

Data File : VU030102.D
Acq On : 15 Mar 2019 11:45
Operator : JC/SP
Sample : K1939-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1F1

Quant Time: Mar 16 00:05:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	103914	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.48%
7) Chloroethane-d5	1.68	69	97443	38.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.24%
11) 1,1-Dichloroethene-d2	2.27	63	163205	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	4.17	46	246582	105.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.29%
24) Chloroform-d	4.65	84	257975	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
26) 1,2-Dichloroethane-d4	5.31	65	158398	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.34	84	544717	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.33	67	176604	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.56	98	492059	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%
43) trans-1,3-Dichloropropene-	7.85	79	82829	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.31	63	210171	104.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276561	50.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	216201	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

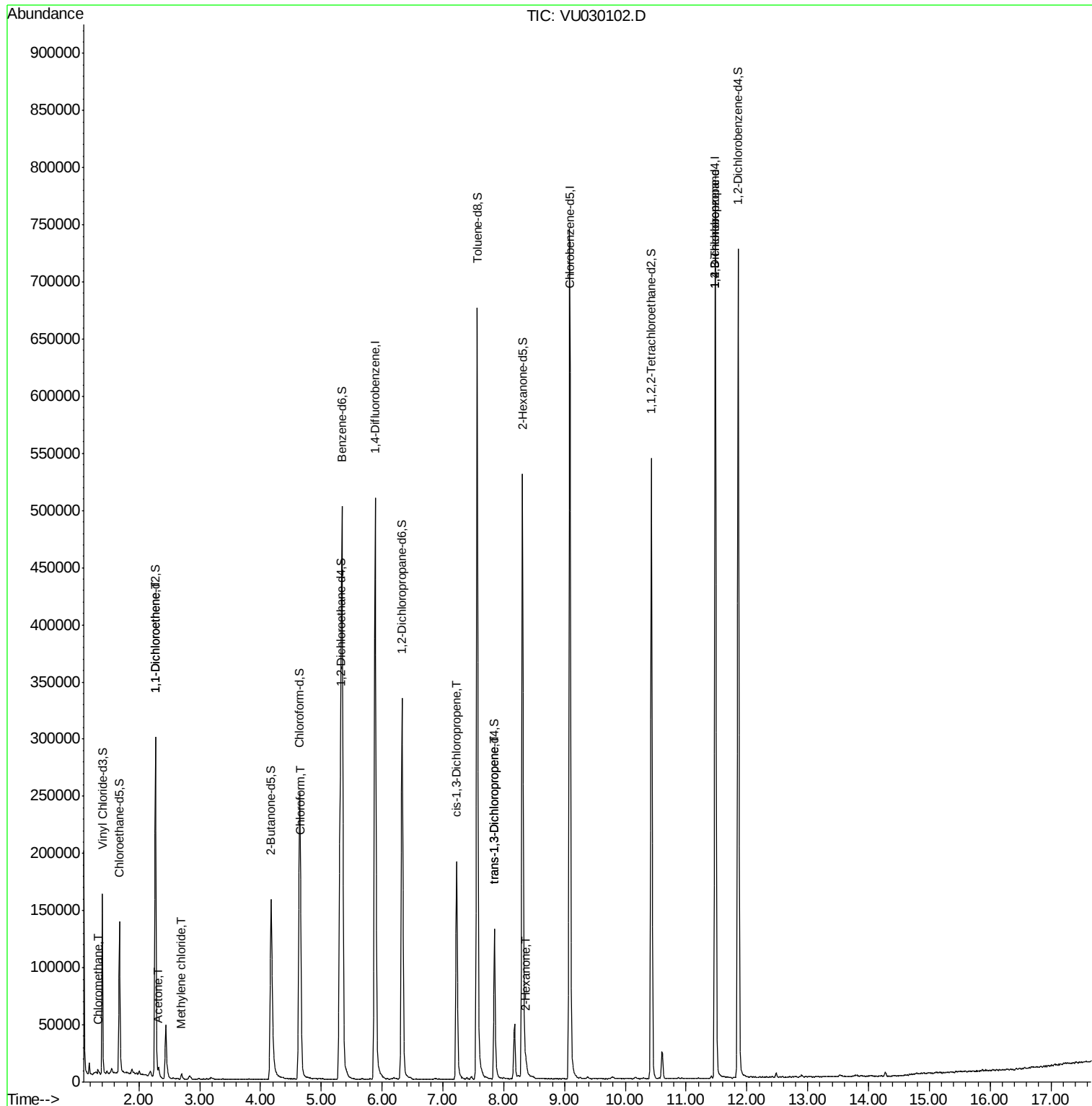
					Qvalue
3) Chloromethane	1.33	50	2895	0.879 ug/L	87
12) 1,1-Dichloroethene	2.27	96	1731	0.584 ug/L #	1
13) Acetone	2.32	43	7336	2.679 ug/L	96
16) Methylene chloride	2.70	84	2092	0.598 ug/L	78
25) Chloroform	4.67	83	3938	0.677 ug/L #	71
39) cis-1,3-Dichloropropene	7.23	75	4609	0.864 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3330	0.684 ug/L #	82
48) 2-Hexanone	8.37	43	4711	1.194 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	21923	4.913 ug/L	92

