

Data File : VU031902.D
Acq On : 10 May 2019 20:43
Operator : JC/SP
Sample : K2742-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C30

Quant Time: May 11 02:49:47 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	997357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1006187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	367775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	380895	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.26%
7) Chloroethane-d5	1.67	69	323439	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.26	63	532760	32.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.10%
21) 2-Butanone-d5	4.17	46	664690	87.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.89%
24) Chloroform-d	4.64	84	686445	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	460944	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
32) Benzene-d6	5.33	84	1423828	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
36) 1,2-Dichloropropane-d6	6.32	67	484843	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.20%
41) Toluene-d8	7.56	98	1215178	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.85	79	190106	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
47) 2-Hexanone-d5	8.31	63	433537	92.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679321	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	392118	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

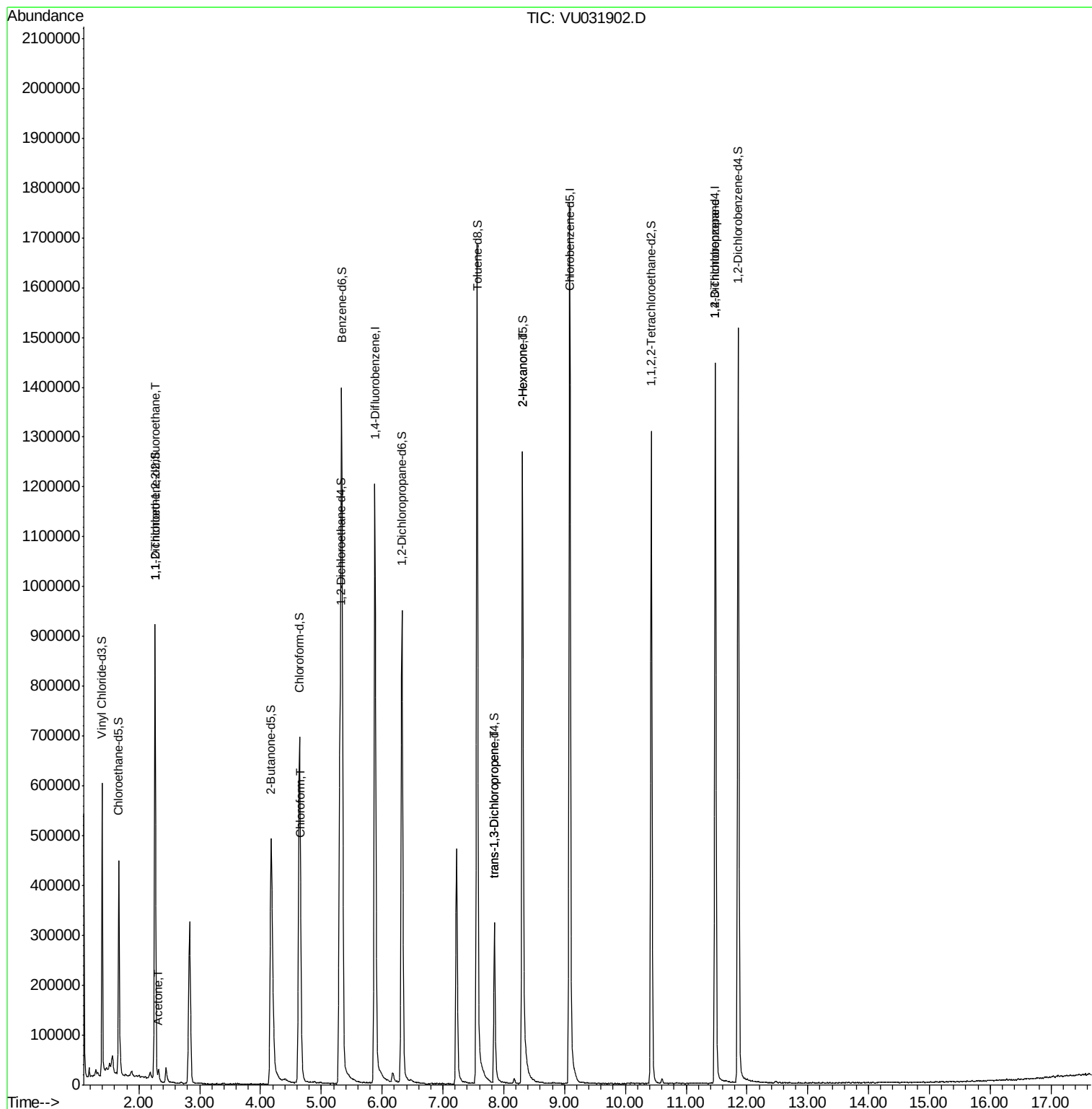
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4785	0.599	ug/L #	23
13) Acetone	2.32	43	16599	1.948	ug/L	91
25) Chloroform	4.67	83	46631	2.856	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	7921	0.629	ug/L	91
48) 2-Hexanone	8.31	43	51739	3.959	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	49799	3.999	ug/L	92

