

Data File : VU029987.D
Acq On : 11 Mar 2019 23:47
Operator : JC/SP
Sample : K1763-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0961

Quant Time: Mar 12 07:10:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	533596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	183712	52.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.10%
7) Chloroethane-d5	1.68	69	146980	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.27	63	243691	38.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.50%
21) 2-Butanone-d5	4.17	46	258601	97.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.79%
24) Chloroform-d	4.65	84	314515	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	5.31	65	184617	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.34	84	682187	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
36) 1,2-Dichloropropane-d6	6.33	67	209039	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.56	98	621059	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.85	79	91353	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	217207	97.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298281	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	248876	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

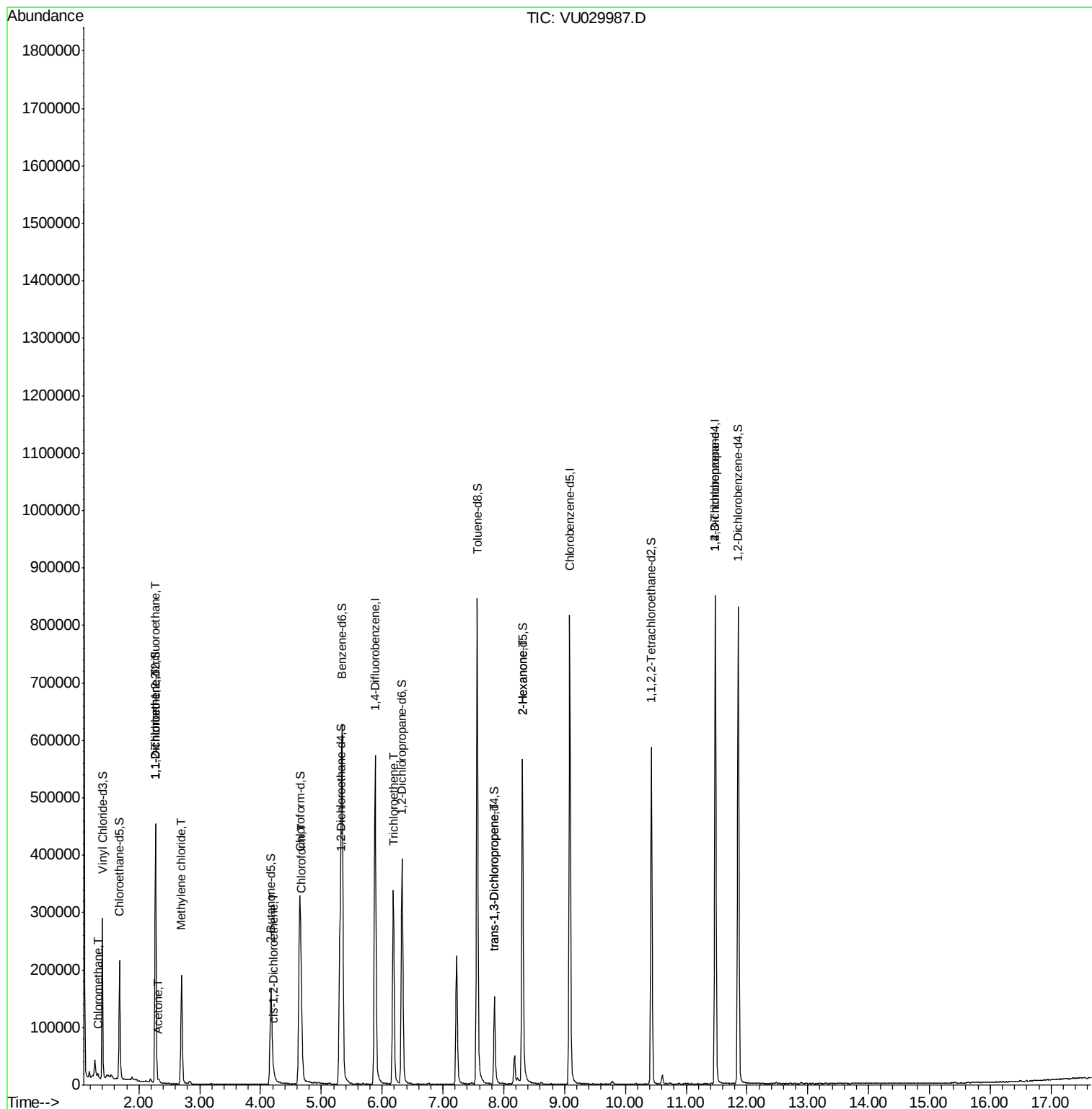
					Qvalue
3) Chloromethane	1.33	50	4896	1.316 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2623	0.748 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	3377	1.010 ug/L #	1
13) Acetone	2.32	43	3210	1.038 ug/L	95
16) Methylene chloride	2.70	84	94382	23.899 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	3242	0.782 ug/L	94
25) Chloroform	4.67	83	105241	16.035 ug/L	96
34) Trichloroethene	6.18	95	120175	31.767 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3880	0.719 ug/L	92
48) 2-Hexanone	8.31	43	21684	4.958 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	25154	5.087 ug/L	96

