

Data File : VU033221.D
Acq On : 12 Jul 2019 14:59
Operator : JC/SP
Sample : K3760-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8X2

Quant Time: Jul 13 00:11:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	311228	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	306112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138866	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127737	54.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.44%
7) Chloroethane-d5	1.67	69	110587	54.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.88%
11) 1,1-Dichloroethene-d2	2.26	63	167852	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
21) 2-Butanone-d5	4.15	46	158729	106.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.33%
24) Chloroform-d	4.62	84	202930	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.28	65	136572	53.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.86%
32) Benzene-d6	5.32	84	421126	56.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.16%
36) 1,2-Dichloropropane-d6	6.31	67	134178	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.56%
41) Toluene-d8	7.55	98	382445	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%
43) trans-1,3-Dichloropropene-	7.83	79	64193	54.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.84%
47) 2-Hexanone-d5	8.29	63	121405	111.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191930	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	141167	57.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

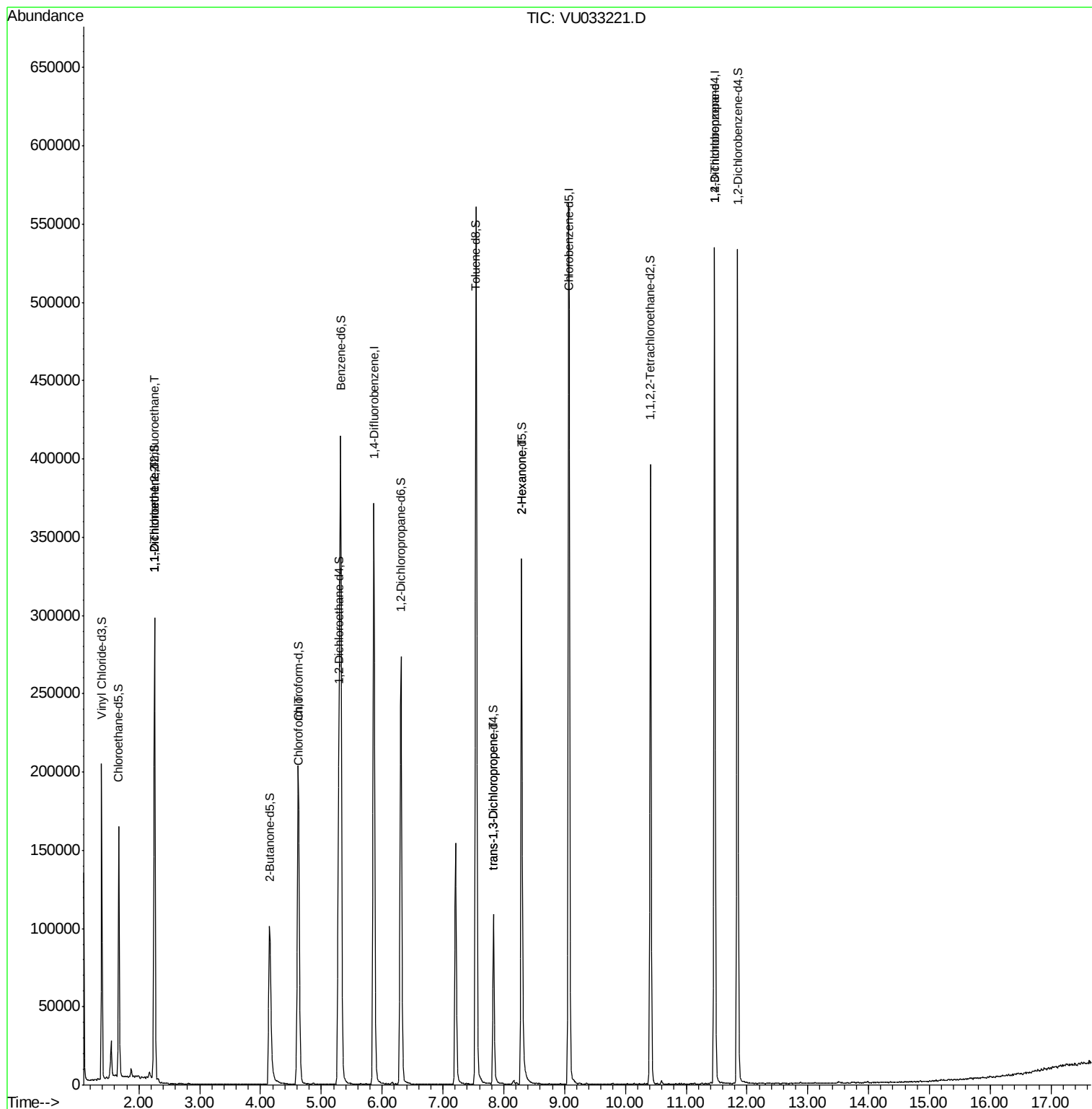
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1708	0.804 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1396	0.672 ug/L #	1
25) Chloroform	4.64	83	4102	0.935 ug/L	87
44) trans-1,3-Dichloropropene	7.83	75	2900	0.866 ug/L	98
48) 2-Hexanone	8.29	43	12933	4.888 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	17202	5.458 ug/L	91