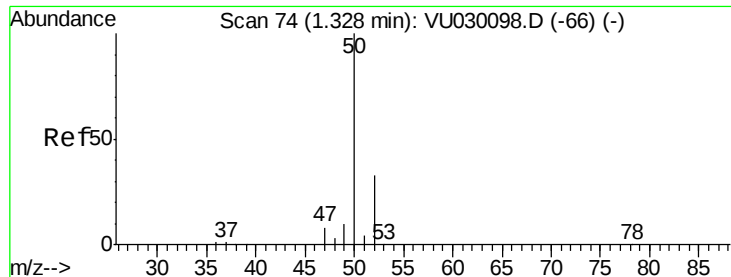
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.879 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

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Acq: 15 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

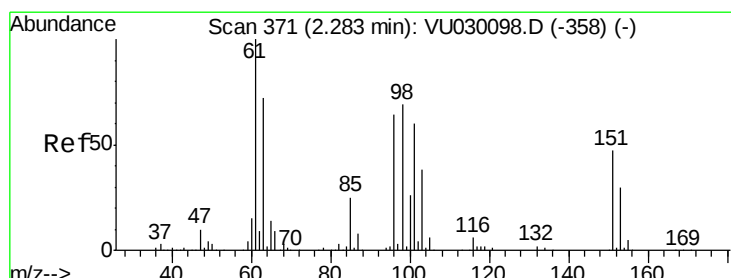
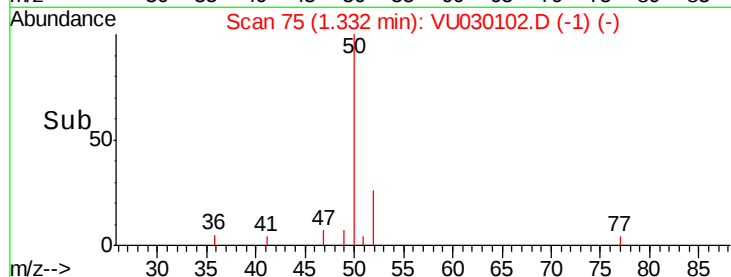
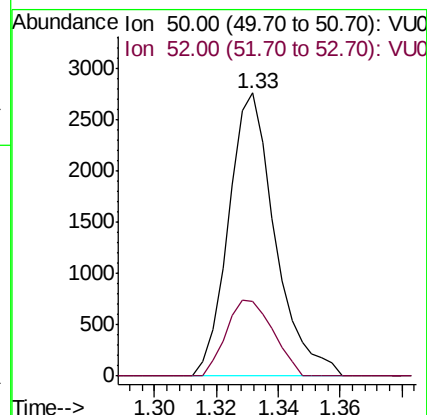
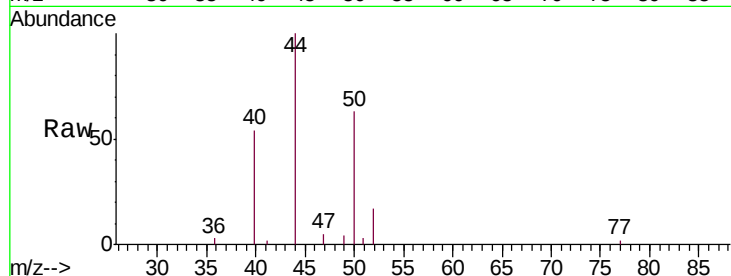
BF1F1