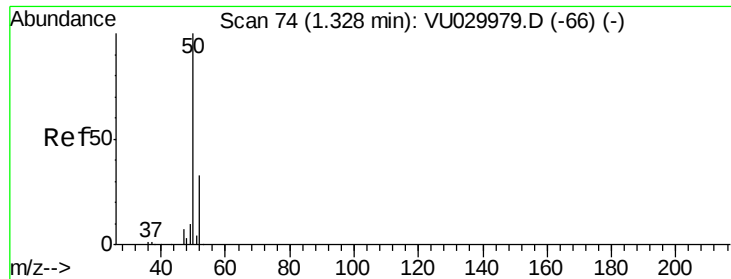
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.316 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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ClientSampleId :

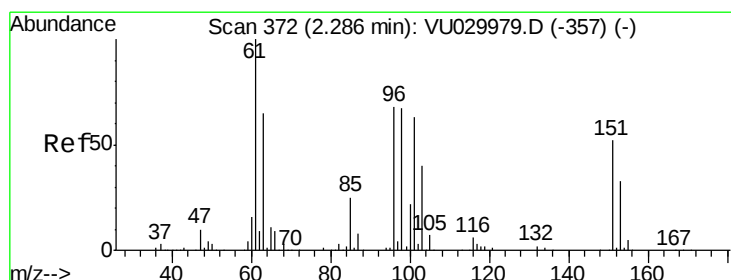
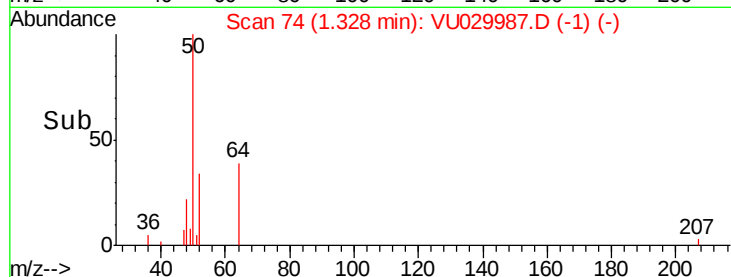
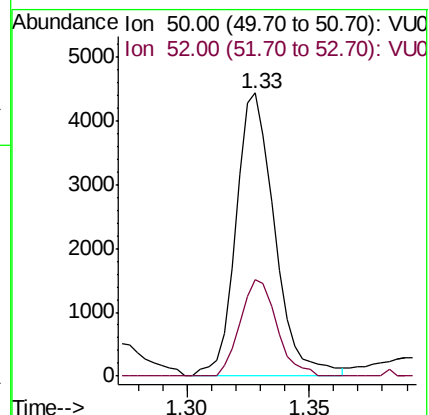
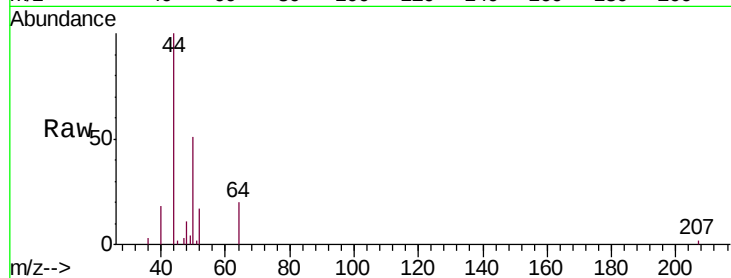
C0961

