

Data File : VU029988.D
Acq On : 12 Mar 2019 00:11
Operator : JC/SP
Sample : K1734-15DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B1DL

Quant Time: Mar 12 07:11:04 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	393601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179720	69.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	138.06%#
7) Chloroethane-d5	1.68	69	145647	69.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	138.60%#
11) 1,1-Dichloroethene-d2	2.27	63	237453	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.06%
21) 2-Butanone-d5	4.17	46	262995	134.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.83%#
24) Chloroform-d	4.65	84	309724	66.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.64%#
26) 1,2-Dichloroethane-d4	5.31	65	186329	69.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.12%#
32) Benzene-d6	5.34	84	680064	70.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.76%#
36) 1,2-Dichloropropane-d6	6.33	67	206675	70.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	140.76%#
41) Toluene-d8	7.56	98	612347	68.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.30%#
43) trans-1,3-Dichloropropene-	7.85	79	93867	65.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.98%#
47) 2-Hexanone-d5	8.31	63	221586	134.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.85%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298748	66.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	241575	69.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.26%#

Target Compounds

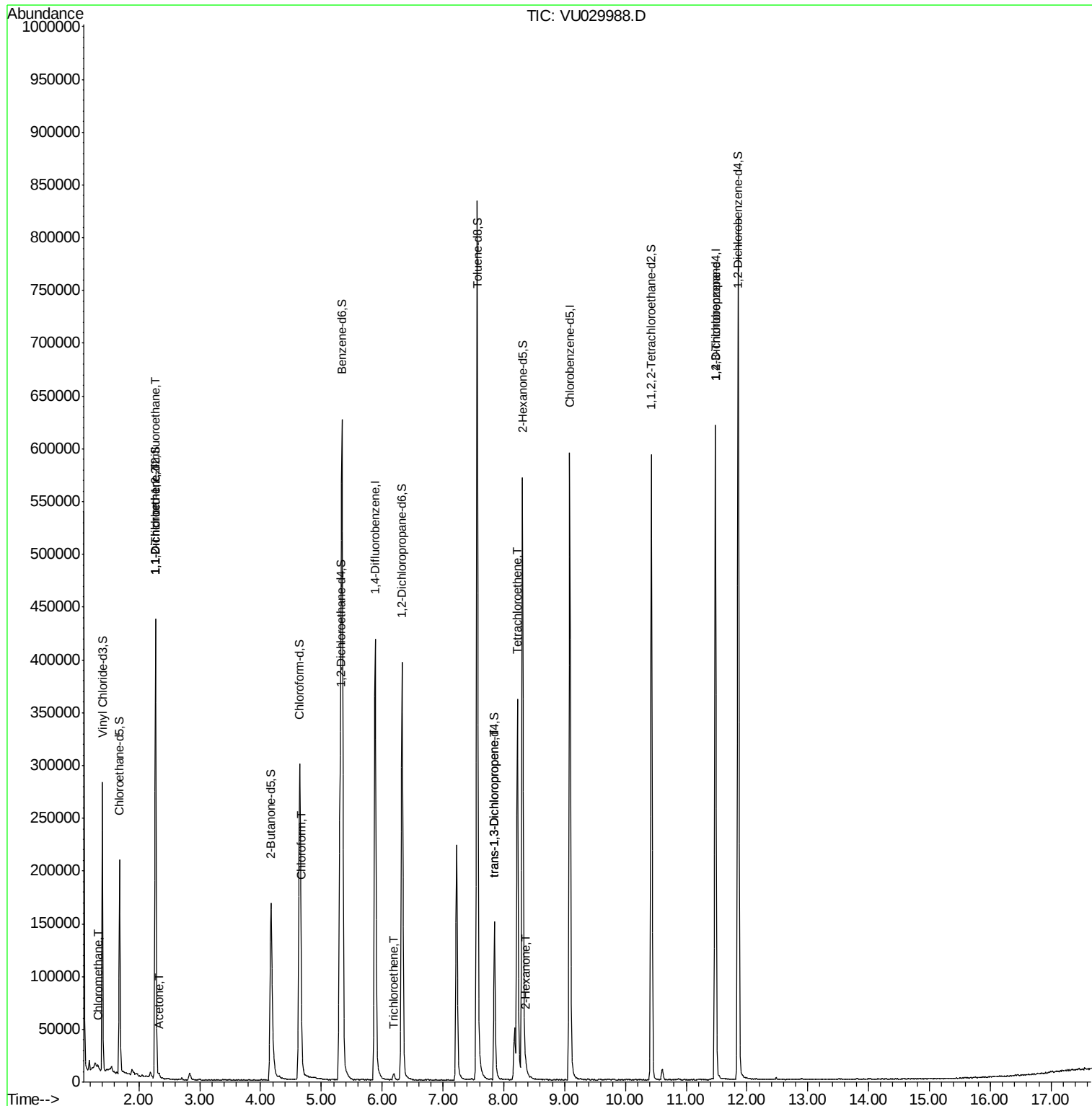
					Qvalue
3) Chloromethane	1.33	50	2974	1.084 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2614	1.011 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	2162	0.876 ug/L #	1
13) Acetone	2.32	43	1377	0.604 ug/L	82
25) Chloroform	4.68	83	12819	2.648 ug/L	91
34) Trichloroethene	6.19	95	2326	0.832 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3467	0.870 ug/L #	76
46) Tetrachloroethene	8.22	164	90260	36.894 ug/L	99
48) 2-Hexanone	8.36	43	3901	1.207 ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	18566	5.081 ug/L	92

