

Data File : VU031907.D
Acq On : 10 May 2019 22:42
Operator : JC/SP
Sample : K2741-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH0

Quant Time: May 11 02:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	984026	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1005162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	371222	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	369191	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.66%
7) Chloroethane-d5	1.77	69	213	0.03	ug/L	0.10
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.27	63	525034	32.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.02%
21) 2-Butanone-d5	4.17	46	651736	87.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.34%
24) Chloroform-d	4.64	84	689853	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.31	65	458454	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.34	84	1401401	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.32	67	475111	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.56	98	1208242	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	185282	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.31	63	416656	88.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	675070	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	391164	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

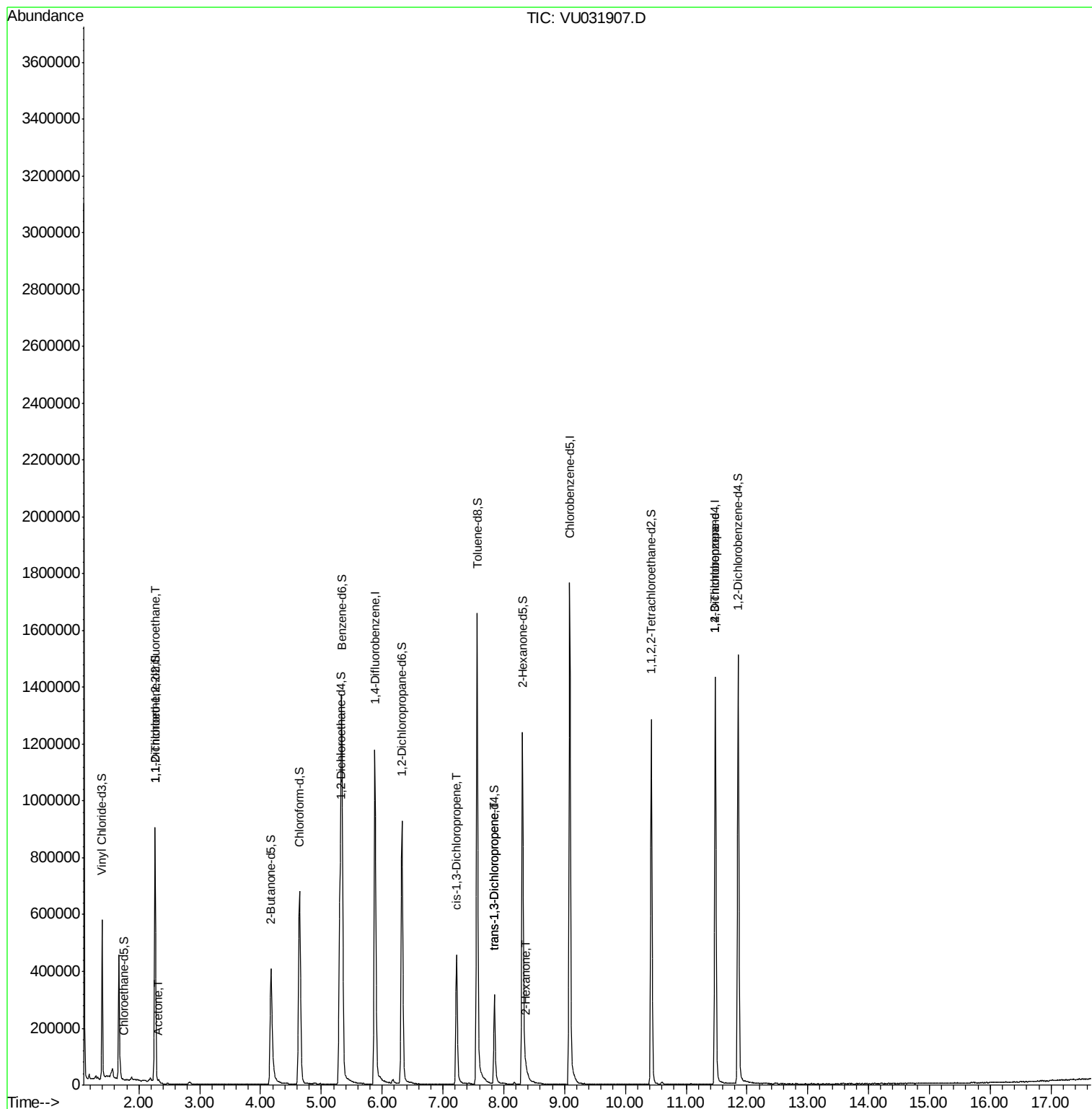
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5049	0.640	ug/L #	25
13) Acetone	2.32	43	5268	0.627	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	10981	0.792	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	7298	0.580	ug/L #	65
48) 2-Hexanone	8.37	43	29429	2.254	ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	49601	3.988	ug/L	94

