

Data File : VU030764.D
Acq On : 06 Apr 2019 00:17
Operator : JC/SP
Sample : K2260-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ57

Quant Time: Apr 06 02:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170919	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	197898	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.68	69	159416	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.26%
11) 1,1-Dichloroethene-d2	2.55	63	190	0.03	ug/L	0.28
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.17	46	328222	108.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.69%
24) Chloroform-d	4.64	84	302121	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
26) 1,2-Dichloroethane-d4	5.31	65	217826	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
32) Benzene-d6	5.34	84	634680	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.33	67	223424	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.56	98	538937	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%
43) trans-1,3-Dichloropropene-	7.85	79	90007	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.31	63	182578	94.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298540	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	179827	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

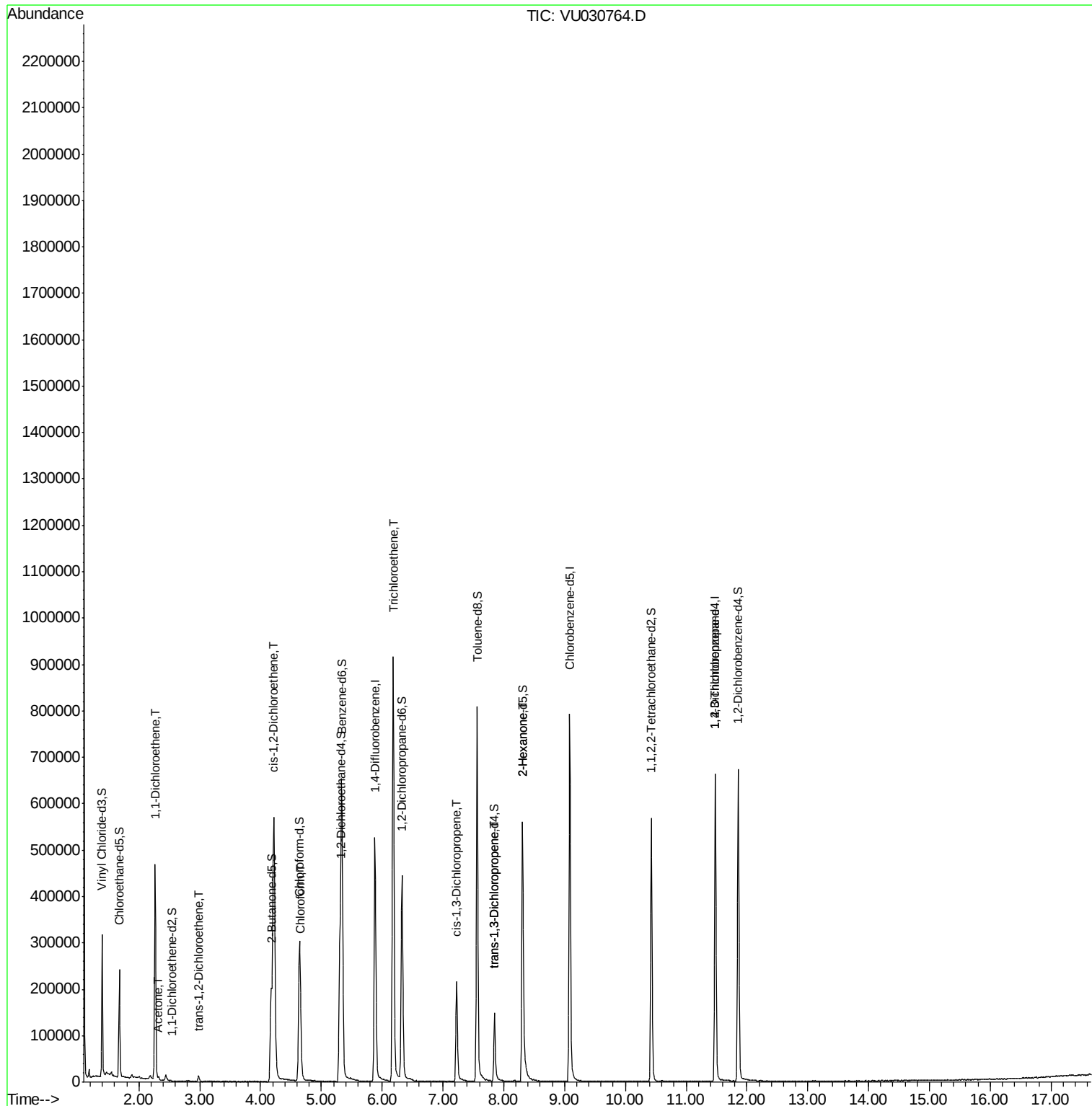
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3367	1.141 ug/L #	1
13) Acetone	2.32	43	4316	1.397 ug/L	77
17) trans-1,2-Dichloroethene	2.98	96	4688	1.496 ug/L	80
20) cis-1,2-Dichloroethene	4.22	96	305971	88.454 ug/L	96
25) Chloroform	4.67	83	19072	2.935 ug/L	95
34) Trichloroethene	6.18	95	341044	100.031 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4882	0.871 ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	3340	0.676 ug/L	92
48) 2-Hexanone	8.31	43	24227	4.906 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	24194	5.132 ug/L	96