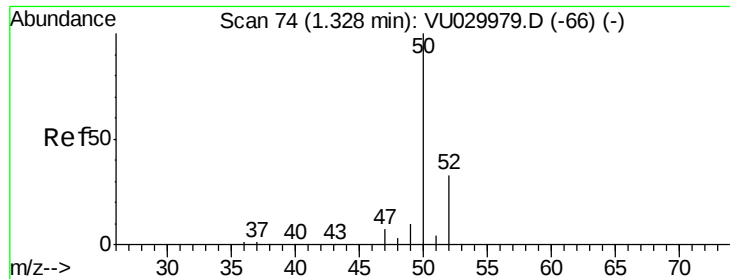
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.084 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

Instrument :

MSVOA_U

ClientSampleId :

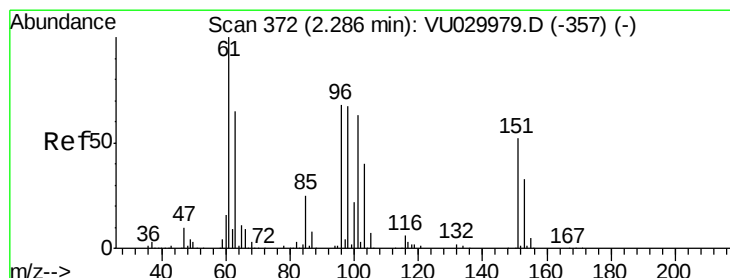
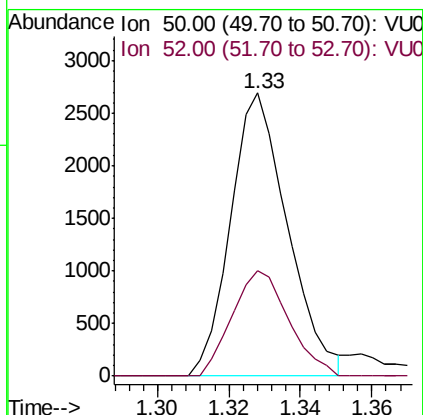
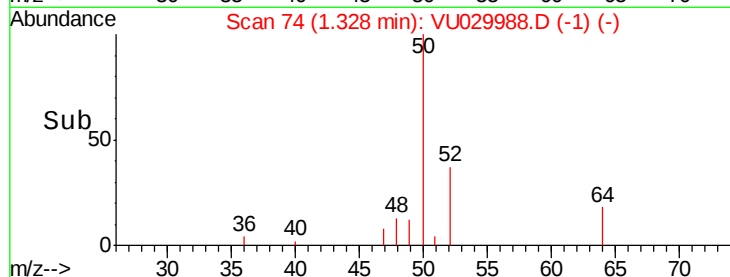
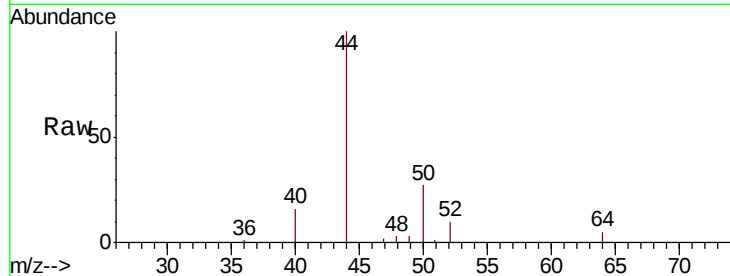
BF1B1DL