Tgt Ion: 50 Resp: 4896

Ion Ratio Lower Upper

50 100

52 34.1 23.4 43.6



#10

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

Concen: 0.748 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029987.D

Acq: 11 Mar 2019 23:47

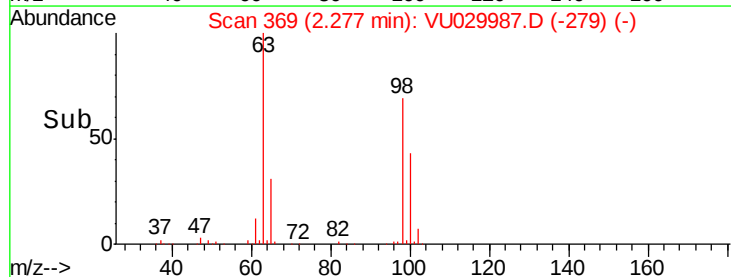
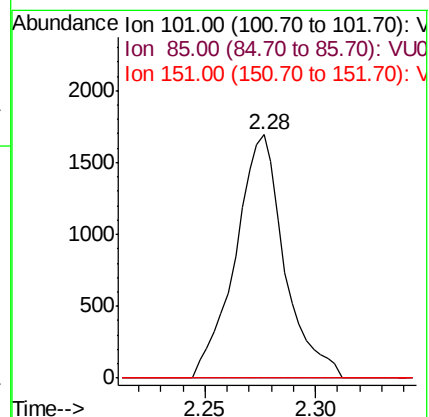
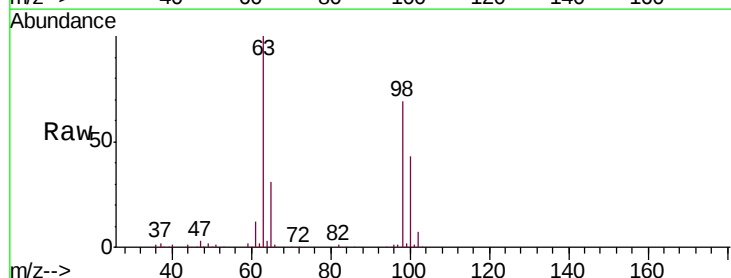
Tgt Ion: 101 Resp: 2623

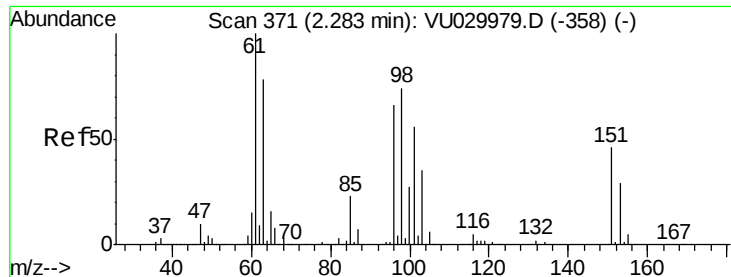
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#





#12

1,1-Dichloroethene

Concen: 1.010 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029987.D

Acq: 11 Mar 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

C0961

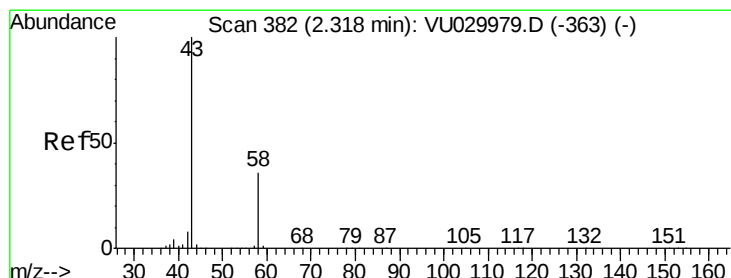
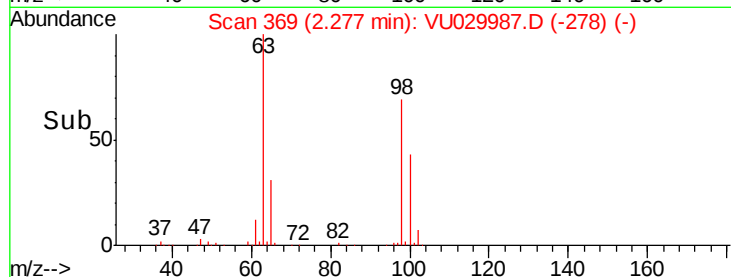
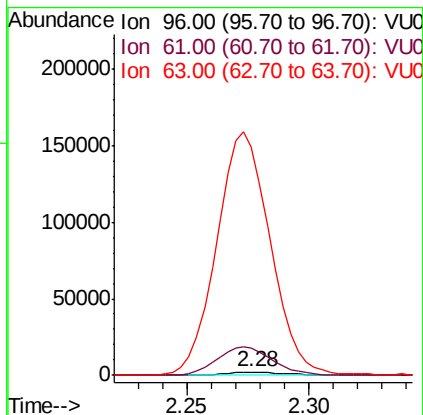
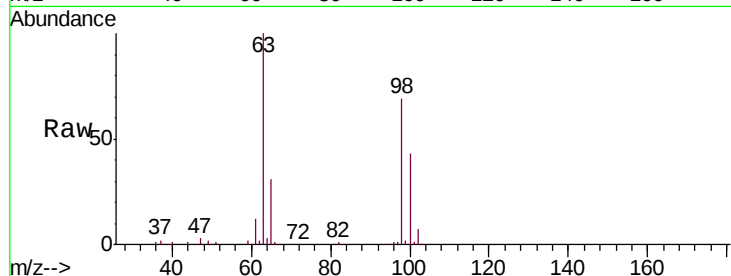
Tgt Ion: 96 Resp: 3377

