

Data File : VU030315.D
Acq On : 22 Mar 2019 17:57
Operator : JC/SP
Sample : K2016-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09J1

Quant Time: Mar 23 04:39:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517985	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	503560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232324	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125907	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.90%
7) Chloroethane-d5	1.68	69	116241	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.27	63	181233	28.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.72%#
21) 2-Butanone-d5	4.18	46	249912	96.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	4.65	84	273504	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
26) 1,2-Dichloroethane-d4	5.31	65	164047	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.34	84	564697	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.12%
36) 1,2-Dichloropropane-d6	6.33	67	185652	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.44%
41) Toluene-d8	7.56	98	492195	39.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.90%#
43) trans-1,3-Dichloropropene-	7.85	79	81017	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.04%
47) 2-Hexanone-d5	8.31	63	199861	93.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294751	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	213975	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%

Target Compounds

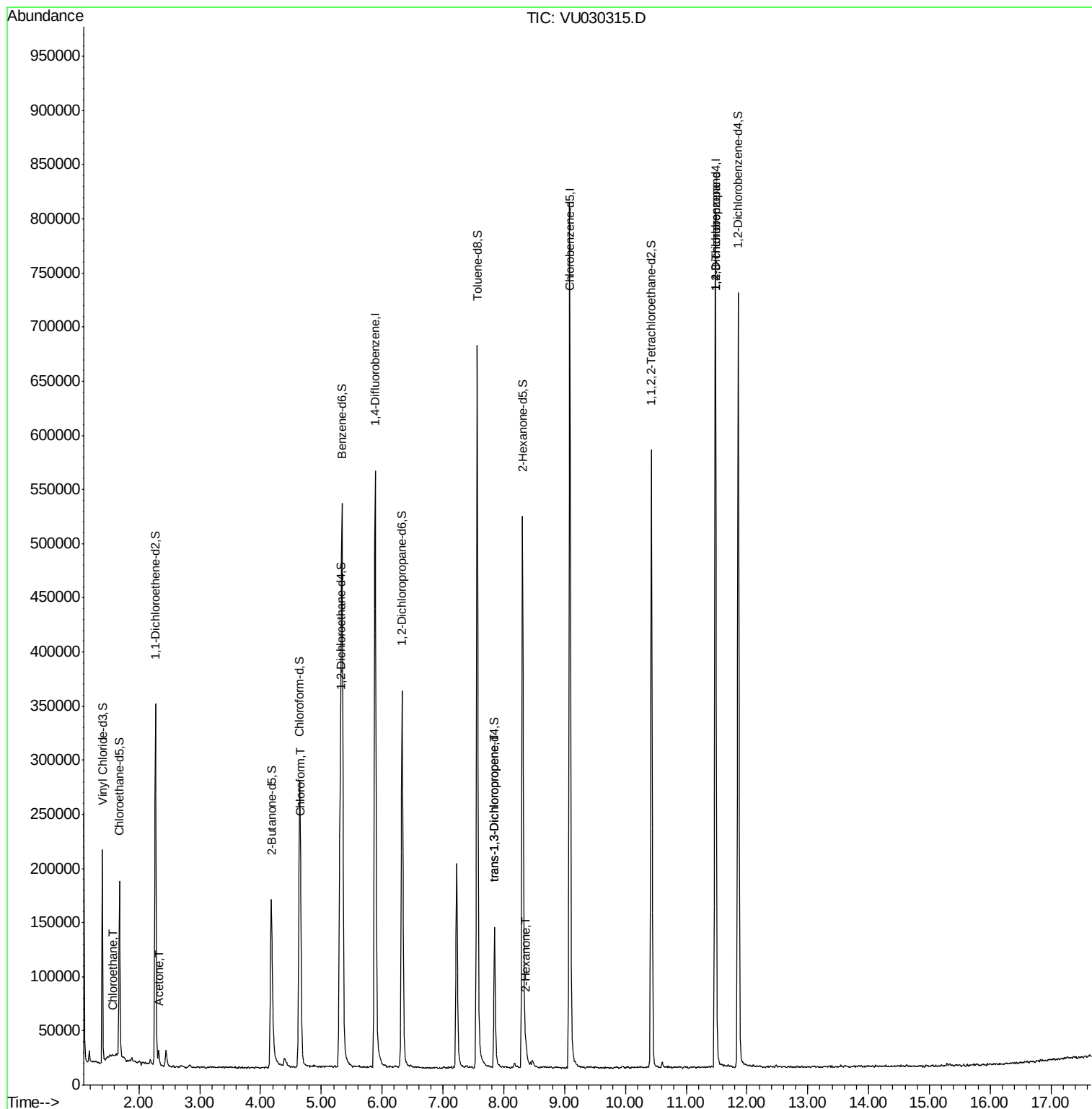
					Qvalue
8) Chloroethane	1.58	64	1812	0.680 ug/L #	52
13) Acetone	2.32	43	11716	4.315 ug/L	97
25) Chloroform	4.67	83	5570	0.854 ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3395	0.657 ug/L	83
48) 2-Hexanone	8.37	43	7500	1.767 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	25010	4.973 ug/L	96