Tgt Ion: 50 Resp: 2974

Ion Ratio Lower Upper

50 100

52 37.1 23.4 43.6



#10

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

Concen: 1.011 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

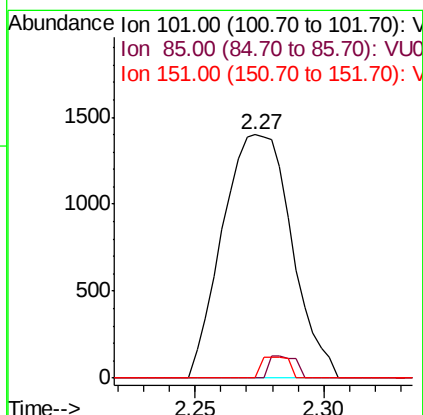
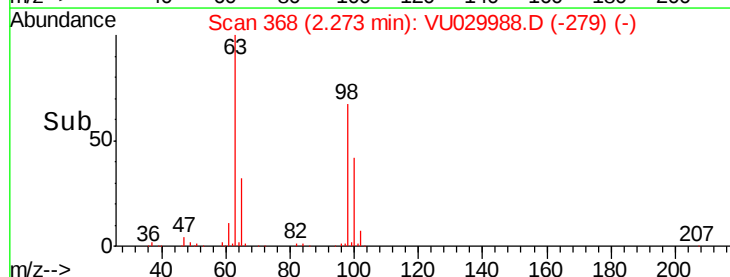
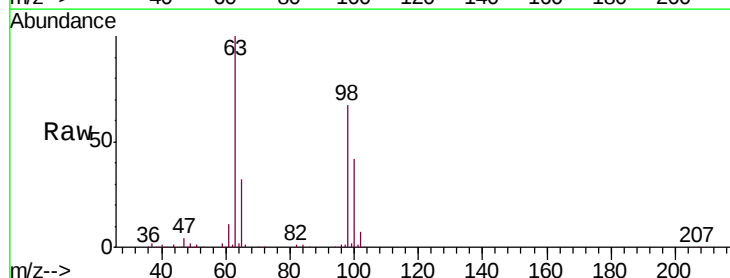
Tgt Ion: 101 Resp: 2614