Ion Ratio Lower Upper

96 100

61 885.3 110.4 205.0#

63 7336.7 86.5 160.7#



#13

Acetone

Concen: 1.038 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029987.D

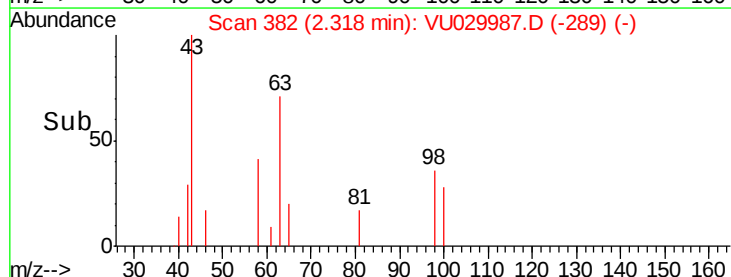
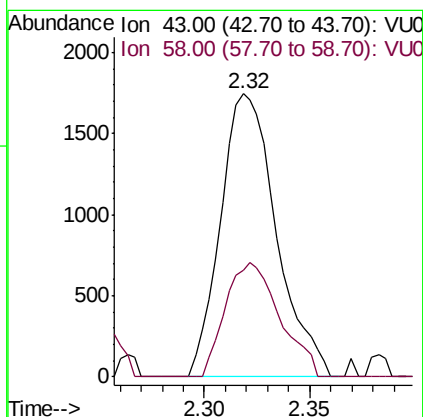
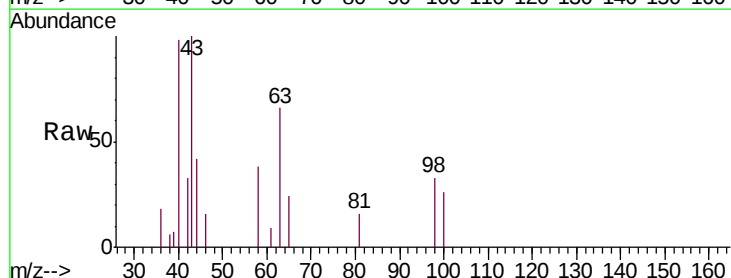
Acq: 11 Mar 2019 23:47

