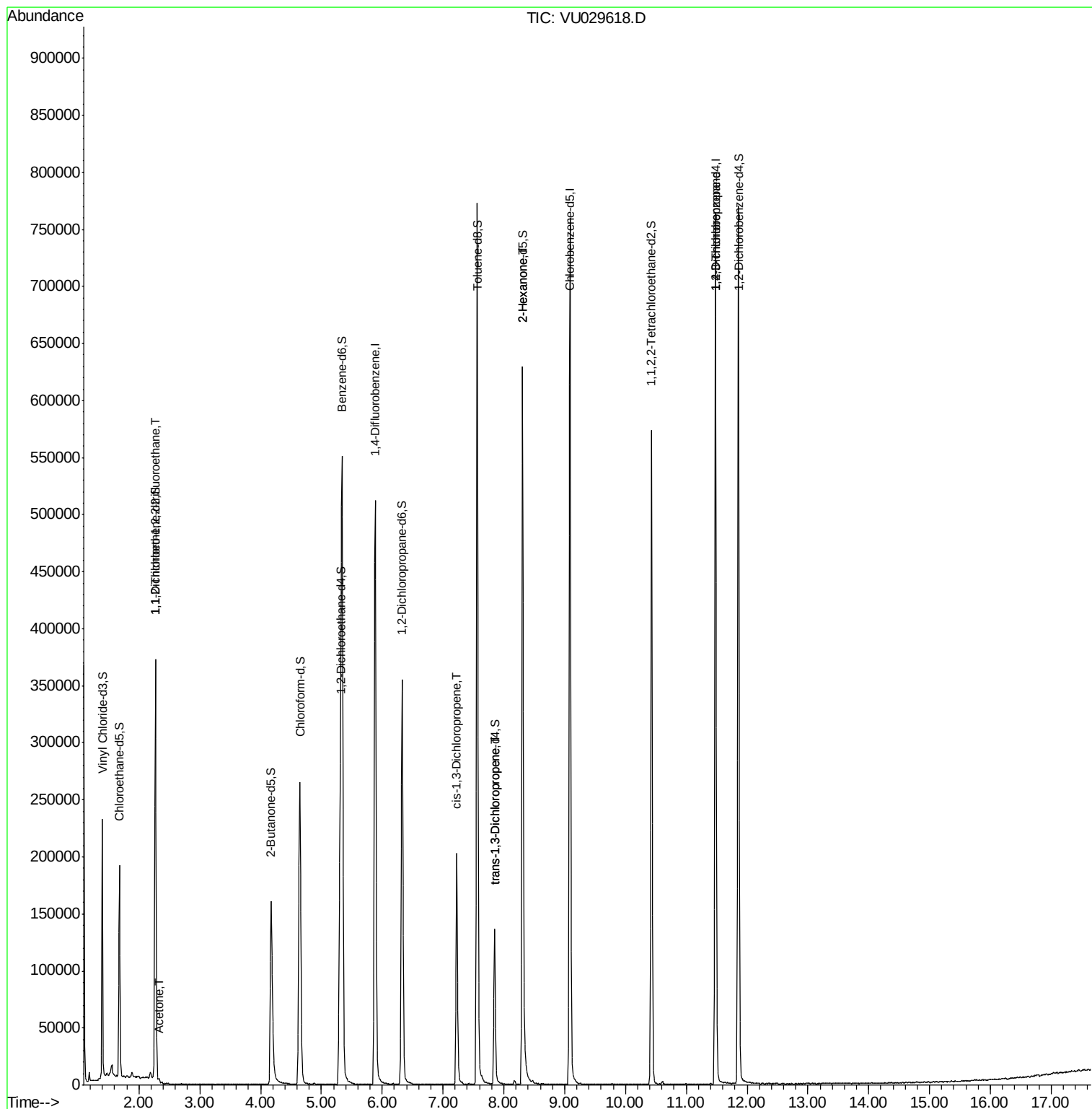
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2168	0.674	ug/L #	17
13) Acetone	2.32	43	2050	0.932	ug/L	84
39) cis-1,3-Dichloropropene	7.22	75	5054	1.034	ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	2997	0.651	ug/L #	73
48) 2-Hexanone	8.31	43	24303	6.531	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	22082	5.113	ug/L	92

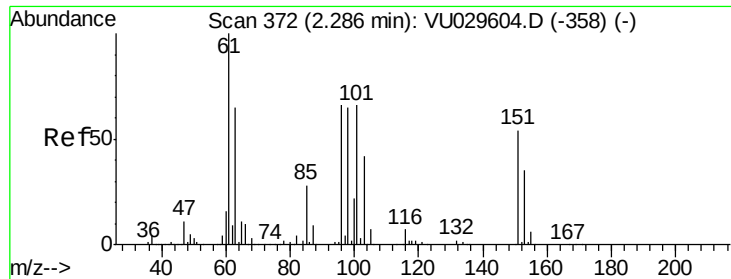
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.674 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BF5Y6