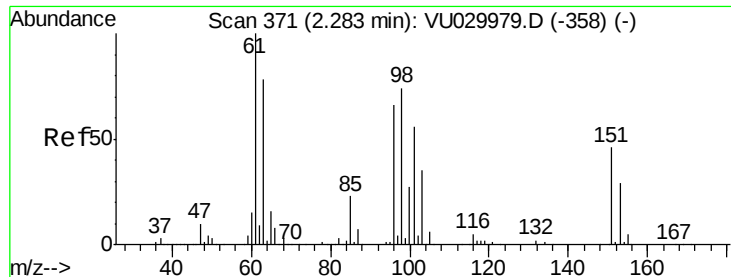
Ion Ratio Lower Upper

101 100

85 3.6 33.0 49.4#

151 0.0 66.1 99.1#

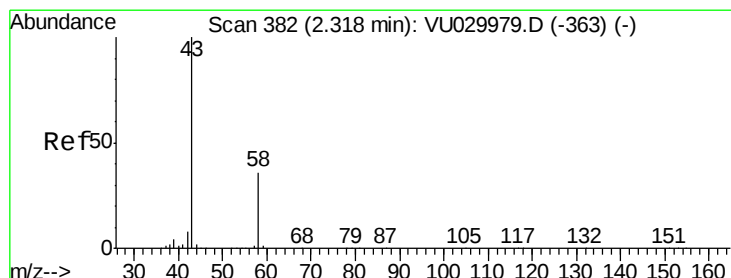
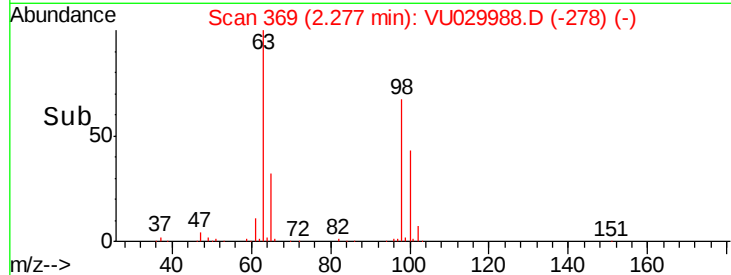
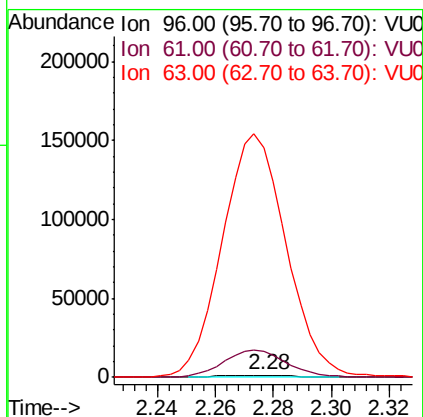
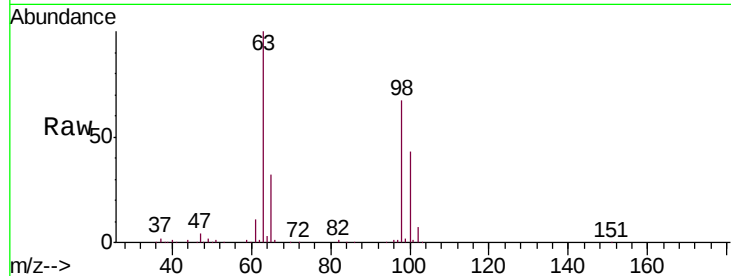




#12
 1,1-Dichloroethene
 Concen: 0.876 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU029988.D
 Acq: 12 Mar 2019 00:11