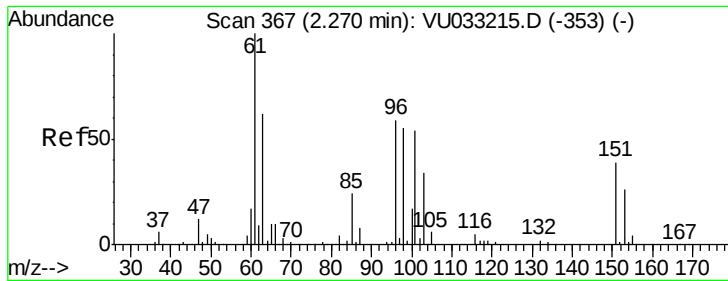
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.804 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

DB8X2

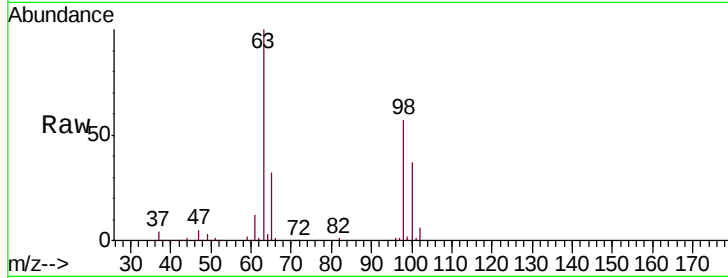
Tgt Ion: 101 Resp: 1708

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

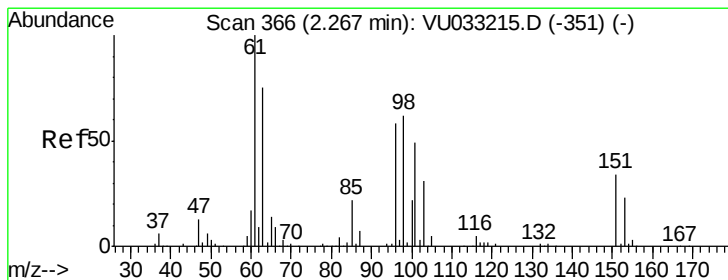
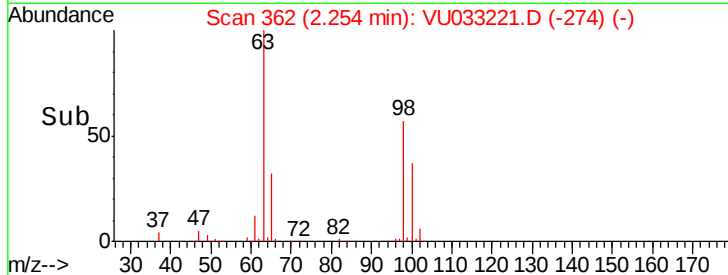
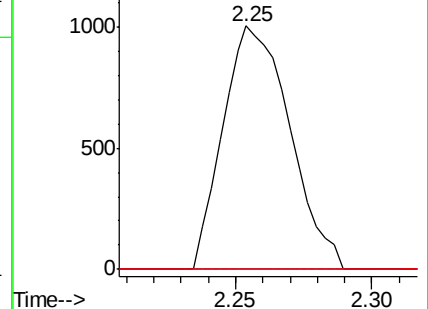
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VUC