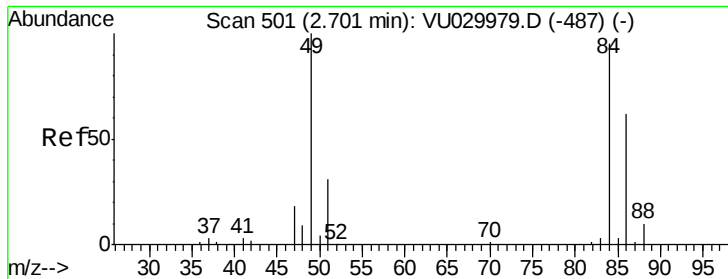
Tgt Ion: 43 Resp: 3210

Ion Ratio Lower Upper

43 100

58 39.3 0.0 73.0

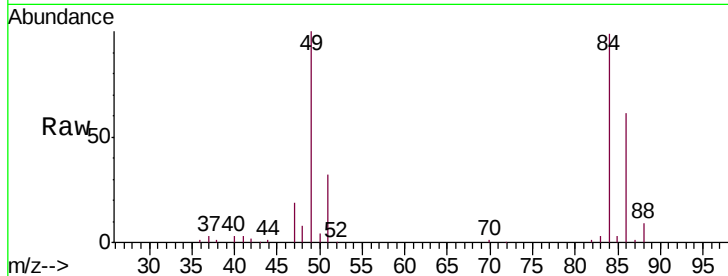




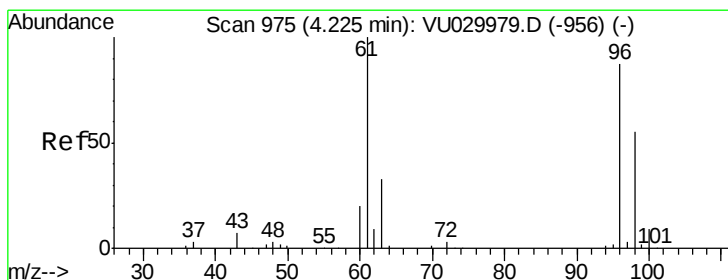
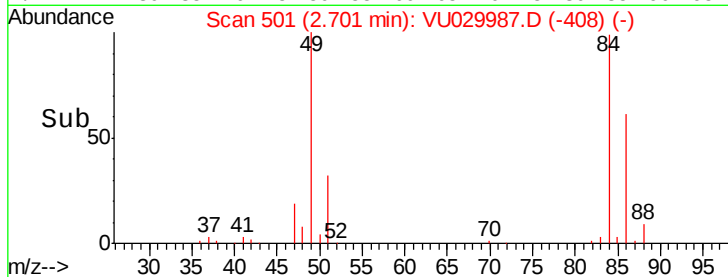
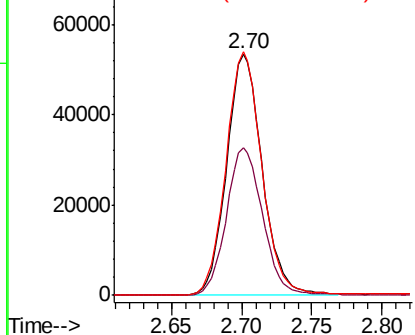
#16
Methylene chloride
Concen: 23.899 ug/L
RT: 2.70 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU029987.D
Acq: 11 Mar 2019 23:47

Instrument :
MSVOA_U
ClientSampleId :
C0961

Tgt Ion: 84 Resp: 94382
Ion Ratio Lower Upper
84 100
86 61.3 45.2 84.0
49 100.8 73.6 136.6

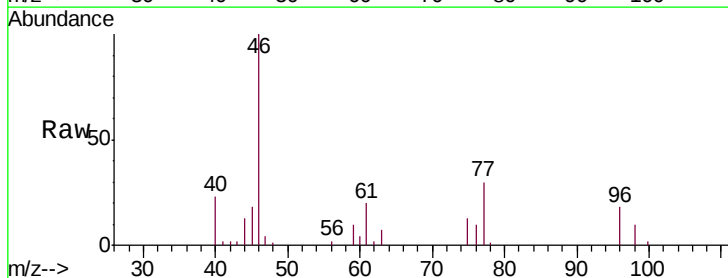


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

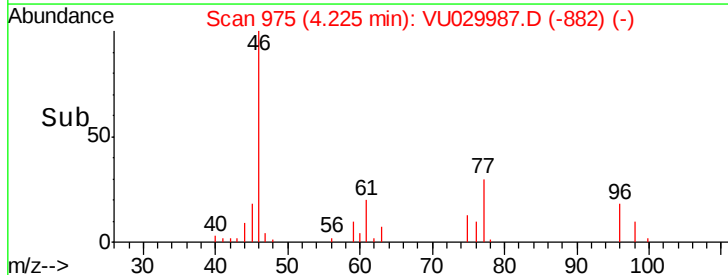
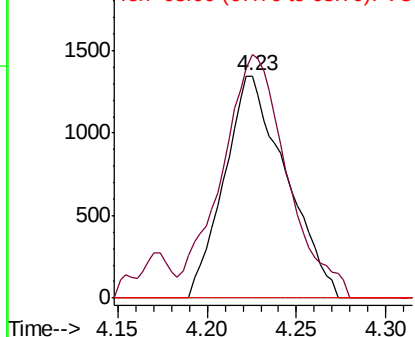