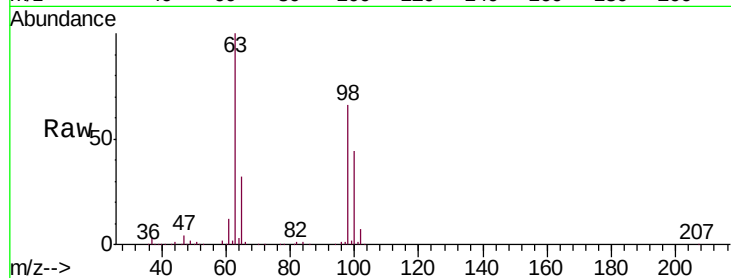
Tgt Ion:101 Resp: 2168

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

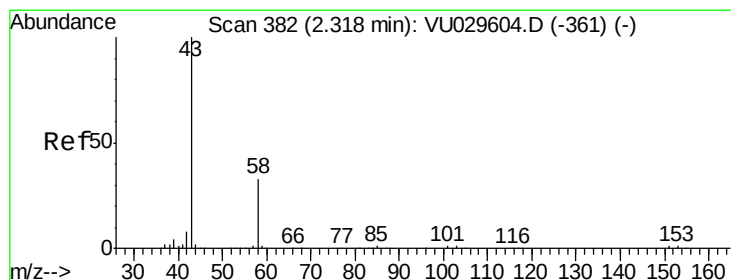
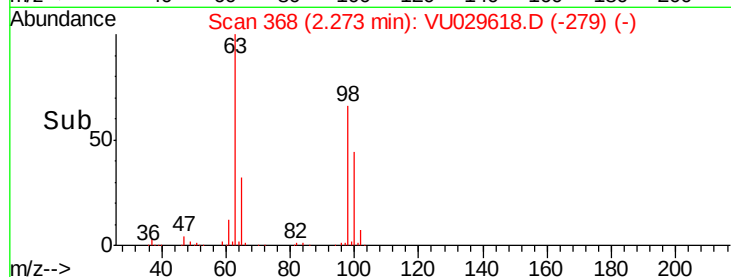
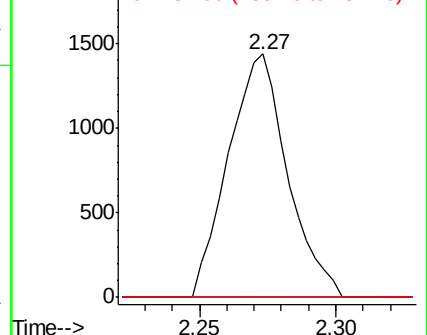
151 0.0 65.7 98.5#



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: 0.932 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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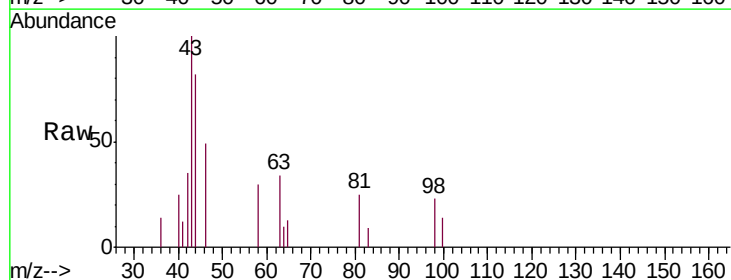
Acq: 22 Feb 2019 14:12

Tgt Ion: 43 Resp: 2050

Ion Ratio Lower Upper

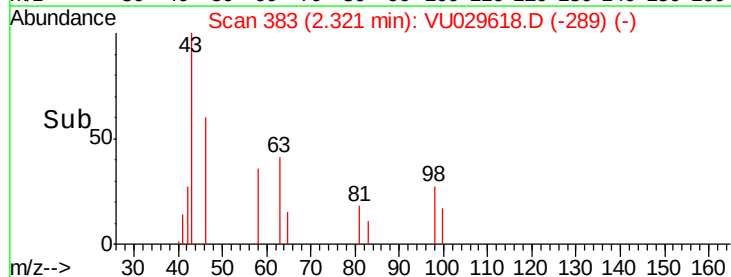
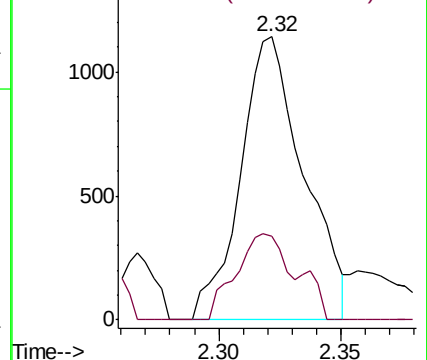
43 100