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.672 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033221.D

Acq: 12 Jul 2019 14:59

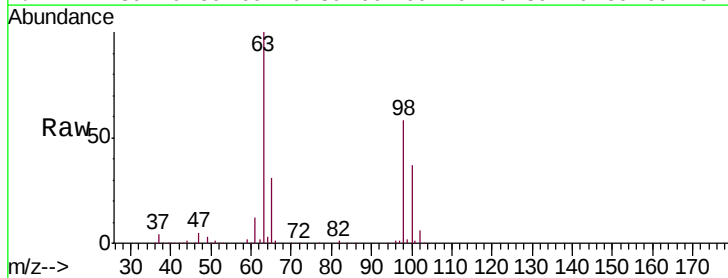
Tgt Ion: 96 Resp: 1396

Ion Ratio Lower Upper

96 100

61 1612.9 126.1 234.1#

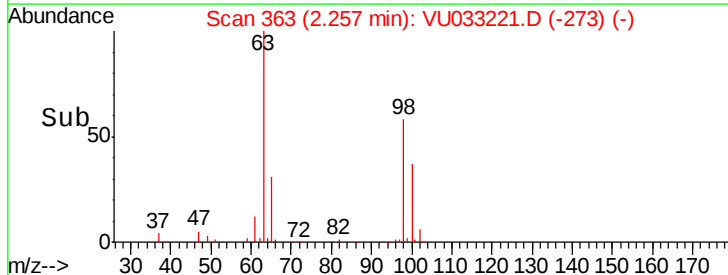
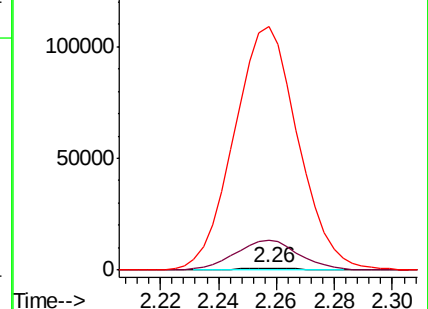
63 13016.0 96.8 179.8#