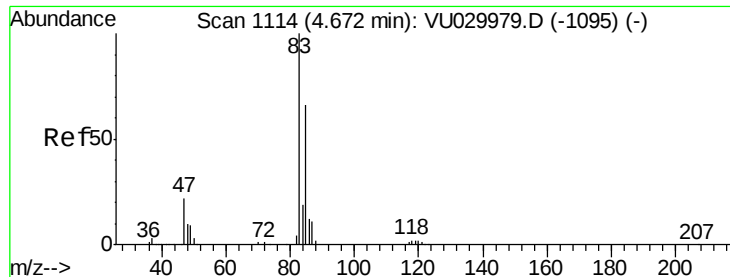
#20
cis-1,2-Dichloroethene
Concen: 0.782 ug/L
RT: 4.23 min Scan# 975
Delta R.T. -0.00 min
Lab File: VU029987.D
Acq: 11 Mar 2019 23:47

Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 109.5 80.8 150.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

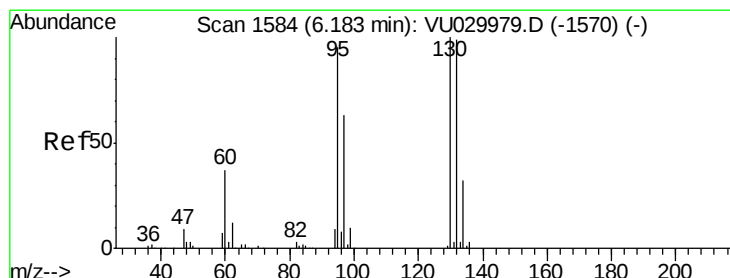
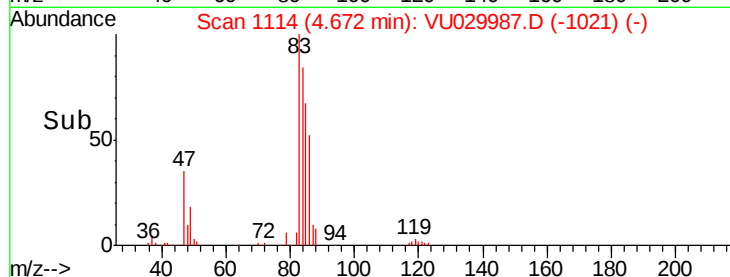
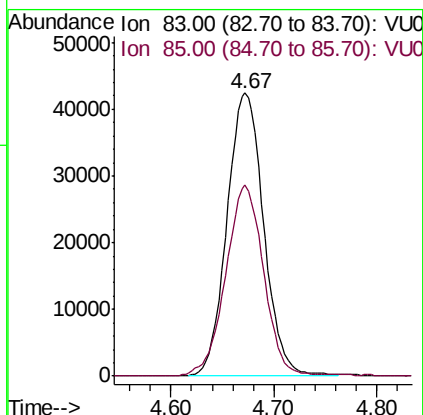
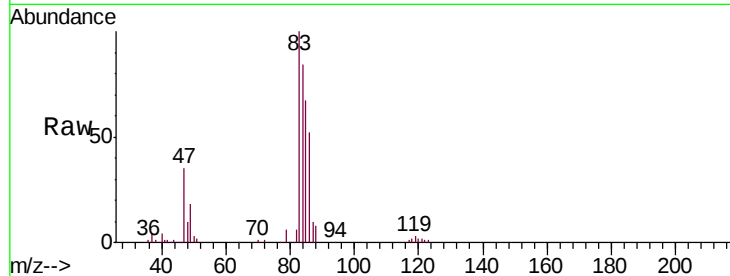




#25
Chloroform
Concen: 16.035 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029987.D
Acq: 11 Mar 2019 23:47