Tgt Ion: 50 Resp: 2895

Ion Ratio Lower Upper

50 100

52 26.2 23.4 43.6



#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030102.D

Acq: 15 Mar 2019 11:45

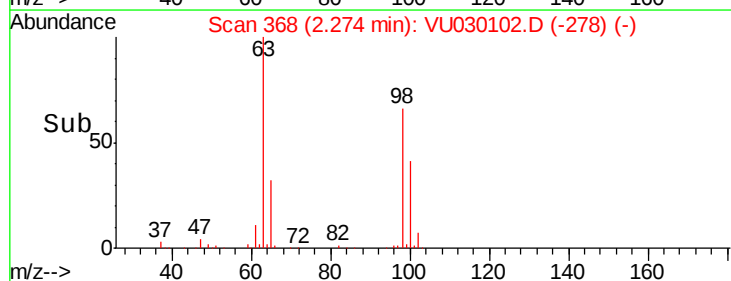
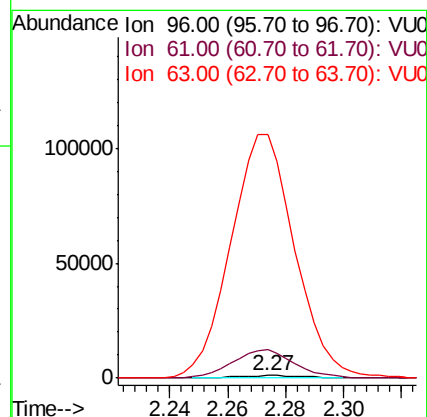
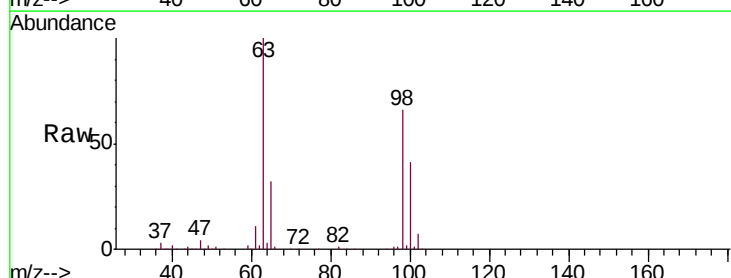
Tgt Ion: 96 Resp: 1731

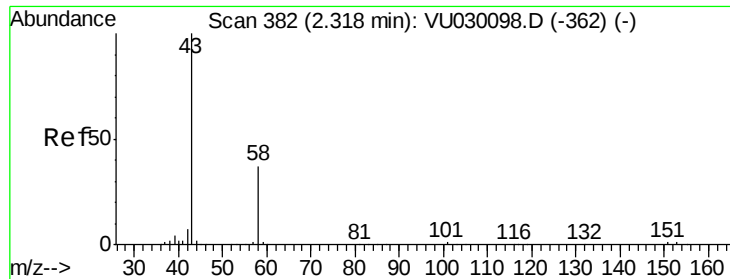
Ion Ratio Lower Upper

96 100

61 1157.5 110.4 205.0#

63 10078.8 86.5 160.7#





#13

Acetone

Concen: 2.679 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030102.D

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Instrument :

MSVOA_U

ClientSampleId :