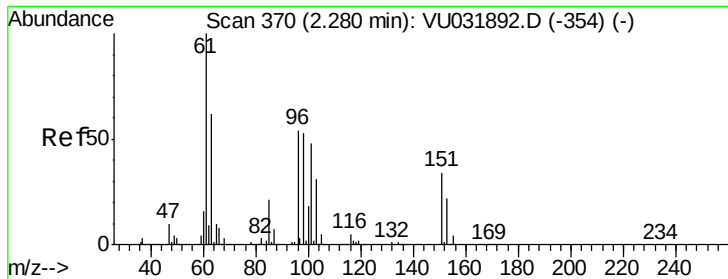
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.599 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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ClientSampleId :

C0C30

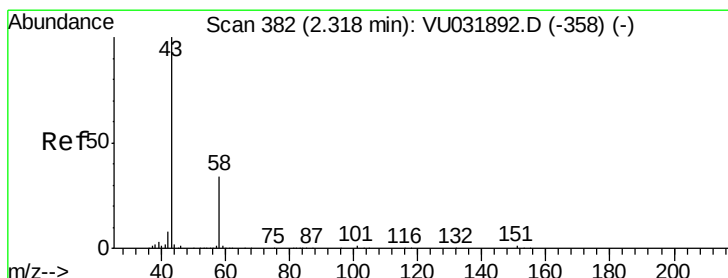
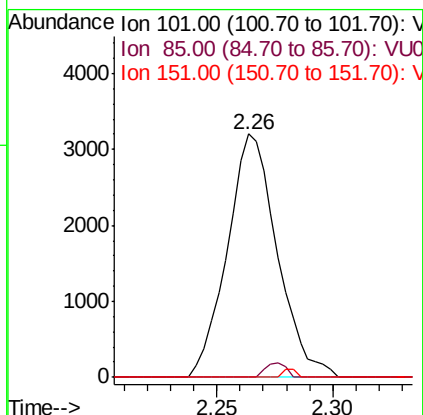
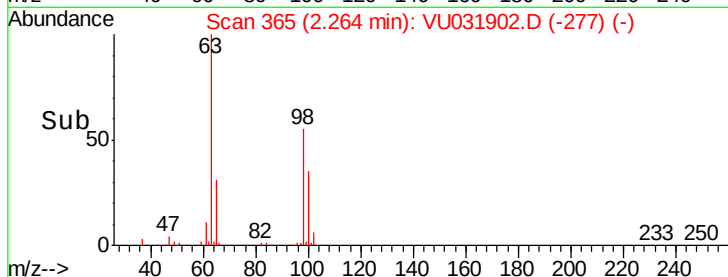
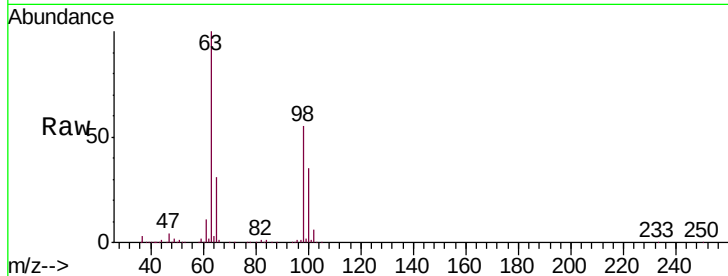
Tgt Ion:101 Resp: 4785