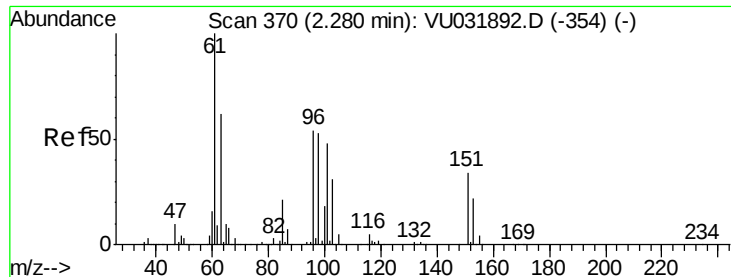
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.640 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHH0

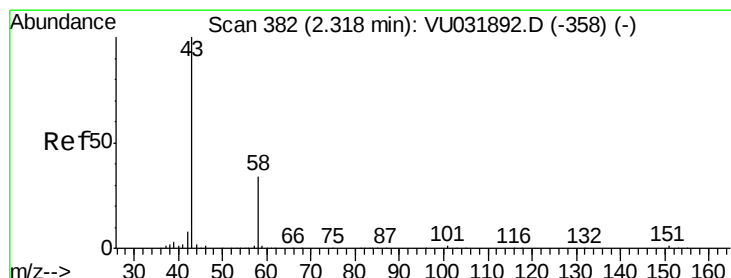
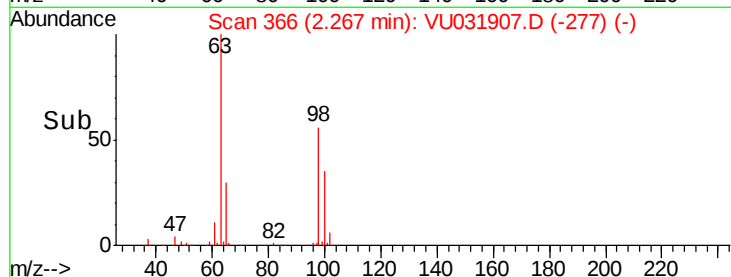
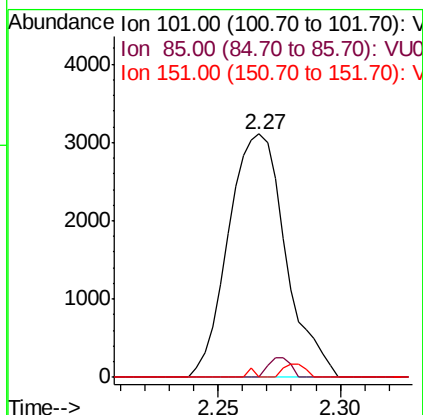
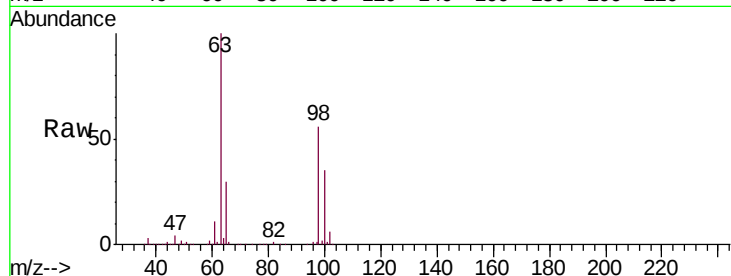
Tgt Ion:101 Resp: 5049