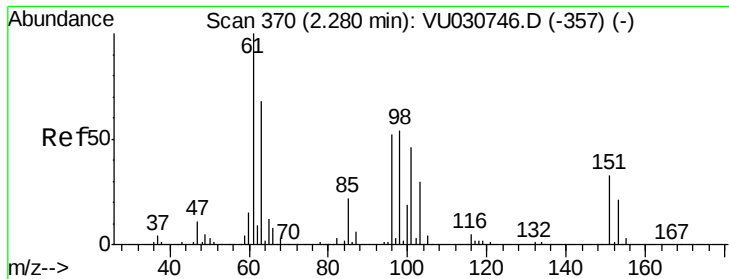
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.141 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030764.D

Acq: 06 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

ETJ57

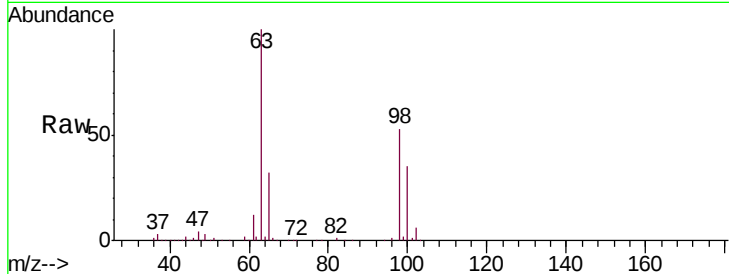
Tgt Ion: 96 Resp: 3367

Ion Ratio Lower Upper

96 100

61 1053.4 132.0 245.2#

63 8726.6 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU030764.D (-368) (-)

Ion 61.00 (60.70 to 61.70): VU030764.D (-368) (-)

Ion 63.00 (62.70 to 63.70): VU030764.D (-368) (-)

250000

200000

150000

100000

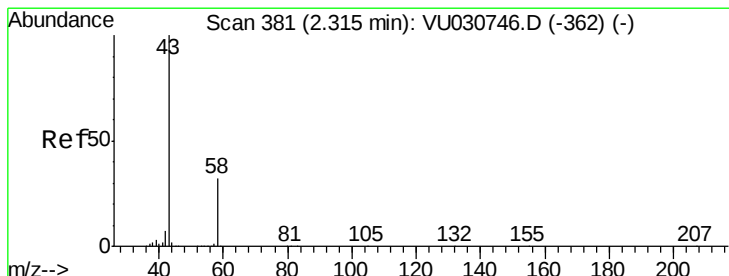
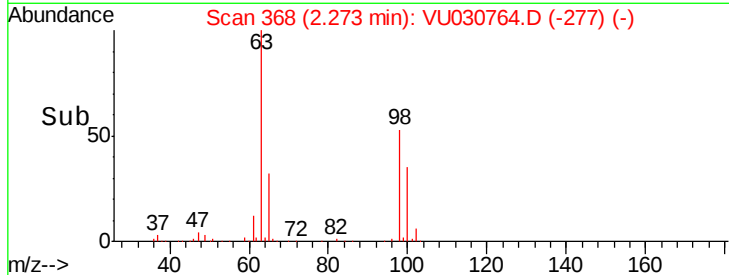
50000