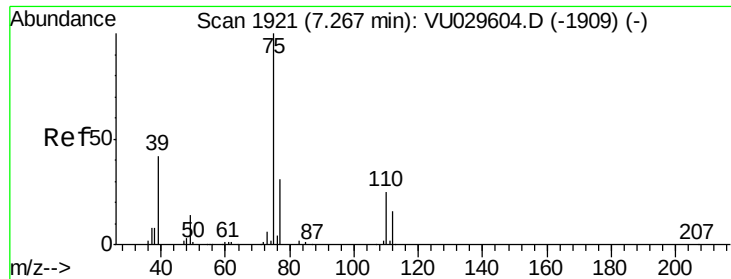
58 24.1 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

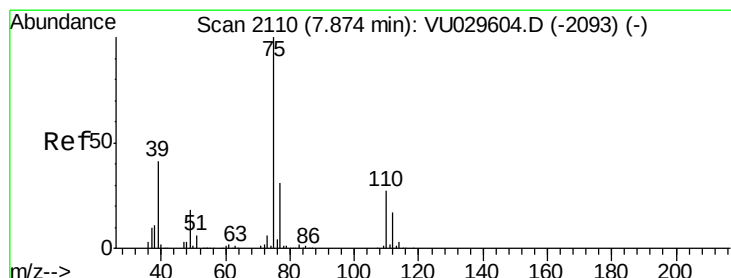
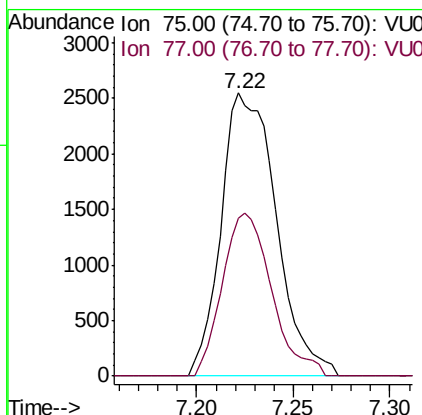
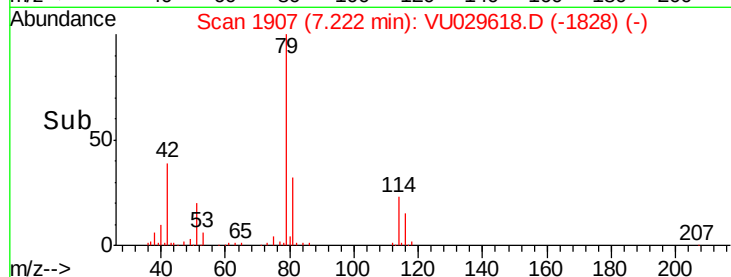
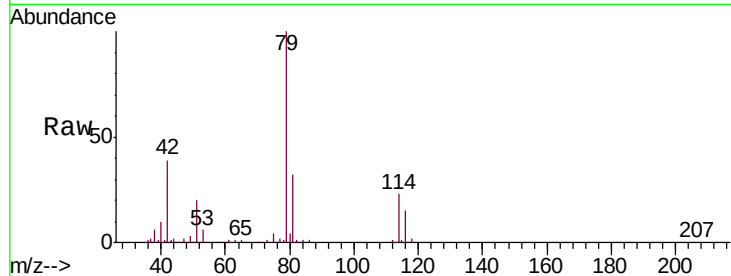




#39
 cis-1,3-Dichloropropene
 Concen: 1.034 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU029618.D
 Acq: 22 Feb 2019 14:12