Ion Ratio Lower Upper

101 100

85 2.4 36.1 54.1#

151 0.8 56.1 84.1#



#13

Acetone

Concen: 1.948 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU031902.D

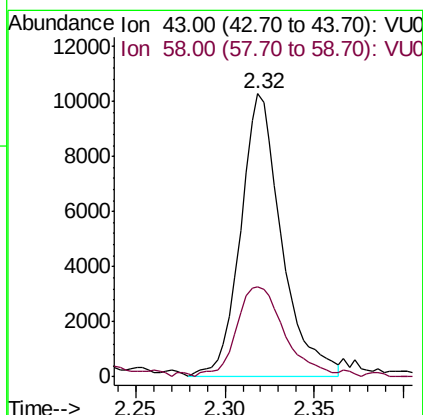
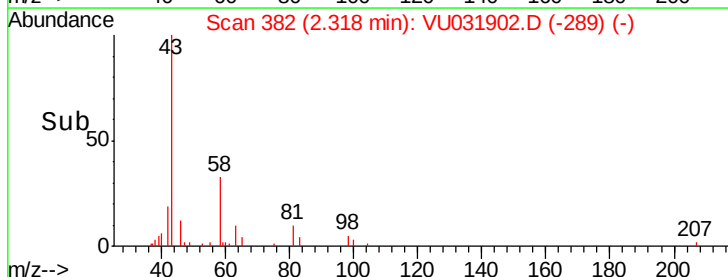
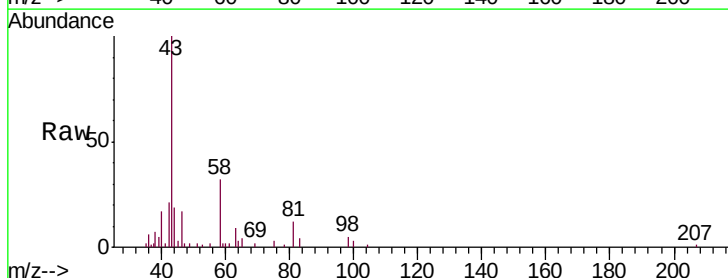
Acq: 10 May 2019 20:43