0

2.25

2.30

Time-->



#13

Acetone

Concen: 1.397 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030764.D

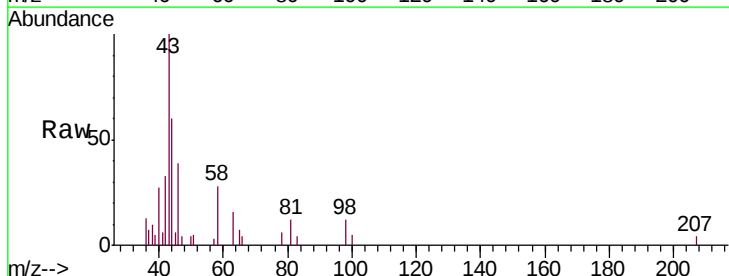
Acq: 06 Apr 2019 00:17

Tgt Ion: 43 Resp: 4316

Ion Ratio Lower Upper

43 100

58 19.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030764.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU030764.D (-382) (-)

3000

2000

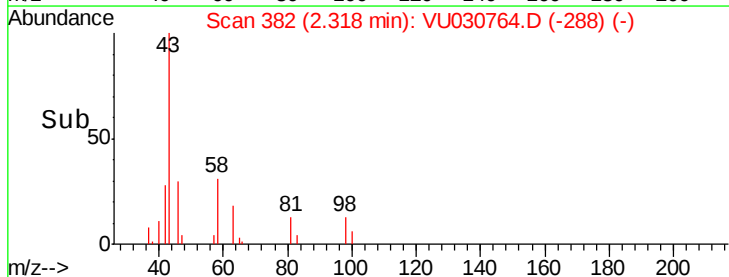
1000

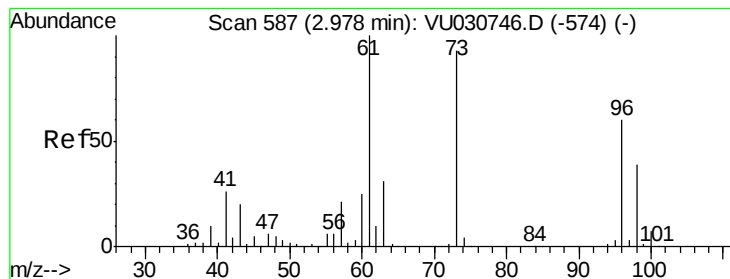
0

2.30

2.35

Time-->





#17

trans-1,2-Dichloroethene

Concen: 1.496 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030764.D

Acq: 06 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampled :