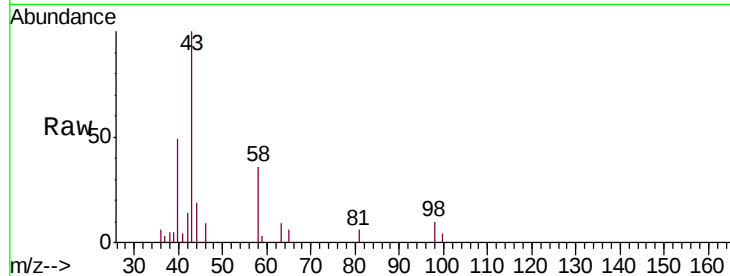
BF1F1

Tgt Ion: 43 Resp: 7336

Ion Ratio Lower Upper

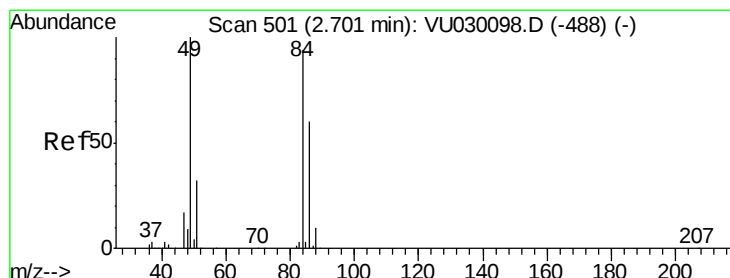
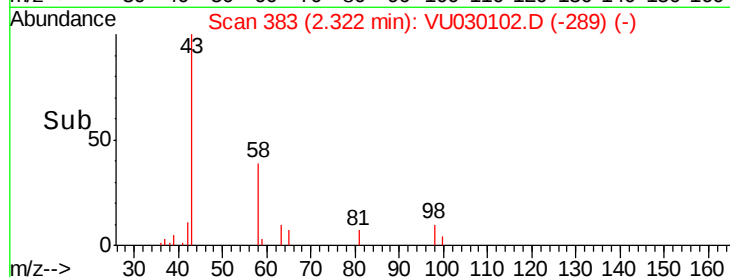
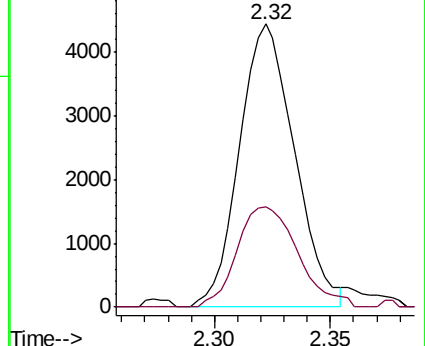
43 100

58 39.0 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030102.D (-383) (-)

Ion 58.00 (57.70 to 58.70): VU030102.D (-383) (-)



#16

Methylene chloride

Concen: 0.598 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU030102.D

Acq: 15 Mar 2019 11:45

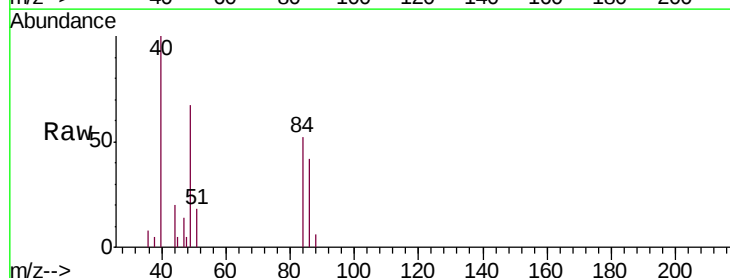
Tgt Ion: 84 Resp: 2092

Ion Ratio Lower Upper

84 100

86 79.8 45.2 84.0

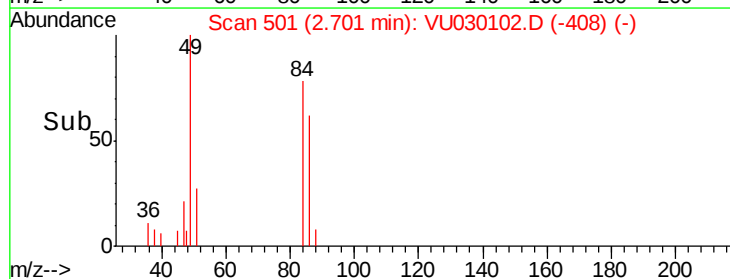
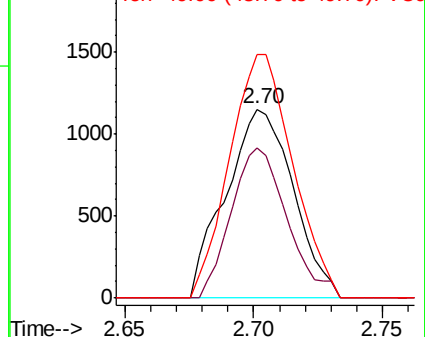
49 129.0 73.6 136.6