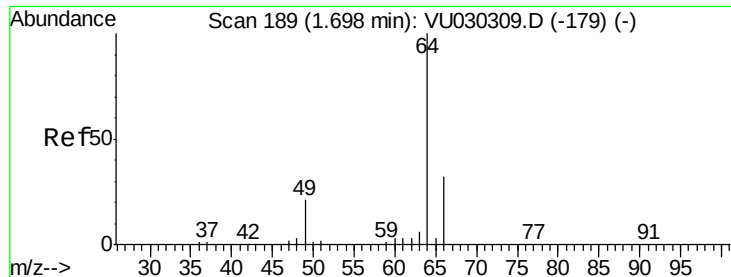
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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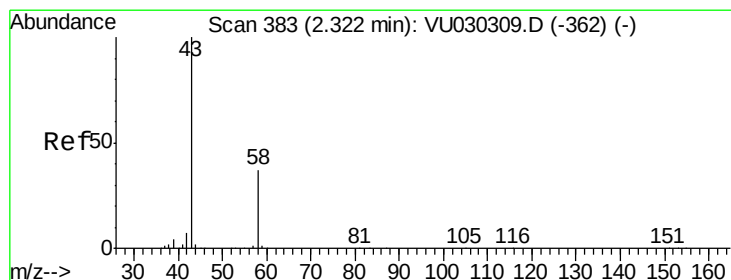
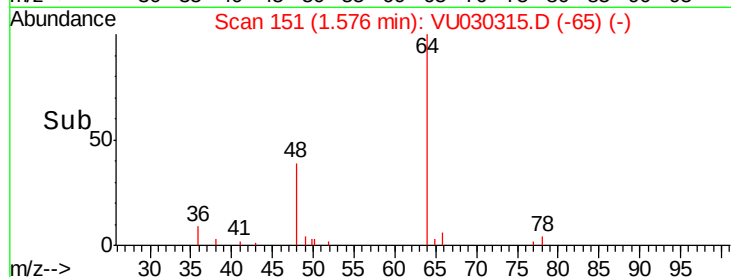
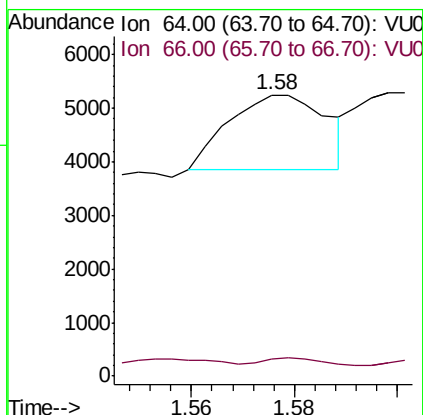
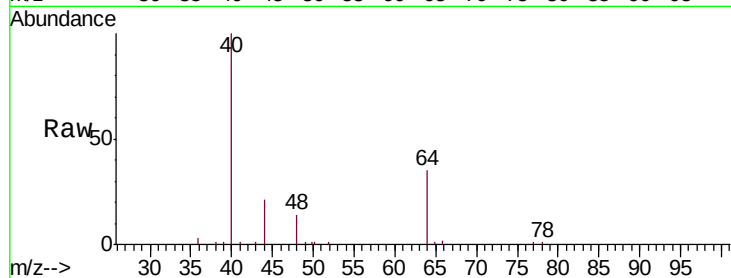




