

Data File : VU030766.D
Acq On : 06 Apr 2019 01:03
Operator : JC/SP
Sample : K2260-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ58

Quant Time: Apr 06 02:24:00 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	470867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	210614	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	164450	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.10%
11) 1,1-Dichloroethene-d2	2.27	63	309295	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
21) 2-Butanone-d5	4.17	46	342257	102.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.64	84	282517	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.30	65	227953	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.34	84	678604	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.32	67	232652	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.56	98	588616	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	96989	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.31	63	209037	100.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306697	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	193443	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

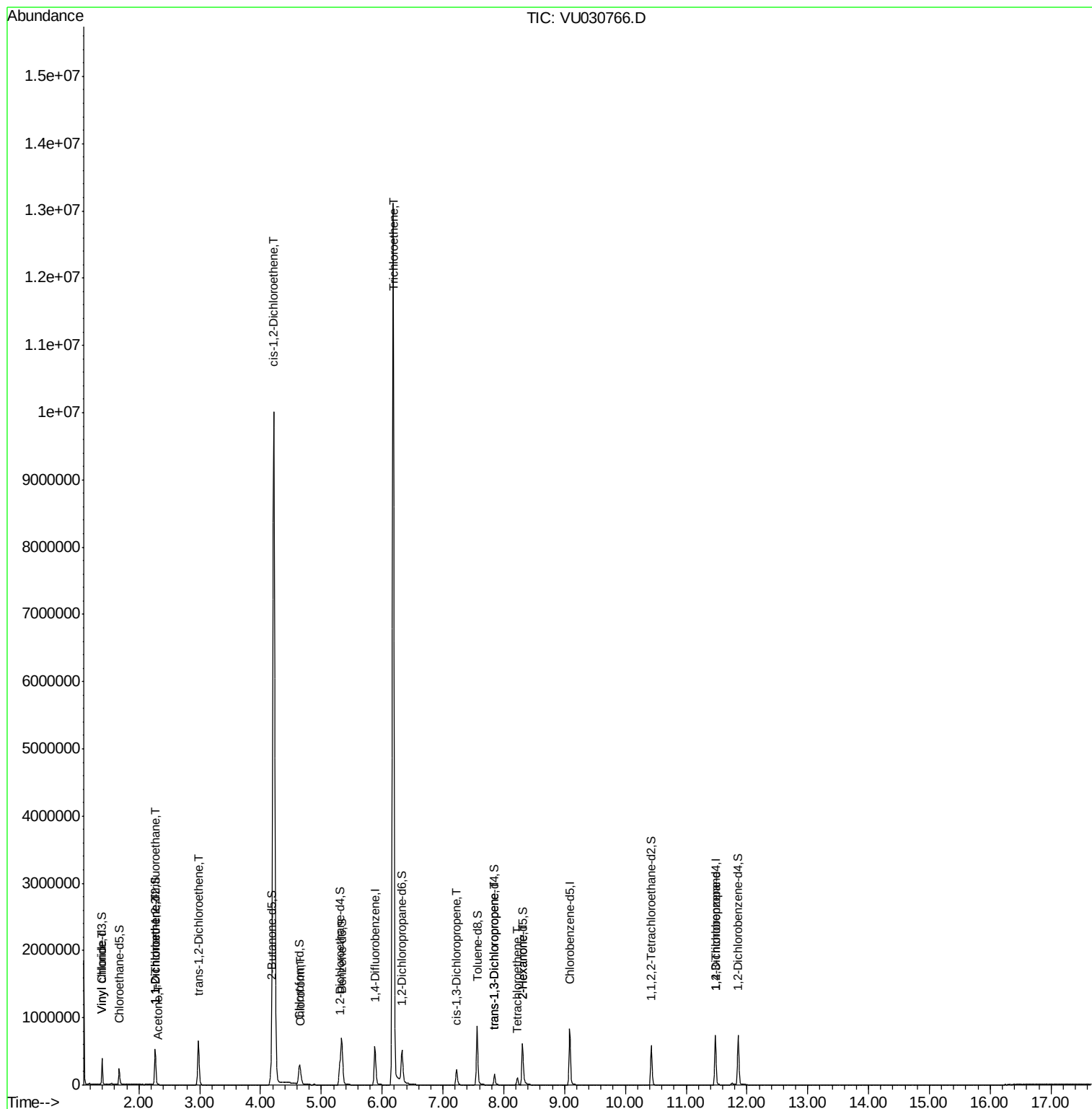
						Qvalue
5) Vinyl chloride	1.40	62	37534	7.248	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2626	0.779	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	25684	7.891	ug/L #	1
13) Acetone	2.32	43	4995	1.465	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	248466	71.895	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5376292	1408.895	ug/L	98
25) Chloroform	4.67	83	47996	6.696	ug/L	99
34) Trichloroethene	6.18	95	4686304	1289.007	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5353	0.896	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3526	0.670	ug/L	93
46) Tetrachloroethene	8.22	164	22905	8.666	ug/L	96
48) 2-Hexanone	8.31	43	26440	5.021	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	23572	4.689	ug/L	92