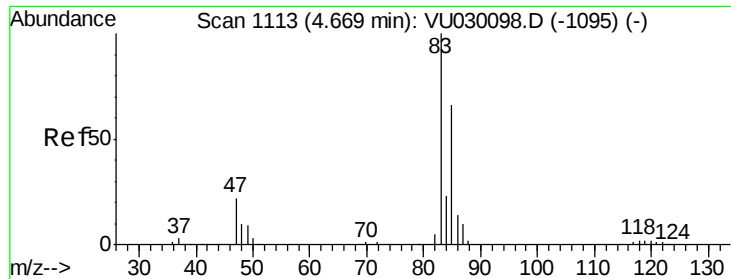


Abundance Ion 84.00 (83.70 to 84.70): VU030102.D (-501) (-)

Ion 86.00 (85.70 to 86.70): VU030102.D (-501) (-)

Ion 49.00 (48.70 to 49.70): VU030102.D (-501) (-)

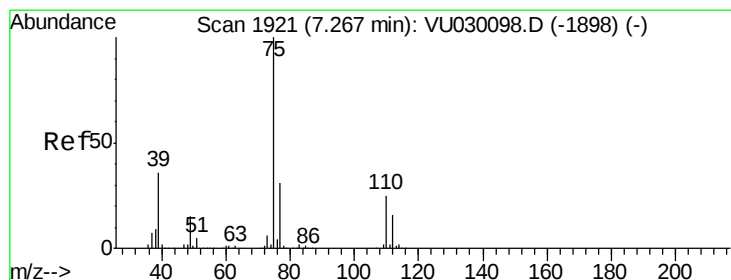
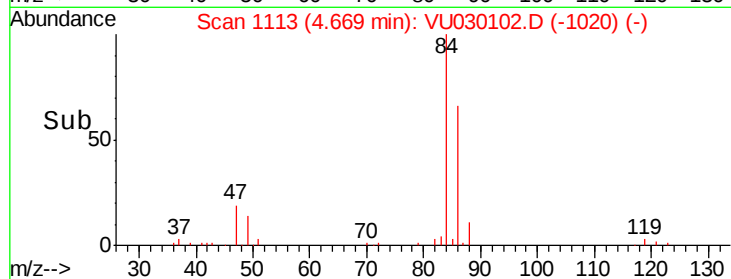
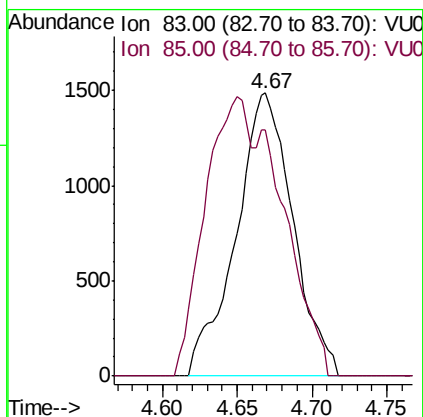
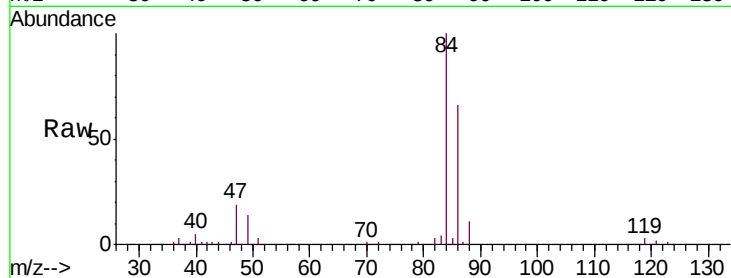




#25
Chloroform
Concen: 0.677 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030102.D
Acq: 15 Mar 2019 11:45