#8
Chloroethane
Concen: 0.680 ug/L
RT: 1.58 min Scan# 151
Delta R.T. -0.12 min
Lab File: VU030315.D
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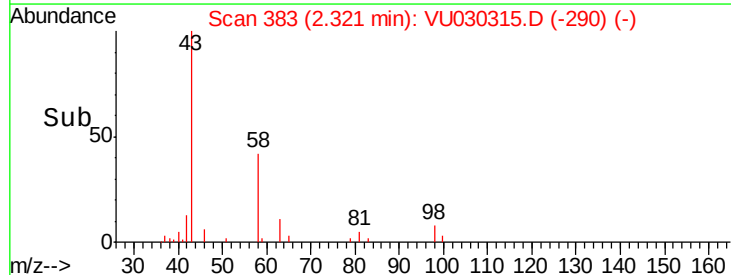
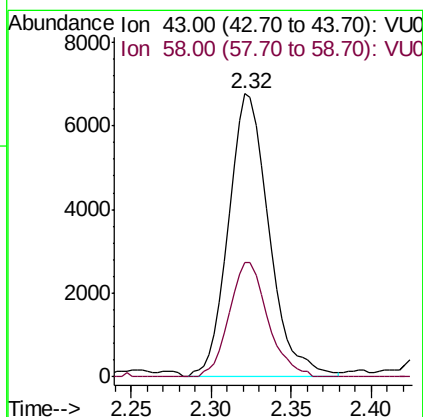
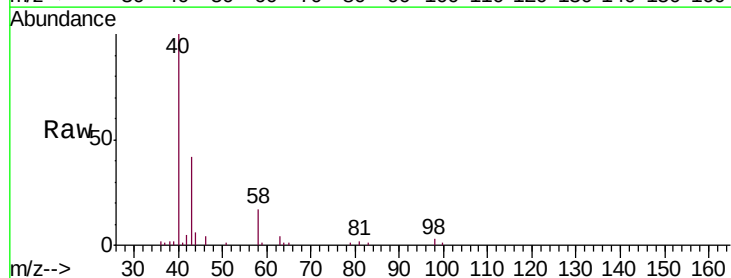
Instrument :
MSVOA_U
ClientSampled :
C09J1

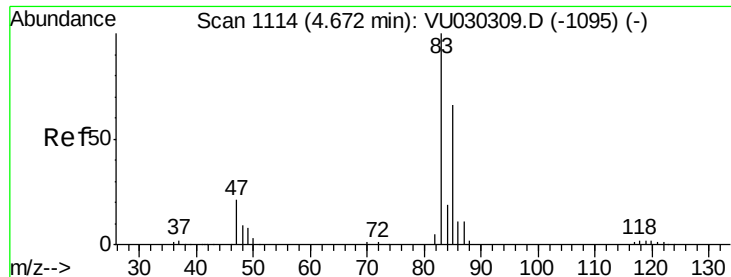
Tgt Ion: 64 Resp: 1812
Ion Ratio Lower Upper
64 100
66 5.9 23.2 43.0#



#13
Acetone
Concen: 4.315 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU030315.D
Acq: 22 Mar 2019 17:57