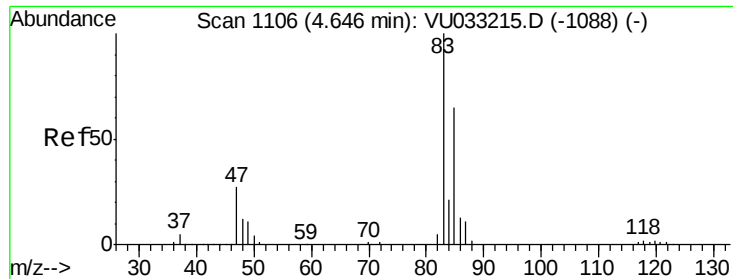


Abundance Ion 96.00 (95.70 to 96.70): VUC

Ion 61.00 (60.70 to 61.70): VUC

Ion 63.00 (62.70 to 63.70): VUC

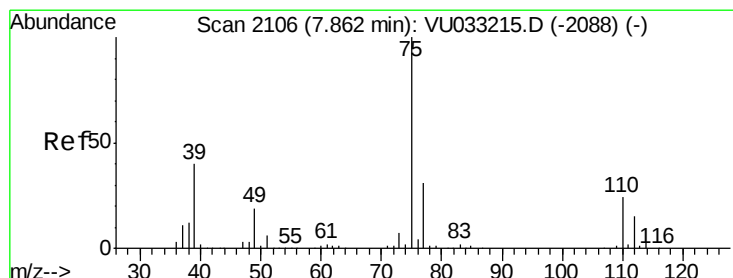
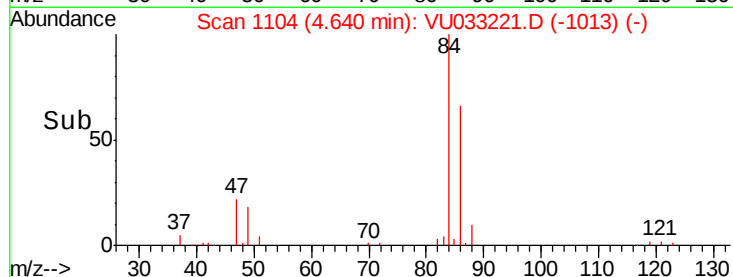
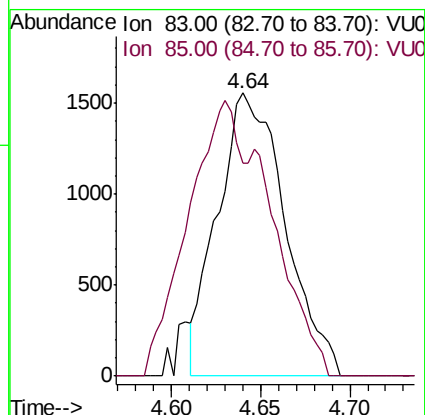
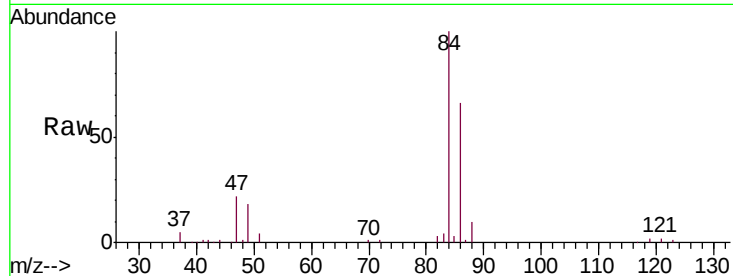




#25
Chloroform
Concen: 0.935 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. -0.01 min
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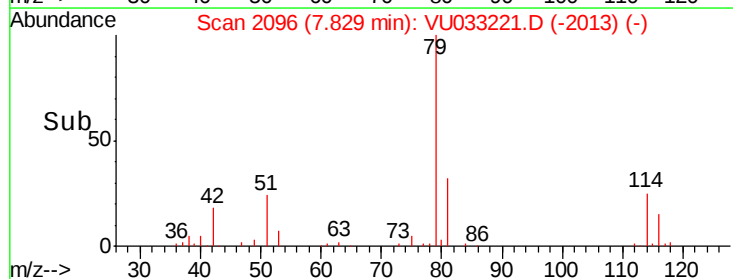
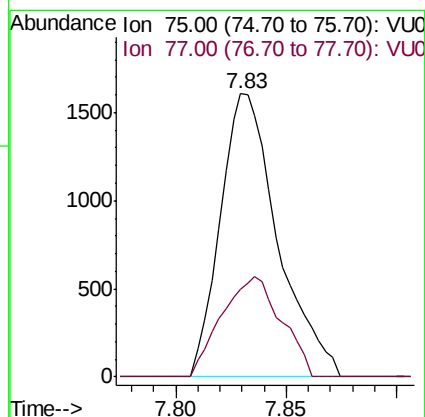
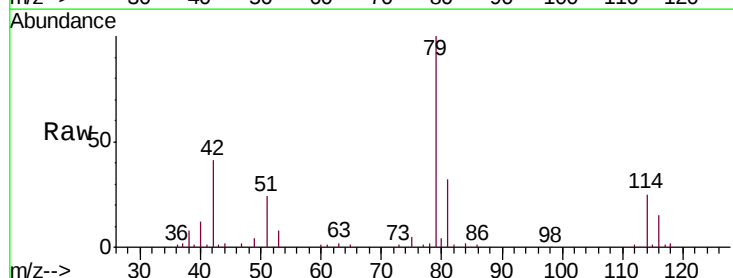
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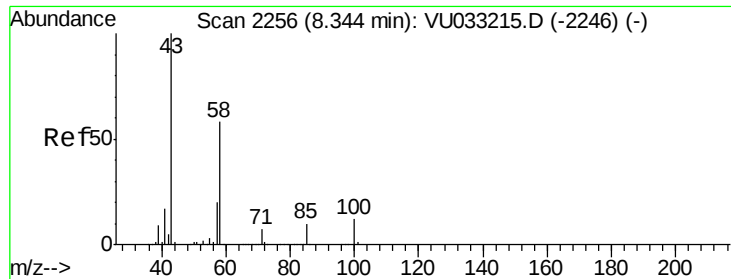
Tgt Ion: 83 Resp: 4102
Ion Ratio Lower Upper
83 100
85 75.2 45.4 84.4