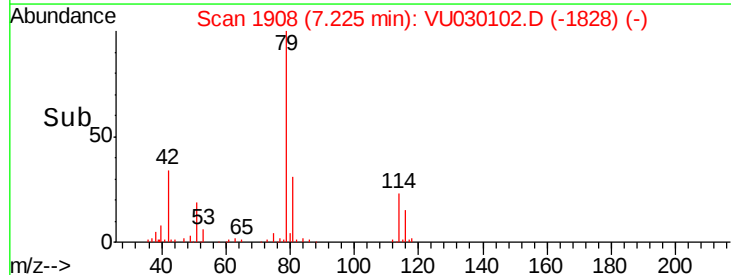
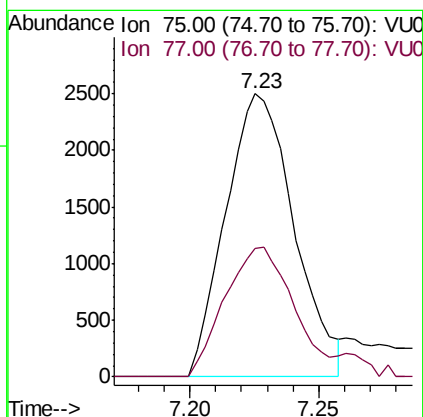
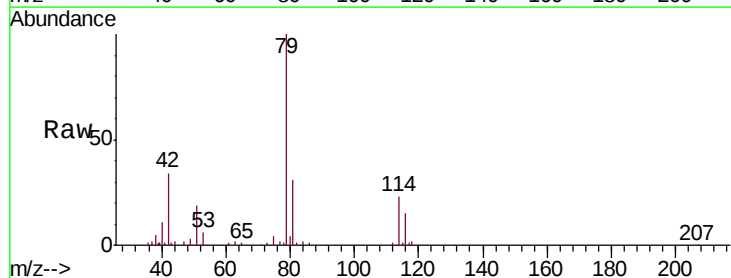
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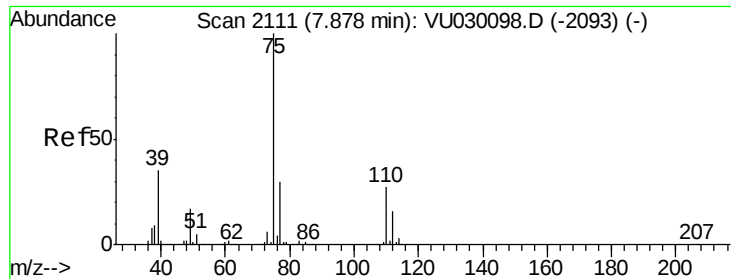
Tgt Ion: 83 Resp: 3938
Ion Ratio Lower Upper
83 100
85 86.8 44.9 83.5#



#39
cis-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030102.D
Acq: 15 Mar 2019 11:45

Tgt Ion: 75 Resp: 4609
Ion Ratio Lower Upper
75 100
77 45.5 22.2 41.2#

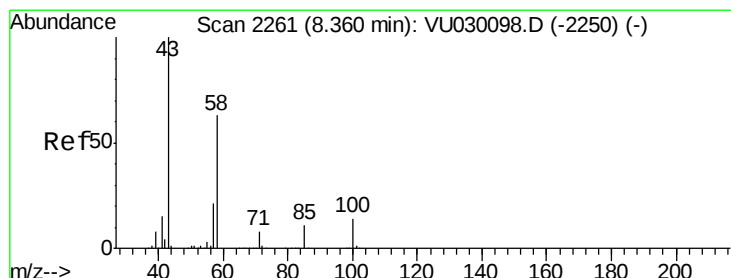
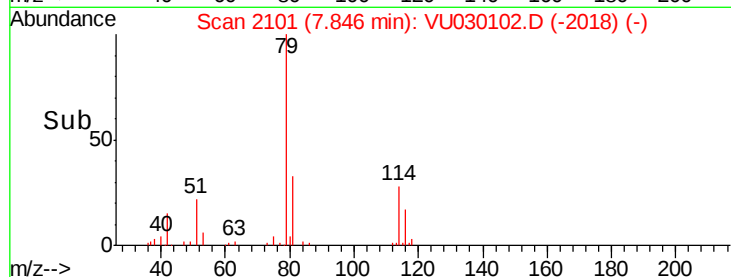
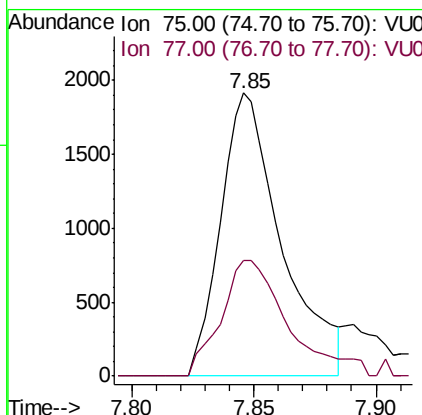
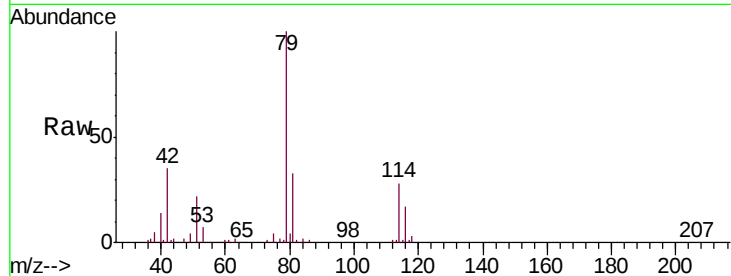