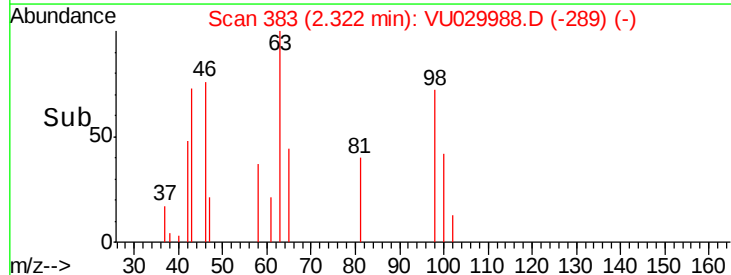
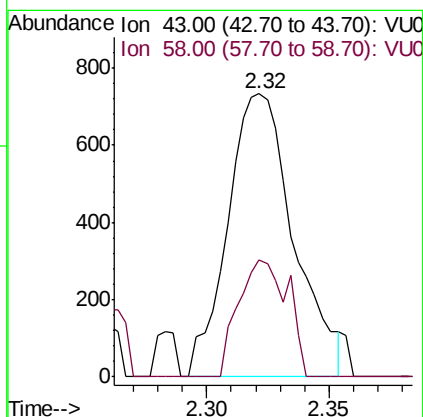
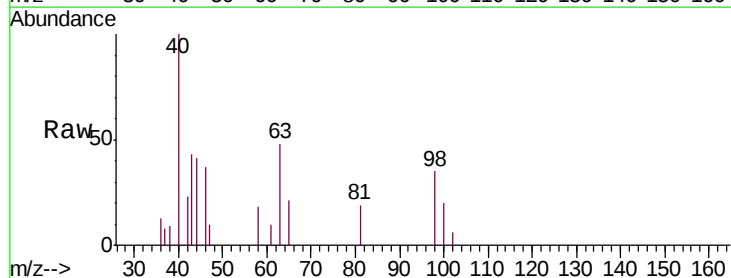
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B1DL

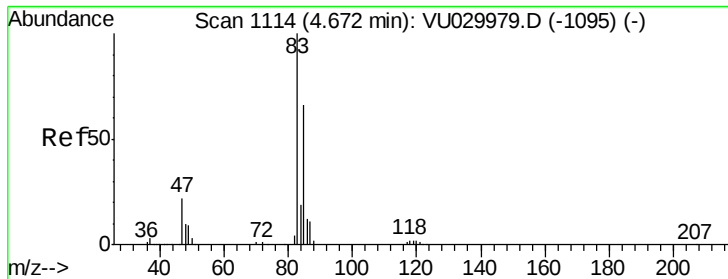
Tgt Ion: 96 Resp: 2162
 Ion Ratio Lower Upper
 96 100
 61 1313.0 110.4 205.0#
 63 11540.3 86.5 160.7#



#13
 Acetone
 Concen: 0.604 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029988.D
 Acq: 12 Mar 2019 00:11

Tgt Ion: 43 Resp: 1377
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 73.0





#25

Chloroform

Concen: 2.648 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

Instrument :

MSVOA_U

ClientSampled :