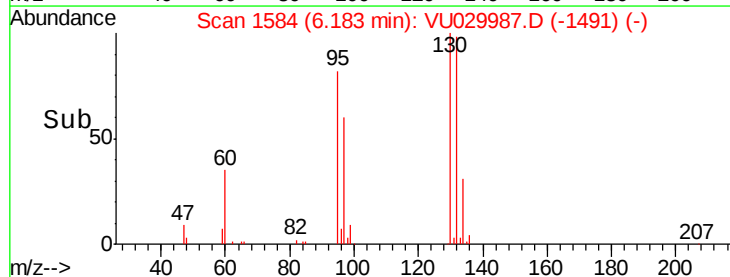
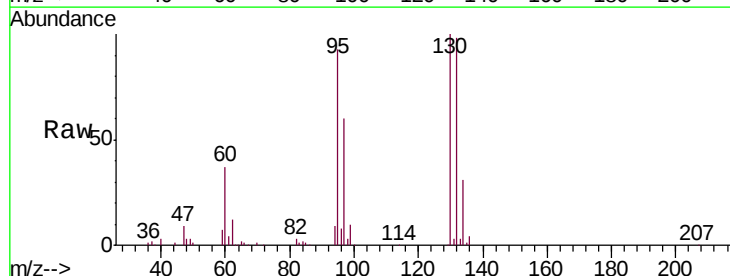
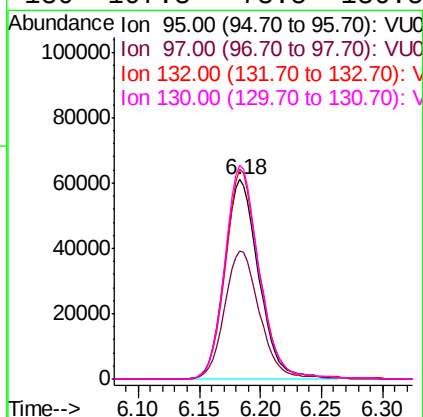
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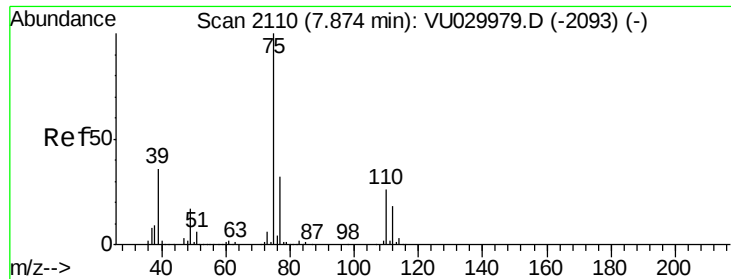
Tgt Ion: 83 Resp: 105241
Ion Ratio Lower Upper
83 100
85 67.4 44.9 83.5



#34
Trichloroethene
Concen: 31.767 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029987.D
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Tgt Ion: 95 Resp: 120175
Ion Ratio Lower Upper
95 100
97 64.4 45.5 84.5
132 105.1 71.5 132.7
130 107.3 73.5 136.5

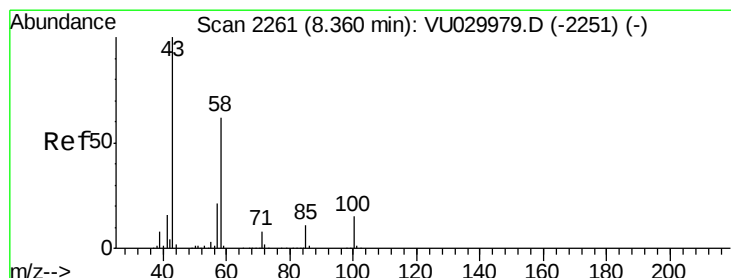
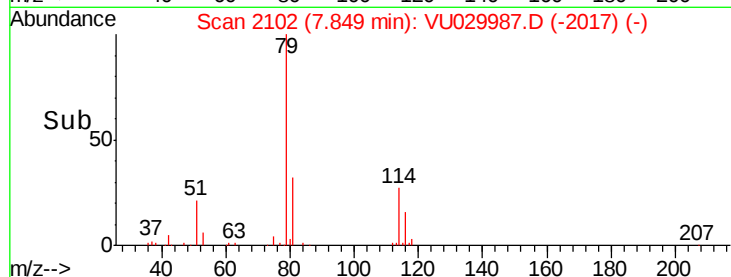
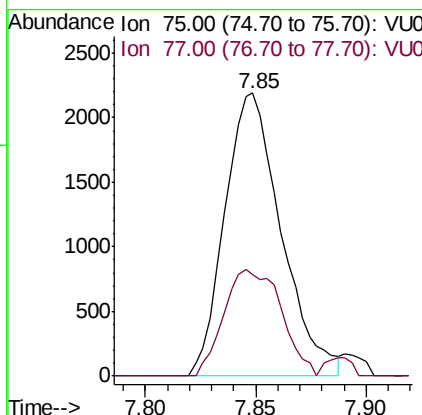
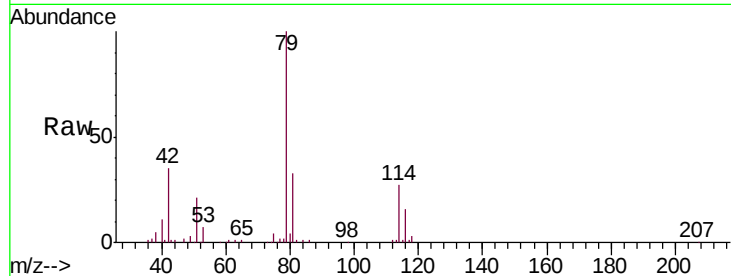