ETJ57

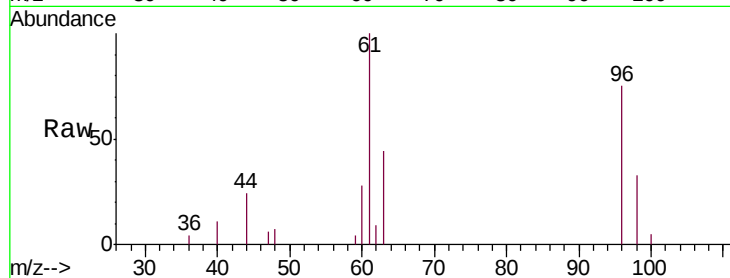
Tgt Ion: 96 Resp: 4688

Ion Ratio Lower Upper

96 100

61 132.9 109.5 203.3

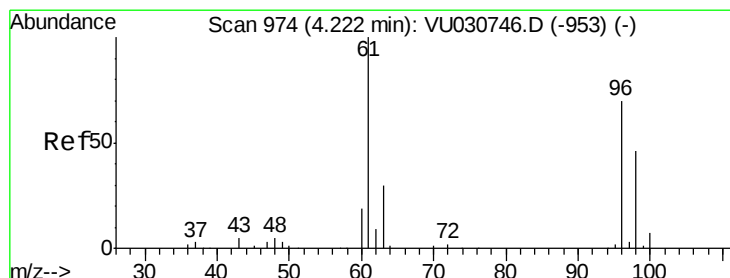
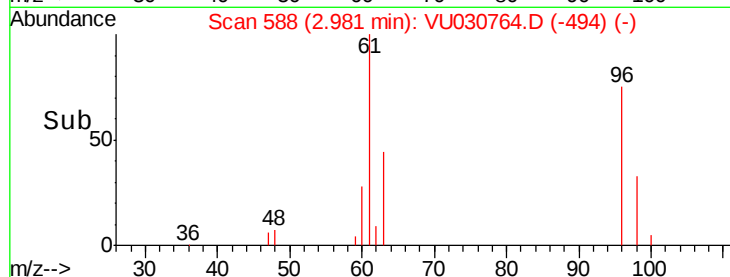
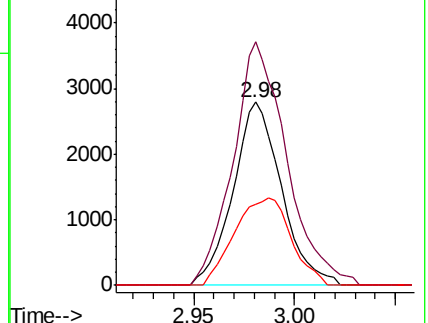
98 44.2 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030746.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU030746.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU030746.D (-574) (-)



#20

cis-1,2-Dichloroethene

Concen: 88.454 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030764.D

Acq: 06 Apr 2019 00:17

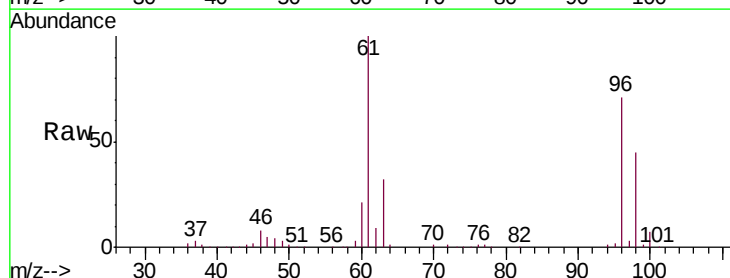
Tgt Ion: 96 Resp: 305971

Ion Ratio Lower Upper

96 100

61 141.5 102.9 191.1

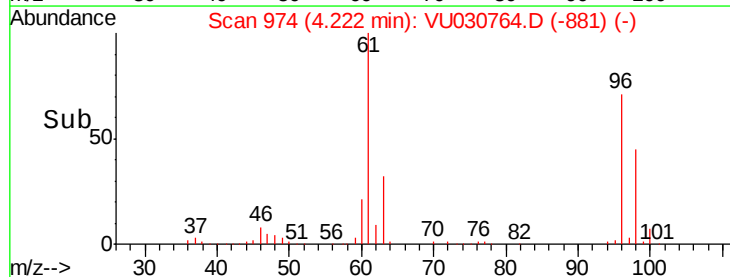
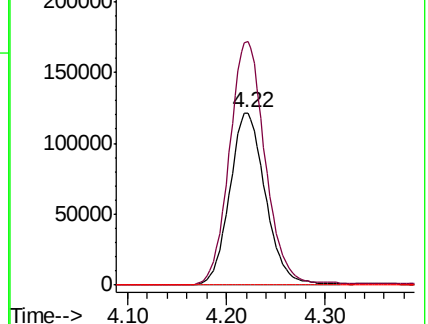
68 0.0 0.0 0.0