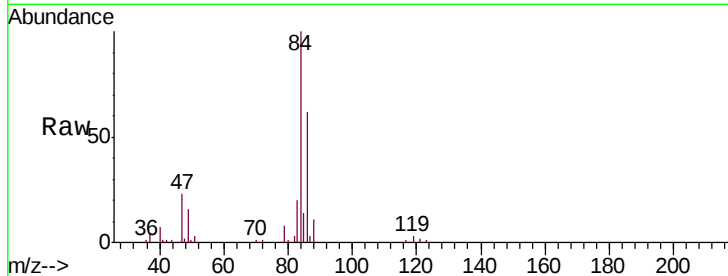
BF1B1DL

Tgt Ion: 83 Resp: 12819

Ion Ratio Lower Upper

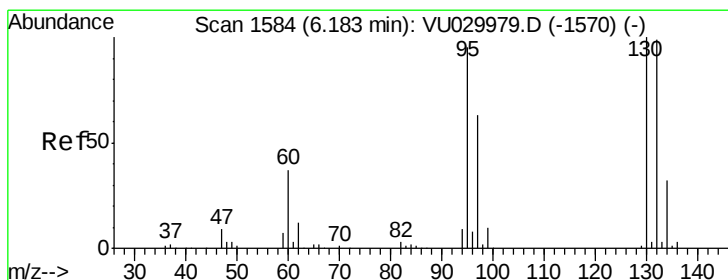
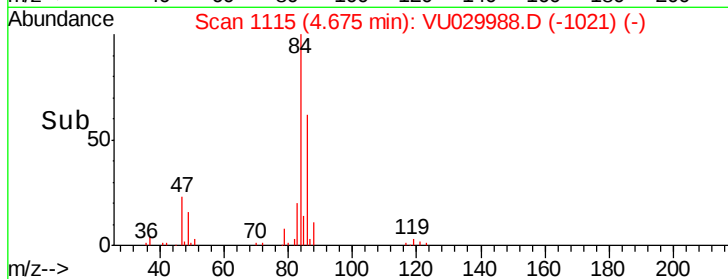
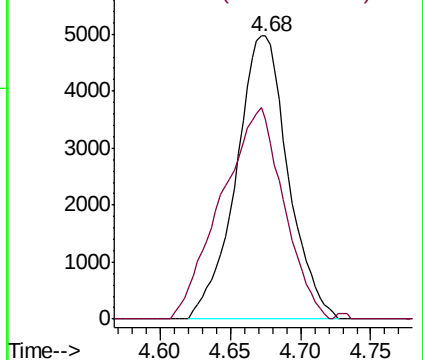
83 100

85 70.9 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 0.832 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

Tgt Ion: 95 Resp: 2326

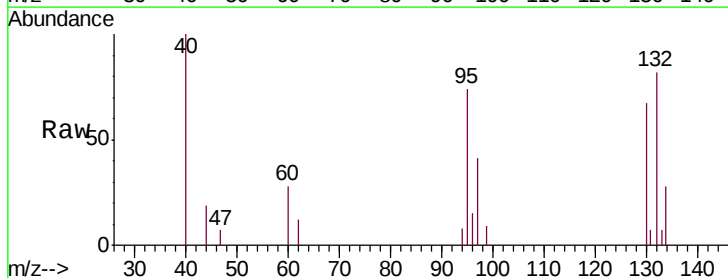
Ion Ratio Lower Upper

95 100

97 55.7 45.5 84.5

132 110.6 71.5 132.7

130 90.6 73.5 136.5

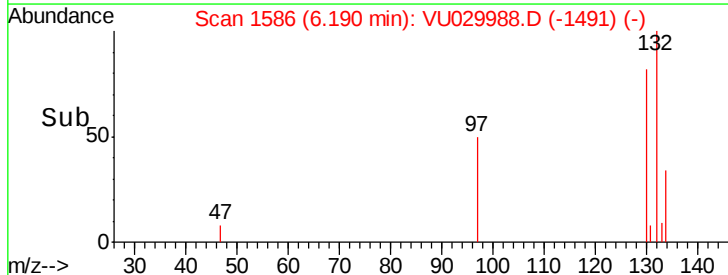
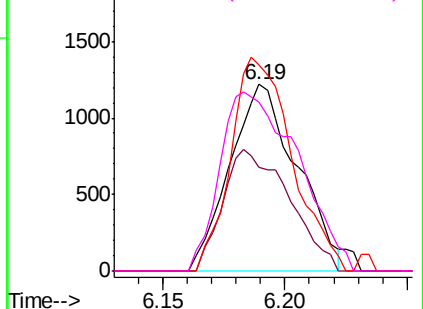


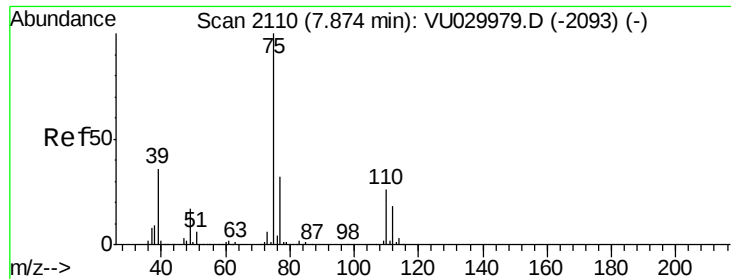
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.870 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

Instrument :

MSVOA_U

ClientSampleId :