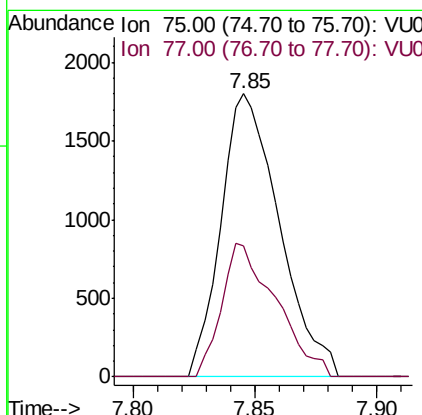
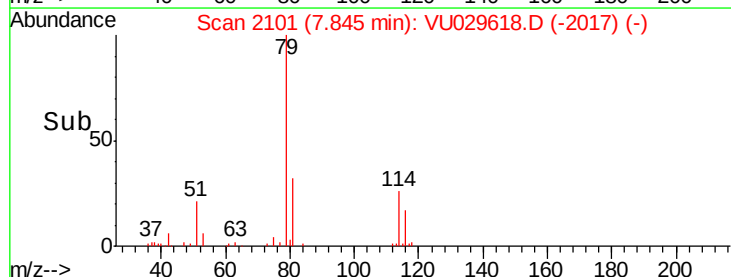
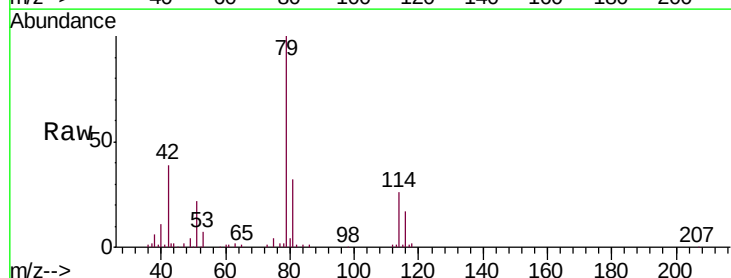
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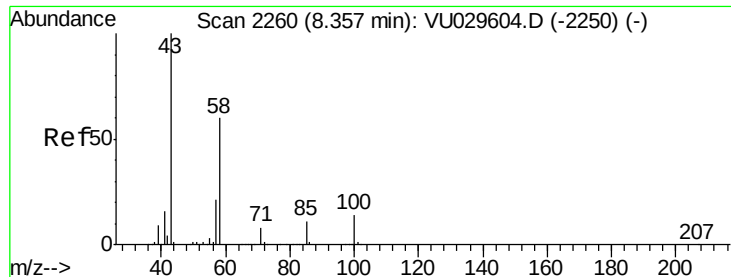
Tgt Ion: 75 Resp: 5054
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.651 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029618.D
 Acq: 22 Feb 2019 14:12

Tgt Ion: 75 Resp: 2997
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.1 41.1#

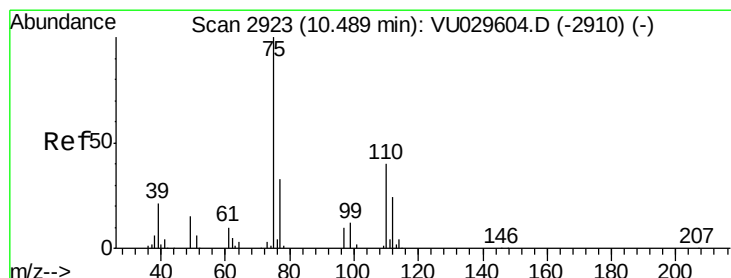
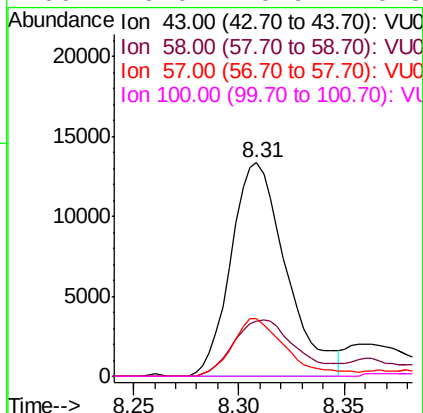
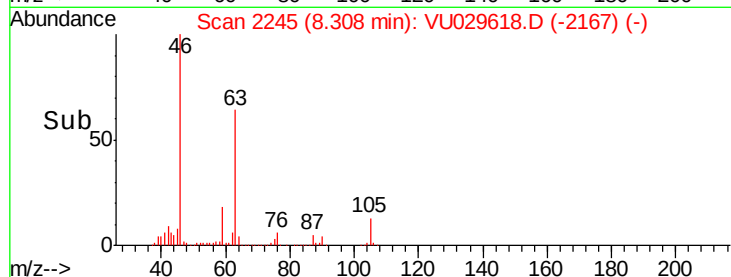
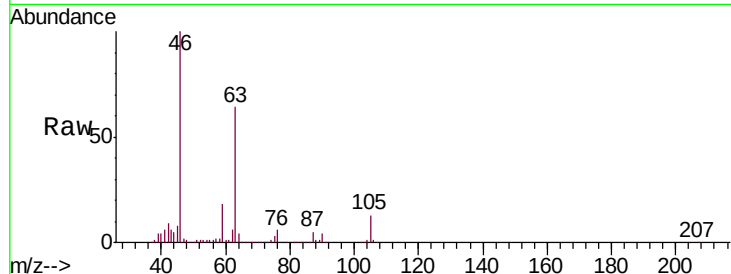




#48
2-Hexanone
Concen: 6.531 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029618.D
Acq: 22 Feb 2019 14:12

Instrument :
MSVOA_U
ClientSampleId :
BF5Y6

Tgt Ion: 43 Resp: 24303
Ion Ratio Lower Upper
43 100
58 30.4 46.4 69.6#
57 26.4 15.7 23.5#
100 0.0 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 5.113 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029618.D
Acq: 22 Feb 2019 14:12

Tgt Ion: 75 Resp: 22082
Ion Ratio Lower Upper
75 100
77 36.3 25.7 38.5