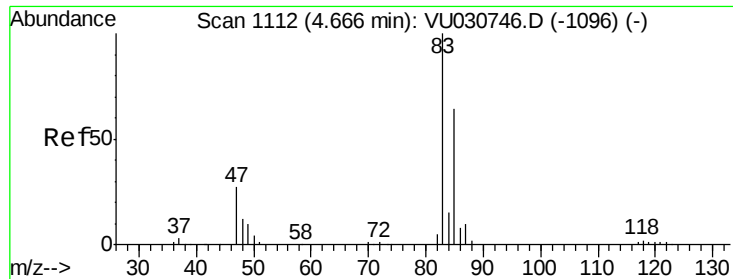


Abundance Ion 96.00 (95.70 to 96.70): VU030746.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VU030746.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU030746.D (-953) (-)

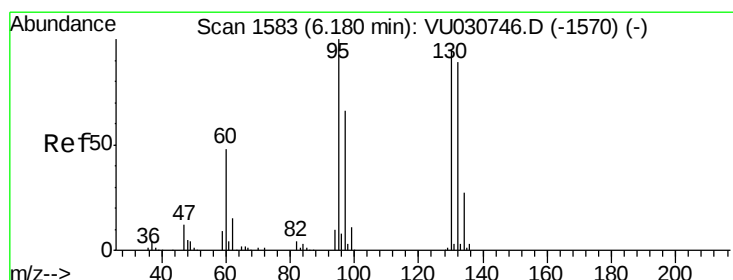
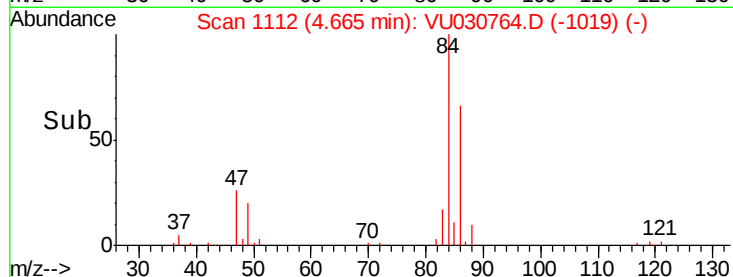
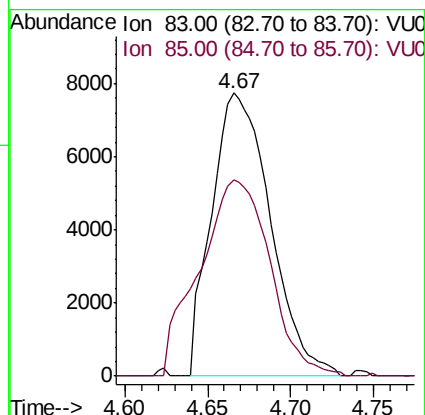
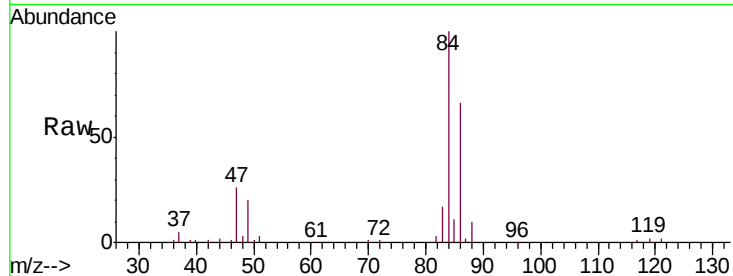




#25
Chloroform
Concen: 2.935 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030764.D
Acq: 06 Apr 2019 00:17