#44
trans-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029987.D
Acq: 11 Mar 2019 23:47

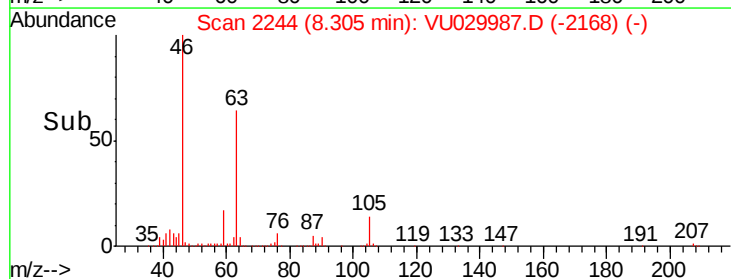
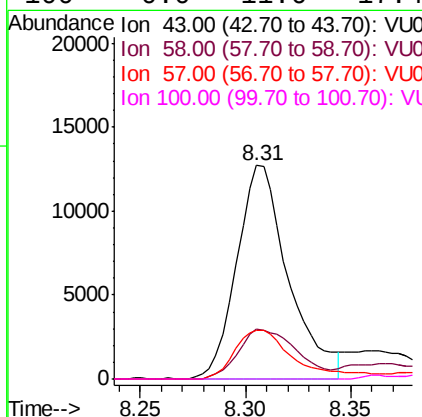
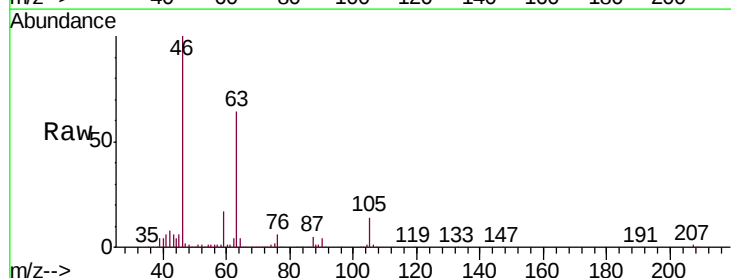
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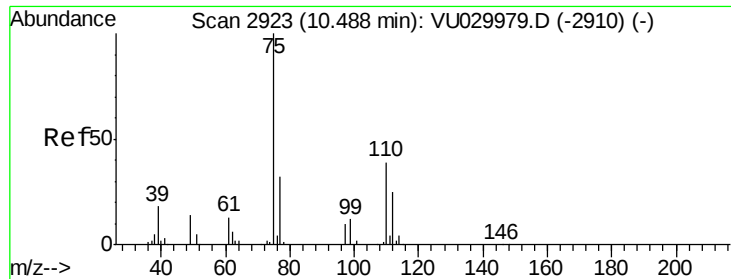
Tgt Ion: 75 Resp: 3880
Ion Ratio Lower Upper
75 100
77 35.8 21.9 40.7



#48
2-Hexanone
Concen: 4.958 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU029987.D
Acq: 11 Mar 2019 23:47

Tgt Ion: 43 Resp: 21684
Ion Ratio Lower Upper
43 100
58 26.3 48.6 72.8#
57 25.0 16.1 24.1#
100 0.0 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.087 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029987.D

Acq: 11 Mar 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 25154

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8