Tgt Ion: 43 Resp: 11716
Ion Ratio Lower Upper
43 100
58 38.3 0.0 73.4

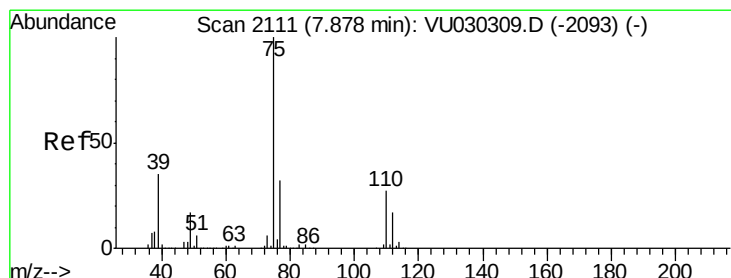
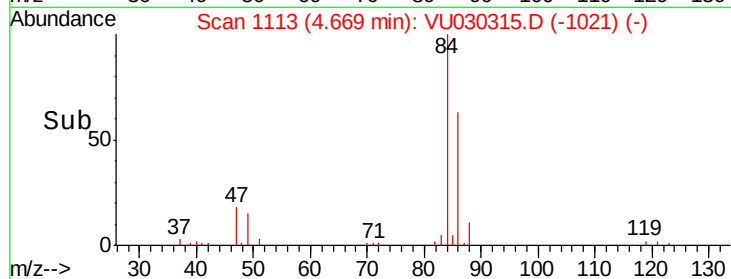
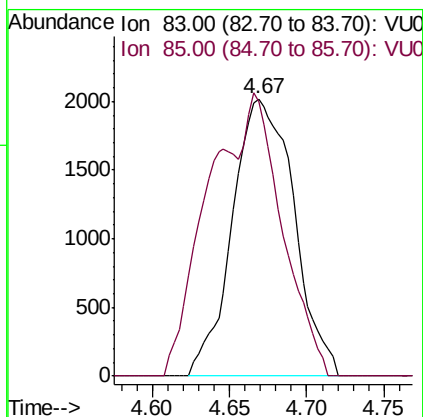
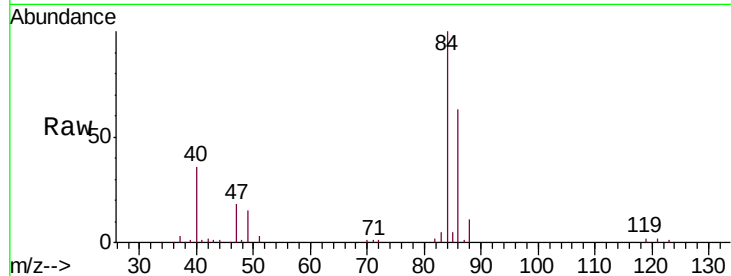




#25
Chloroform
Concen: 0.854 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030315.D
Acq: 22 Mar 2019 17:57

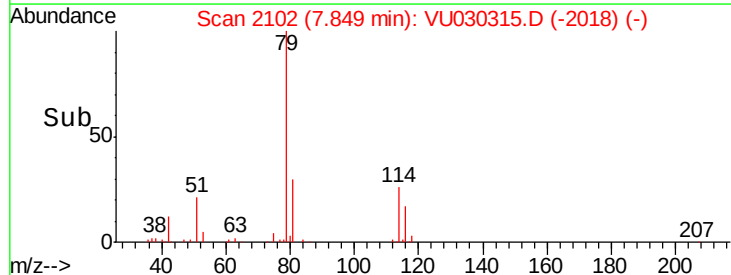
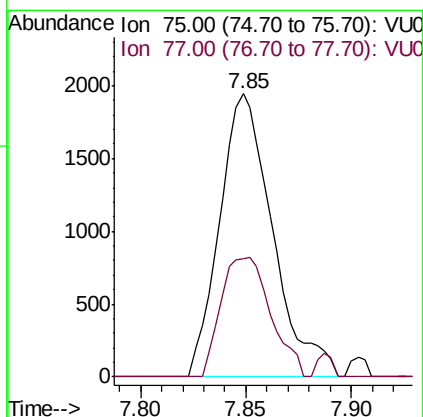
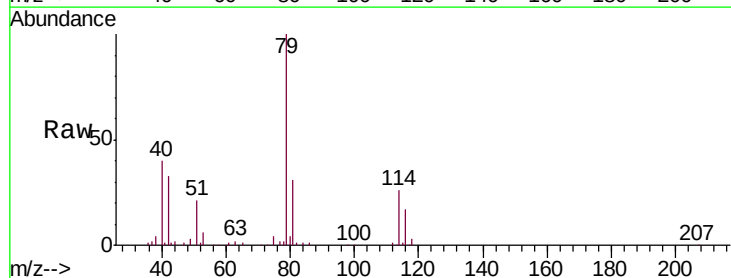
Instrument :
MSVOA_U
ClientSampleId :
C09J1