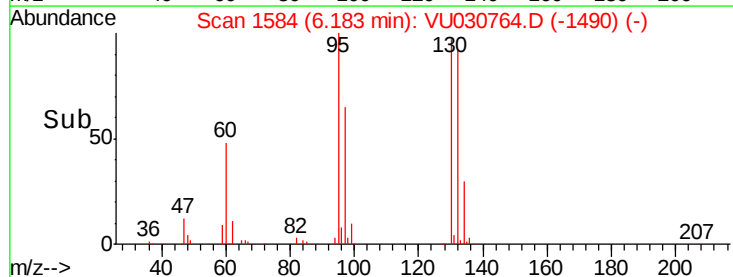
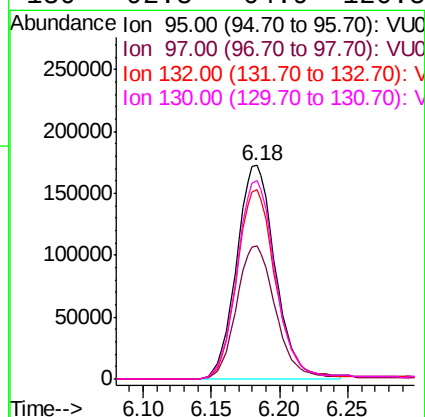
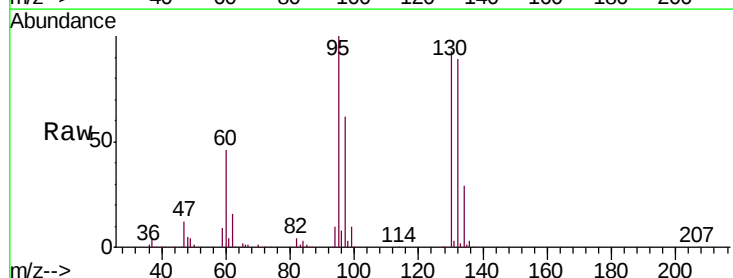
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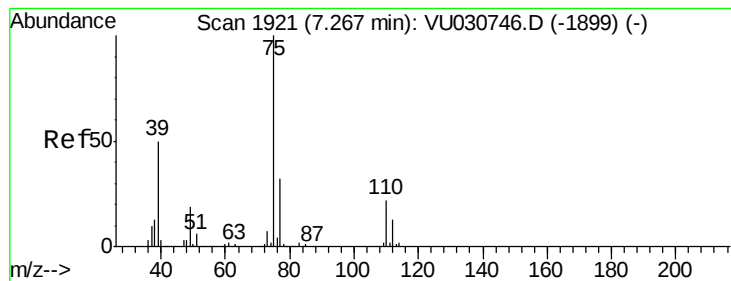
Tgt Ion: 83 Resp: 19072
Ion Ratio Lower Upper
83 100
85 69.3 45.8 85.0



#34
Trichloroethene
Concen: 100.031 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030764.D
Acq: 06 Apr 2019 00:17

Tgt Ion: 95 Resp: 341044
Ion Ratio Lower Upper
95 100
97 62.2 44.5 82.7
132 88.5 61.5 114.1
130 92.8 64.9 120.5