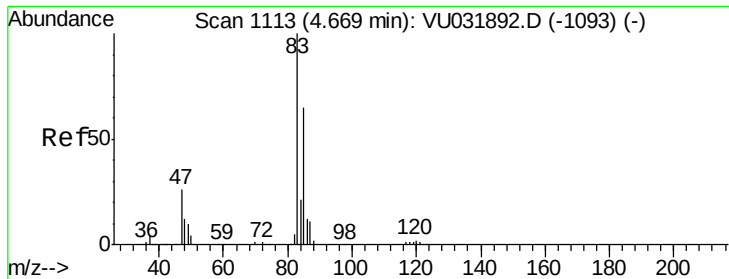
Tgt Ion: 43 Resp: 16599

Ion Ratio Lower Upper

43 100

58 37.1 0.0 64.4

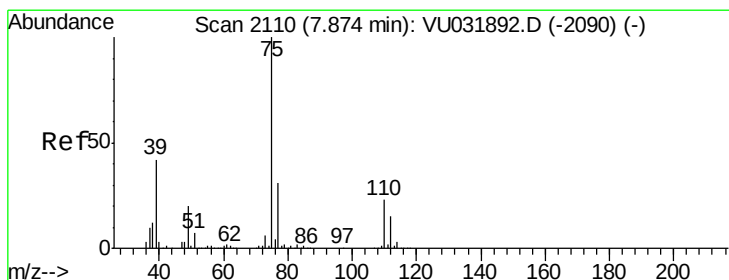
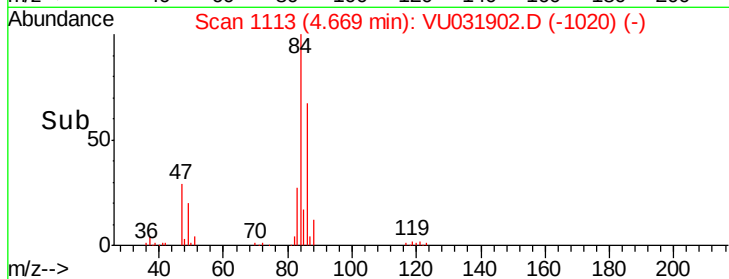
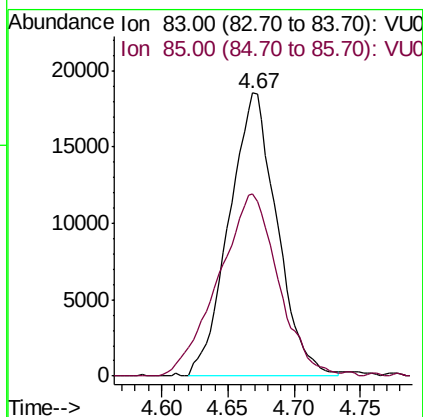
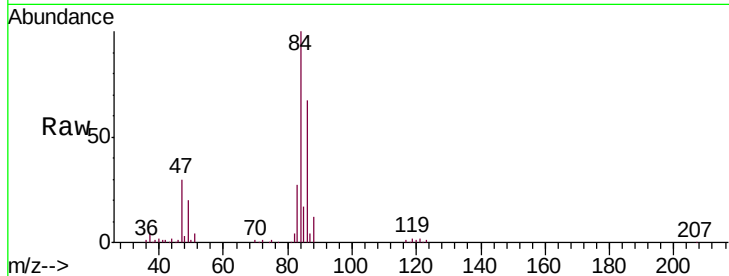




#25
Chloroform
Concen: 2.856 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
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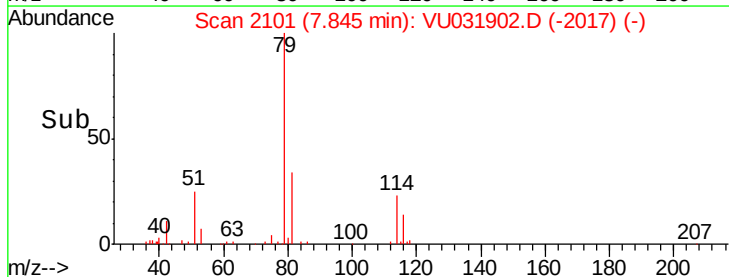
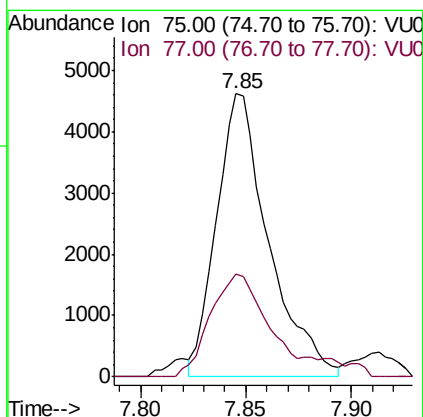
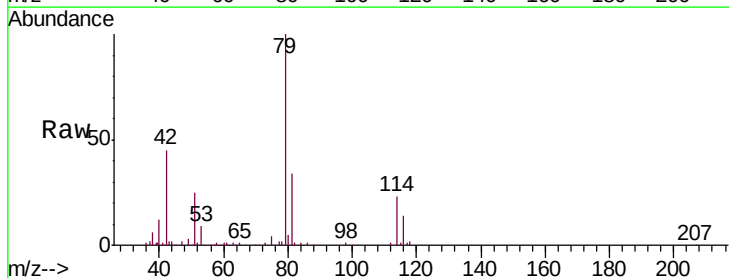
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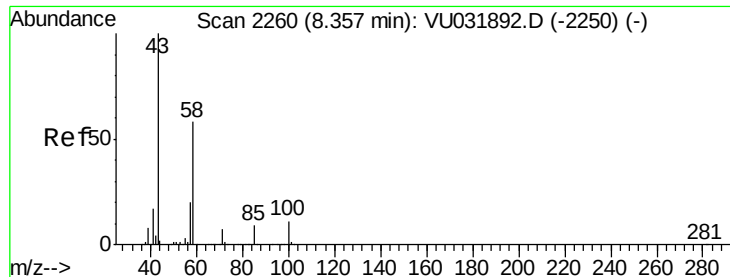
Tgt Ion: 83 Resp: 46631
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3