Ion Ratio Lower Upper

101 100

85 3.1 36.1 54.1#

151 2.2 56.1 84.1#



#13

Acetone

Concen: 0.627 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031907.D

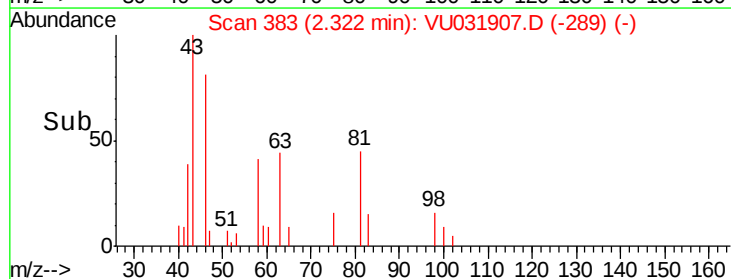
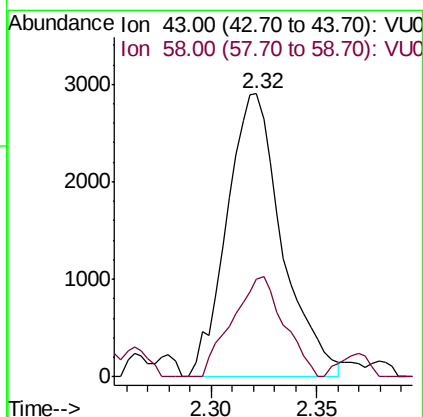
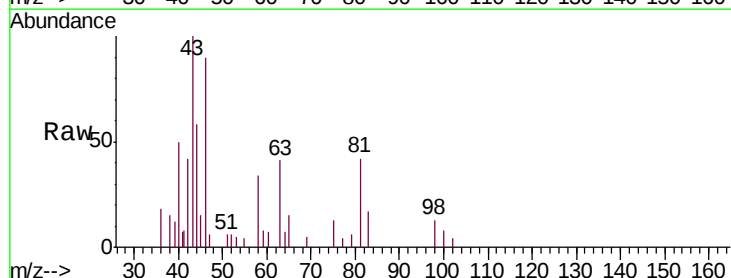
Acq: 10 May 2019 22:42