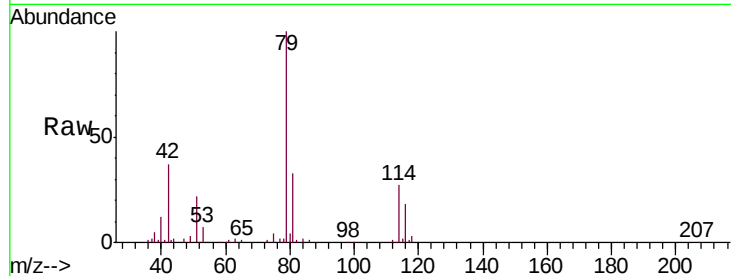
BF1B1DL

Tgt Ion: 75 Resp: 3467

Ion Ratio Lower Upper

75 100

77 44.6 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU029979.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU029979.D (-2093) (-)

7.85

2000

1500

1000

500

0

Time-->

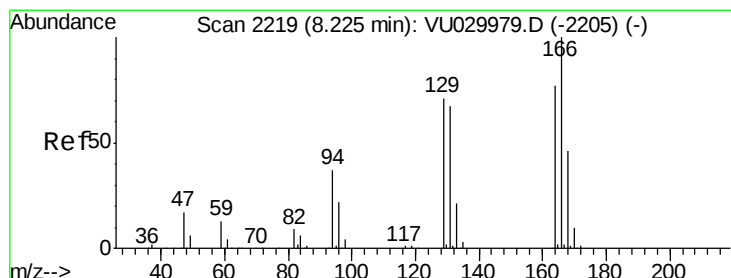
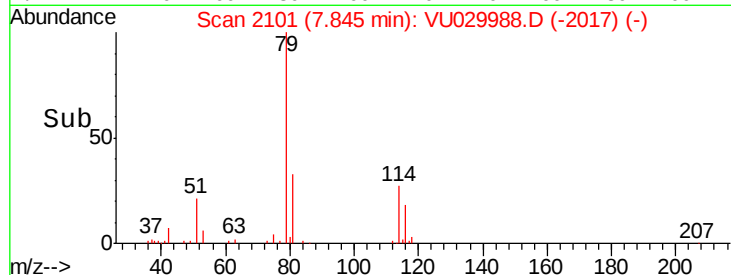
7.80

7.85

7.90

7.95

8.00



#46

Tetrachloroethene

Concen: 36.894 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029988.D

Acq: 12 Mar 2019 00:11

Tgt Ion: 164 Resp: 90260

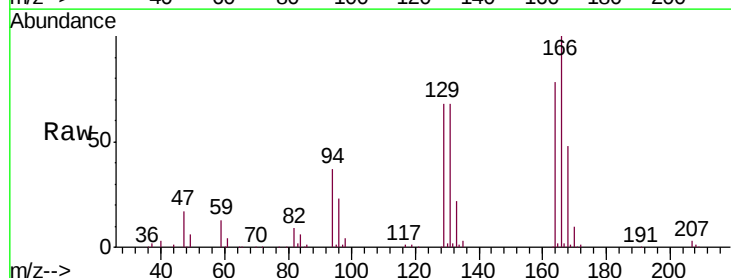
Ion Ratio Lower Upper

164 100

129 87.8 63.3 117.7

131 87.7 62.0 115.2

166 128.9 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU029979.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU029979.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU029979.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU029979.D (-2205) (-)