#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030764.D

Acq: 06 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

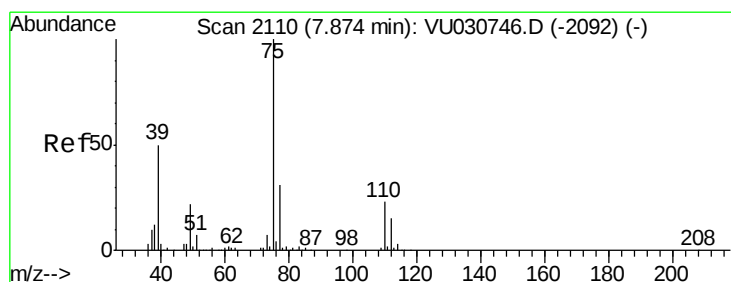
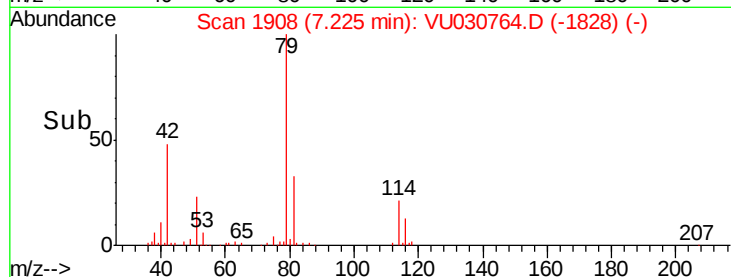
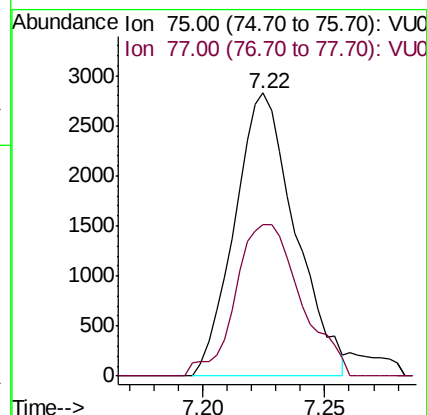
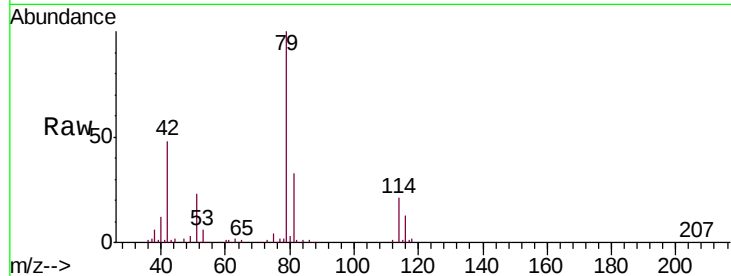
ETJ57

Tgt Ion: 75 Resp: 4882

Ion Ratio Lower Upper

75 100

77 53.4 23.1 42.9#



#44

trans-1,3-Dichloropropene

Concen: 0.676 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030764.D

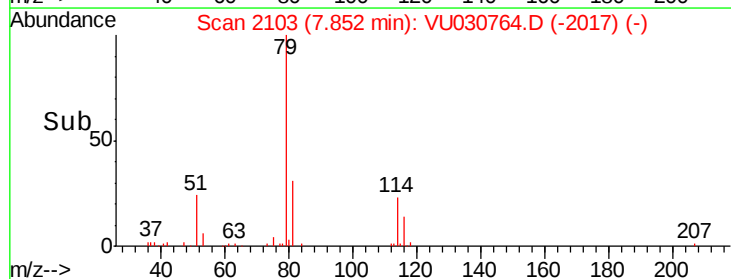
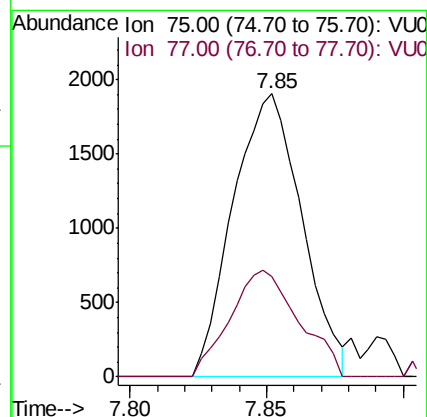
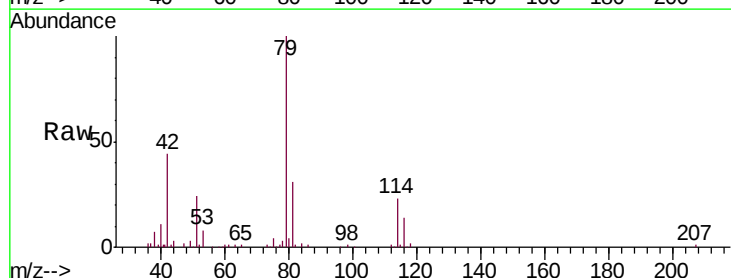
Acq: 06 Apr 2019 00:17