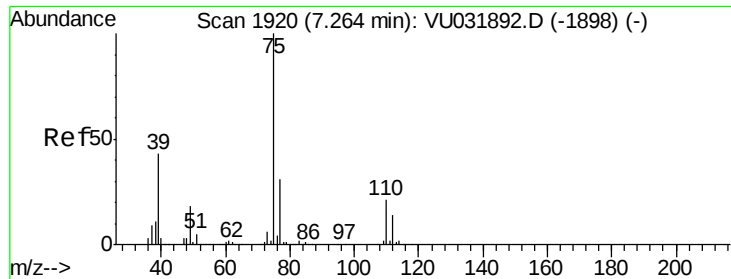
Tgt Ion: 43 Resp: 5268

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.4



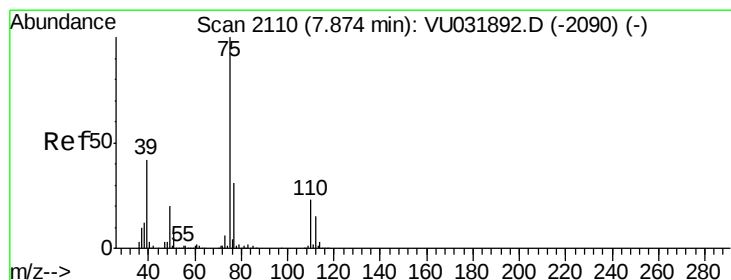
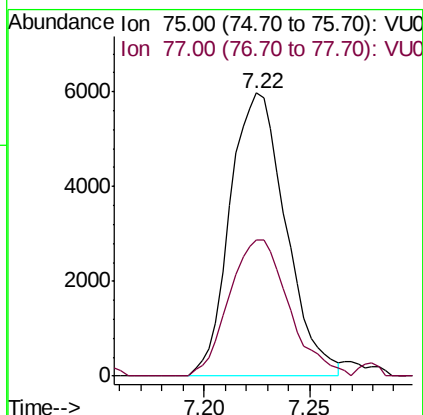
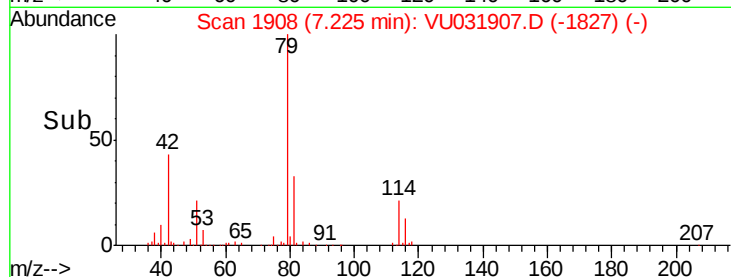
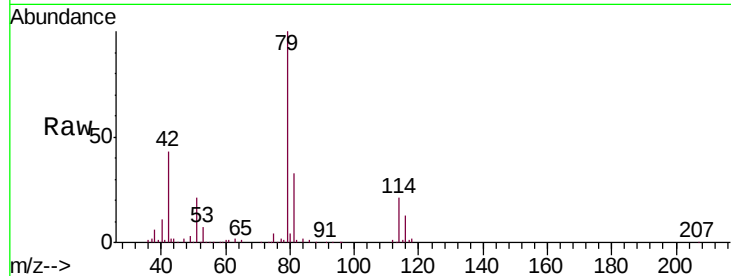


#39

cis-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
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BFHH0

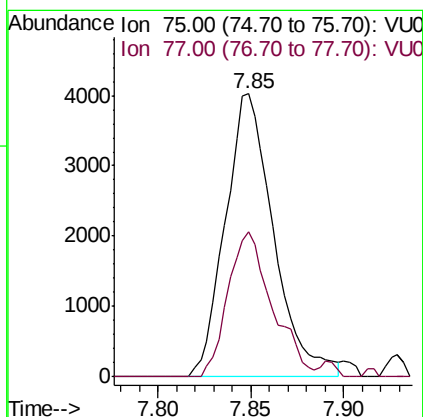
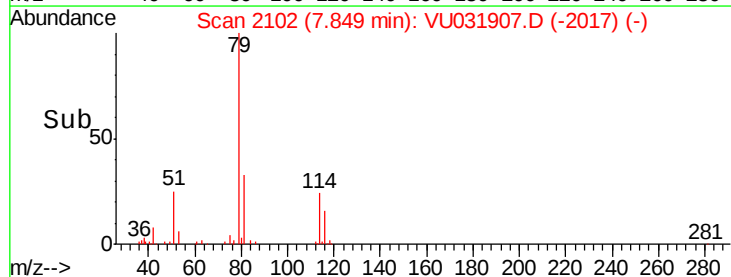
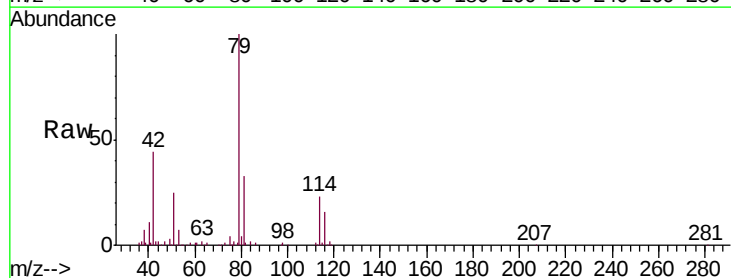
Tgt Ion: 75 Resp: 10981
Ion Ratio Lower Upper
75 100
77 48.3 22.1 41.1#