100000

80000

60000

40000

20000

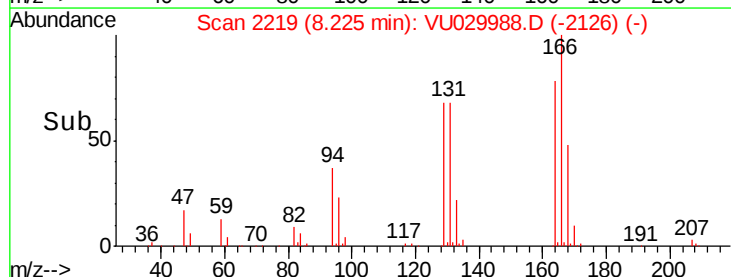
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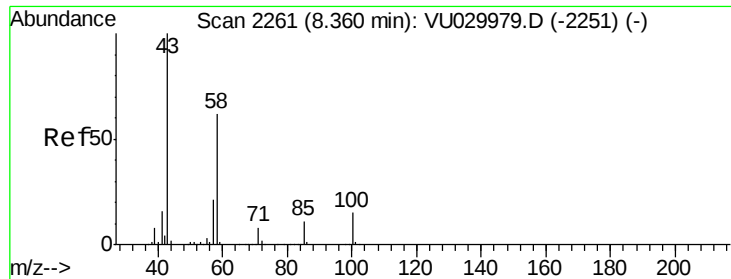
Time-->

8.10

8.20

8.30

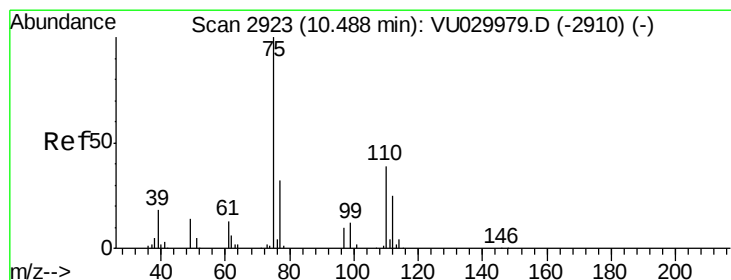
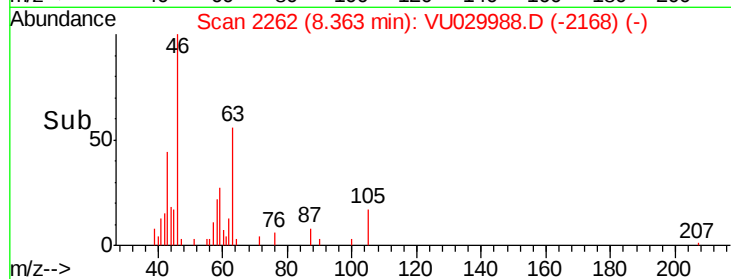
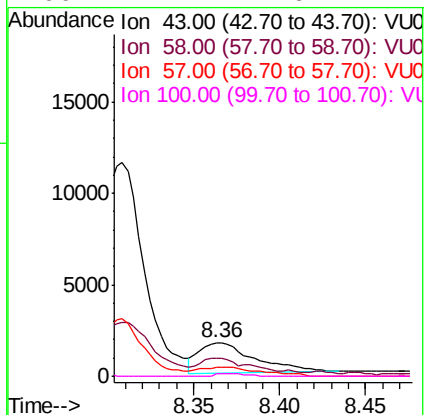
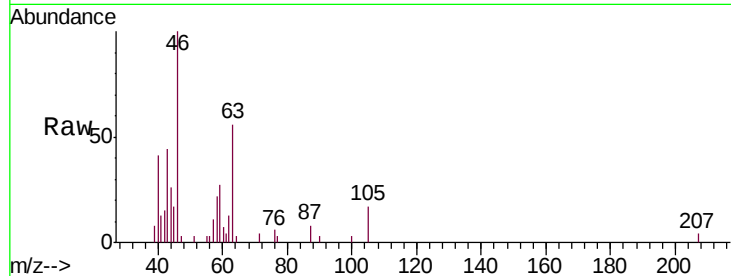




#48
2-Hexanone
Concen: 1.207 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029988.D
Acq: 12 Mar 2019 00:11

Instrument :
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BF1B1DL

Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
58 15.6 48.6 72.8#
57 21.3 16.1 24.1
100 4.1 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.081 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029988.D
Acq: 12 Mar 2019 00:11

Tgt Ion: 75 Resp: 18566
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.8