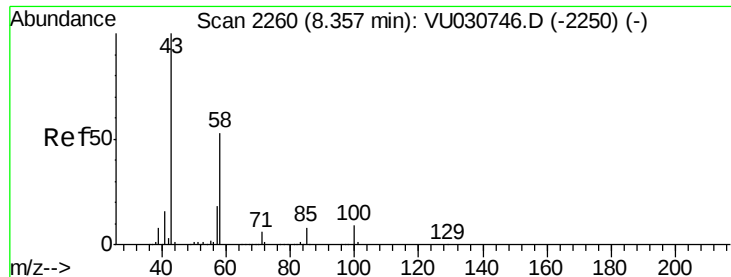
Tgt Ion: 75 Resp: 3340

Ion Ratio Lower Upper

75 100

77 35.3 21.6 40.0

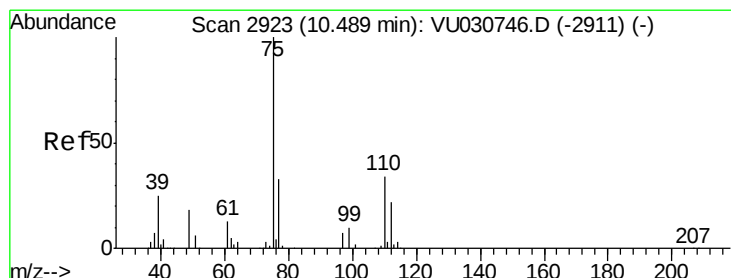
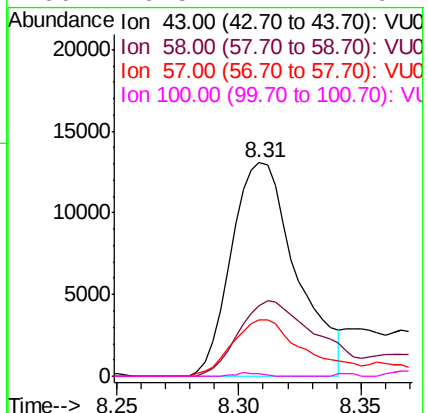
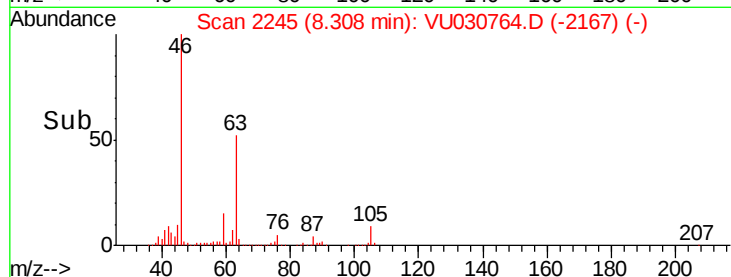
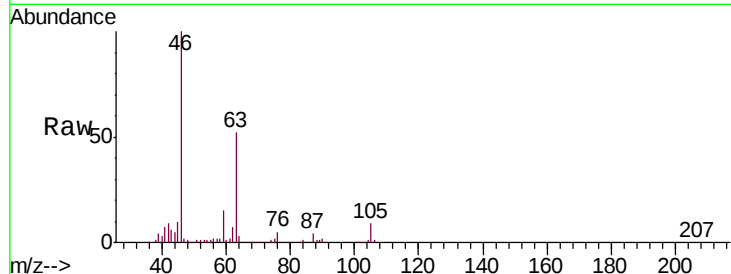




#48
 2-Hexanone
 Concen: 4.906 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030764.D
 Acq: 06 Apr 2019 00:17

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ57

Tgt Ion: 43 Resp: 24227
 Ion Ratio Lower Upper
 43 100
 58 42.7 41.9 62.9
 57 29.3 14.3 21.5#
 100 0.5 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.132 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030764.D
 Acq: 06 Apr 2019 00:17

Tgt Ion: 75 Resp: 24194
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.1 39.1