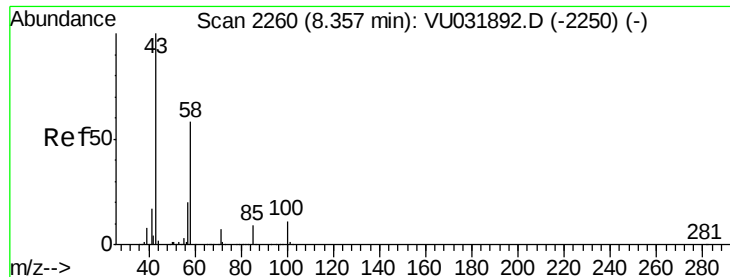


#44

trans-1,3-Dichloropropene
Concen: 0.580 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031907.D
Acq: 10 May 2019 22:42

Tgt Ion: 75 Resp: 7298
Ion Ratio Lower Upper
75 100
77 51.3 22.1 41.1#

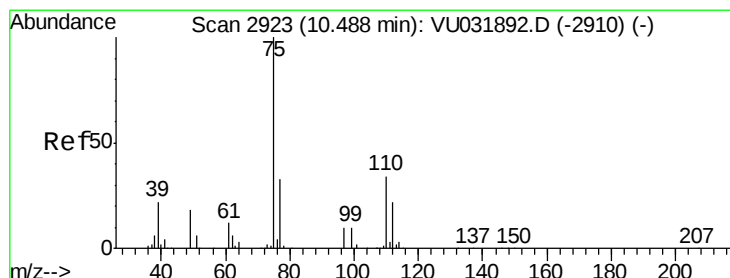
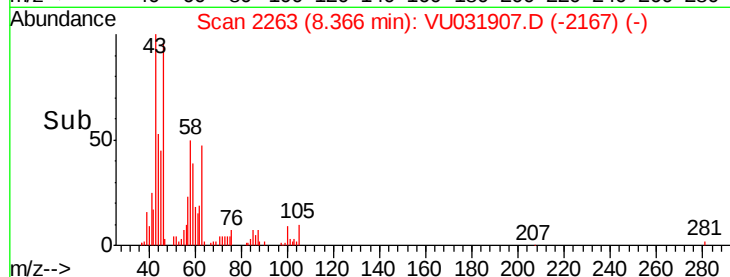
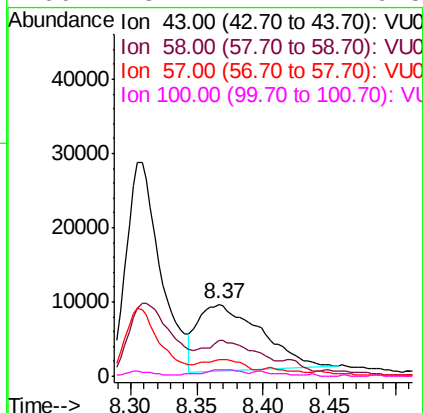
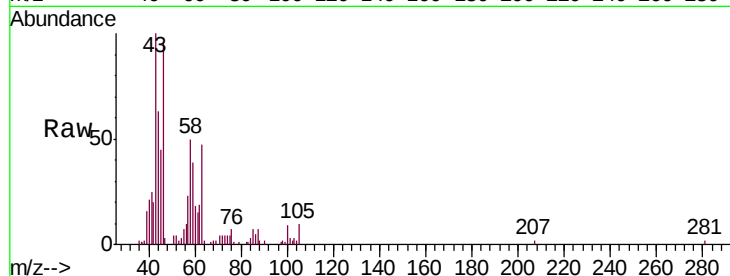




#48
 2-Hexanone
 Concen: 2.254 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031907.D
 Acq: 10 May 2019 22:42

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Tgt Ion:	43	Resp:	29429
Ion	Ratio	Lower	Upper
43	100		
58	20.2	42.1	63.1#
57	0.0	14.6	22.0#
100	5.1	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.988 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031907.D
 Acq: 10 May 2019 22:42

Tgt Ion:	75	Resp:	49601
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.9	38.9