#44
trans-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033221.D
Acq: 12 Jul 2019 14:59

Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6

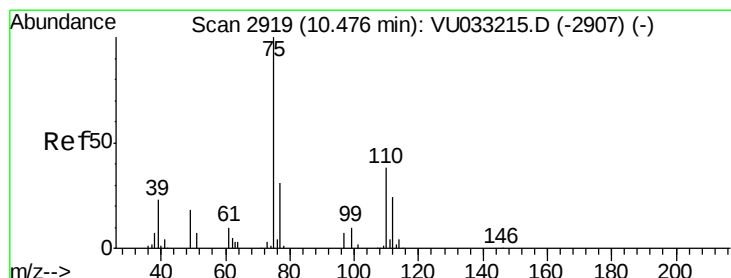
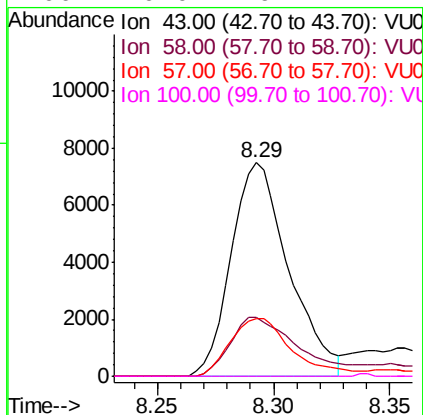
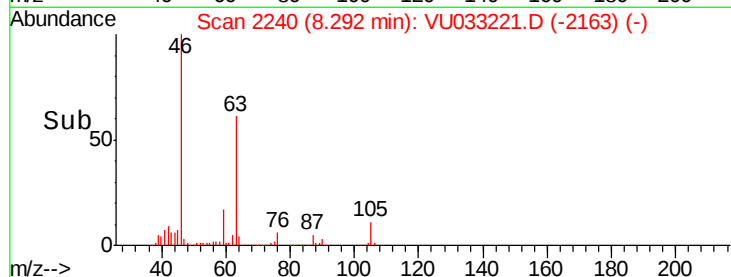
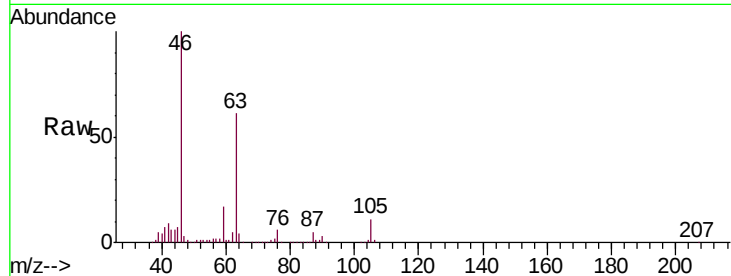




#48
 2-Hexanone
 Concen: 4.888 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033221.D
 Acq: 12 Jul 2019 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2

Tgt Ion: 43 Resp: 12933
 Ion Ratio Lower Upper
 43 100
 58 33.1 46.1 69.1#
 57 29.1 15.8 23.8#
 100 0.0 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.458 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033221.D
 Acq: 12 Jul 2019 14:59

Tgt Ion: 75 Resp: 17202
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.0 39.0