#44
trans-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030102.D
Acq: 15 Mar 2019 11:45

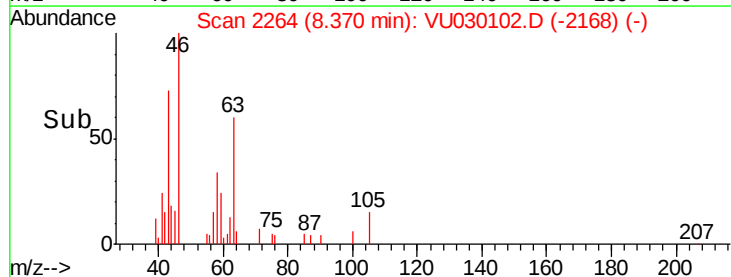
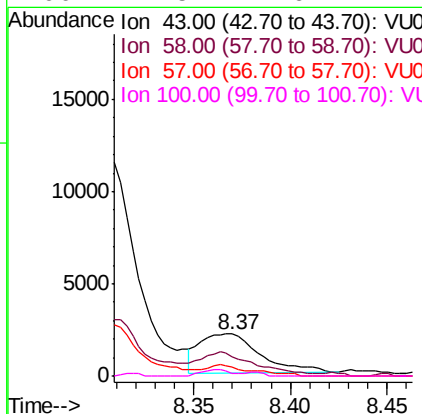
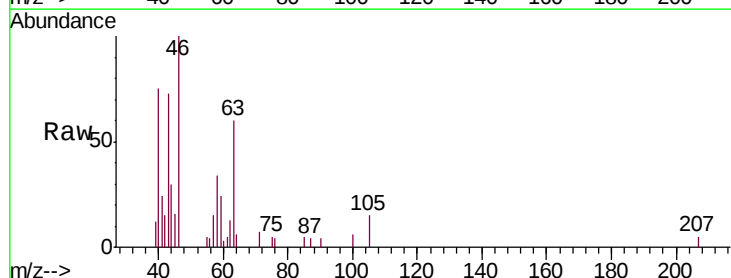
Instrument :
MSVOA_U
ClientSampleId :
BF1F1

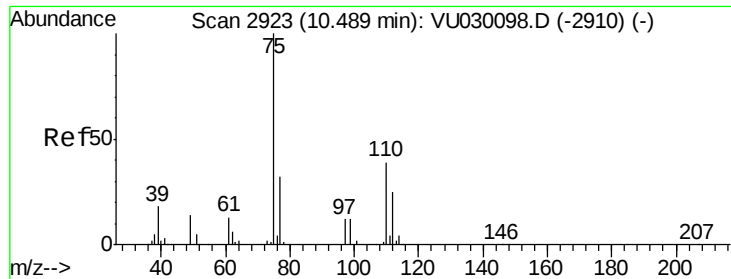
Tgt Ion: 75 Resp: 3330
Ion Ratio Lower Upper
75 100
77 41.1 21.9 40.7#



#48
2-Hexanone
Concen: 1.194 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030102.D
Acq: 15 Mar 2019 11:45

Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
58 54.9 48.6 72.8
57 14.3 16.1 24.1#
100 7.5 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 4.913 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030102.D

Acq: 15 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

BF1F1

Tgt Ion: 75 Resp: 21923

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