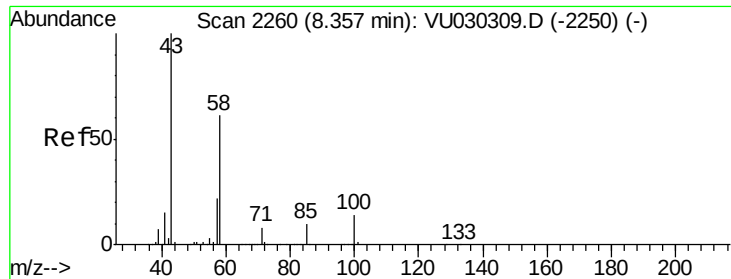
Tgt Ion: 83 Resp: 5570
Ion Ratio Lower Upper
83 100
85 98.9 45.8 85.2#



#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030315.D
Acq: 22 Mar 2019 17:57

Tgt Ion: 75 Resp: 3395
Ion Ratio Lower Upper
75 100
77 41.7 22.7 42.1





#48

2-Hexanone

Concen: 1.767 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU030315.D

Acq: 22 Mar 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

C09J1

Tgt Ion: 43 Resp: 7500

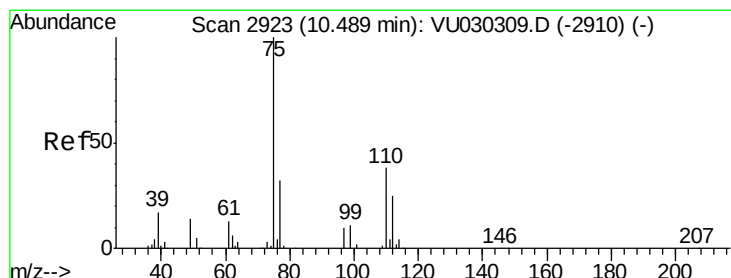
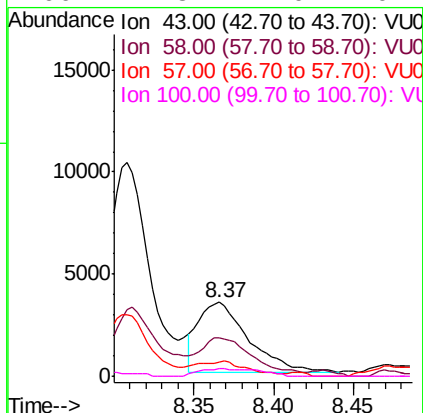
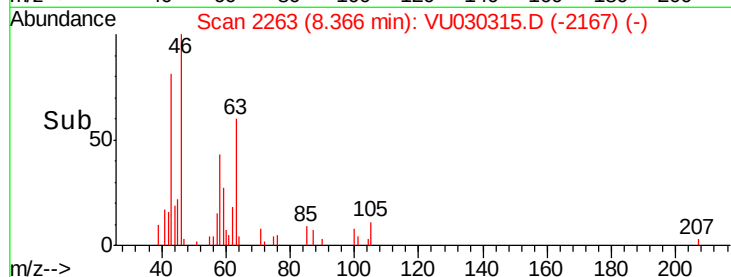
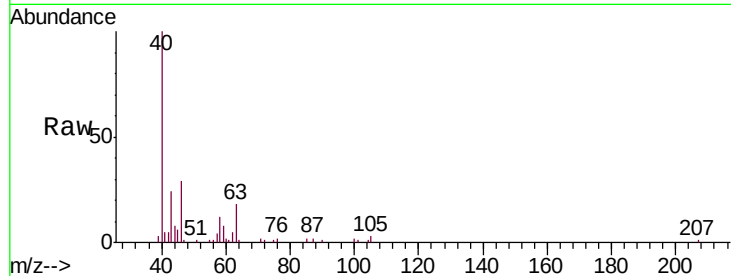
Ion Ratio Lower Upper

43 100

58 53.1 49.3 73.9

57 13.0 17.0 25.4#

100 1.8 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 4.973 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030315.D

Acq: 22 Mar 2019 17:57

Tgt Ion: 75 Resp: 25010

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8