#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031902.D
Acq: 10 May 2019 20:43

Tgt Ion: 75 Resp: 7921
Ion Ratio Lower Upper
75 100
77 36.4 22.1 41.1

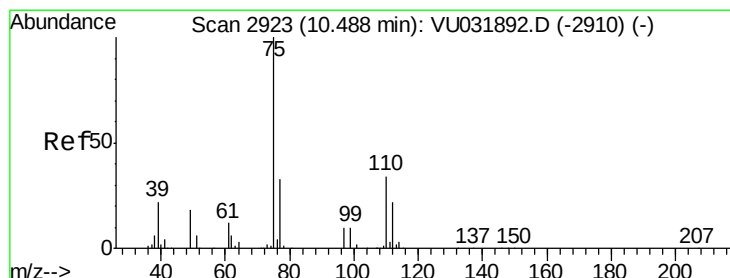
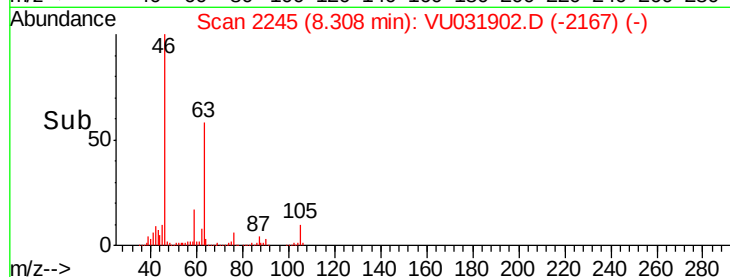
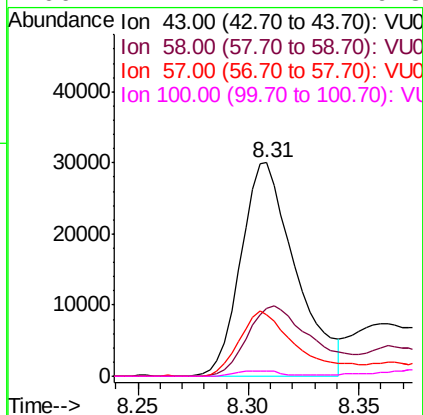
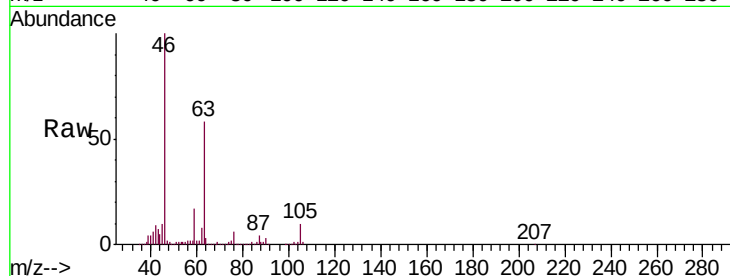




#48
 2-Hexanone
 Concen: 3.959 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031902.D
 Acq: 10 May 2019 20:43

Instrument :
 MSVOA_U
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Tgt Ion:	43	Resp:	51739
Ion	Ratio	Lower	Upper
43	100		
58	40.0	42.1	63.1#
57	31.4	14.6	22.0#
100	1.1	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.999 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031902.D
 Acq: 10 May 2019 20:43

Tgt Ion:	75	Resp:	49799
Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.9	38.9