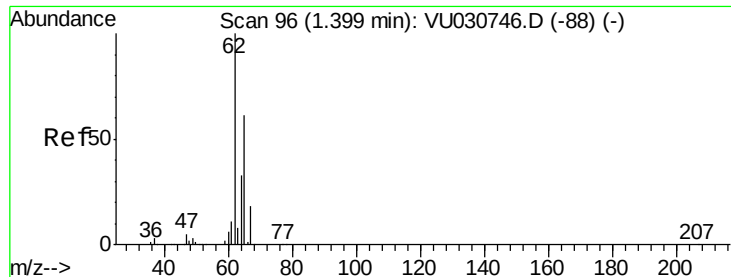
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.248 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

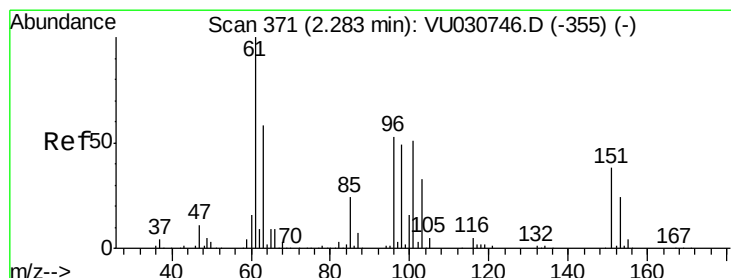
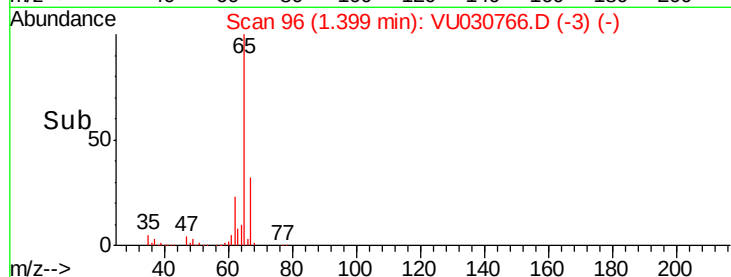
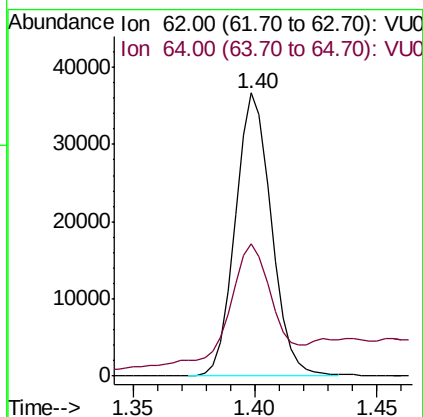
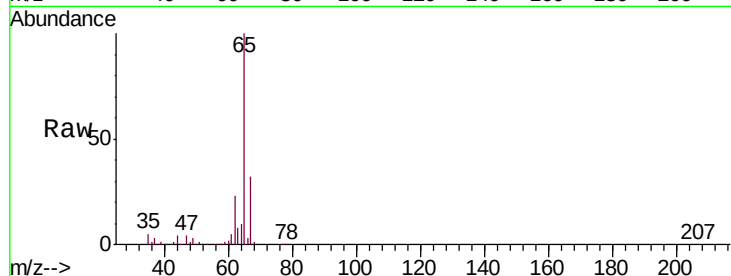
ETJ58

Tgt Ion: 62 Resp: 37534

Ion Ratio Lower Upper

62 100

64 46.6 21.5 39.9#



#10

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

Concen: 0.779 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

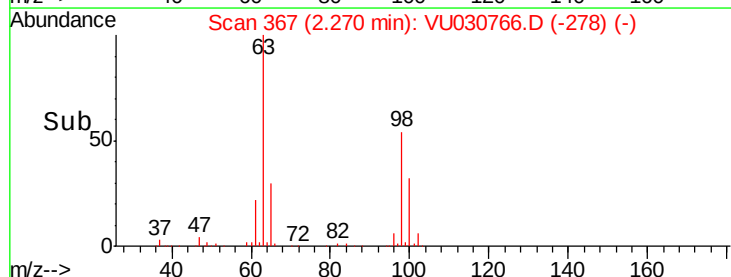
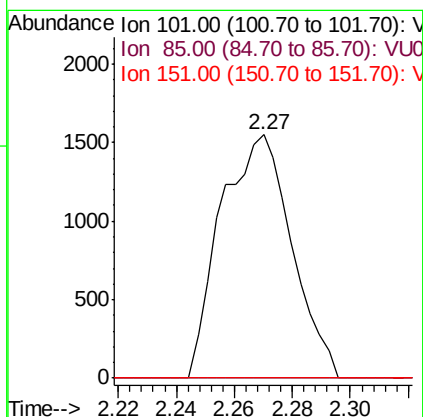
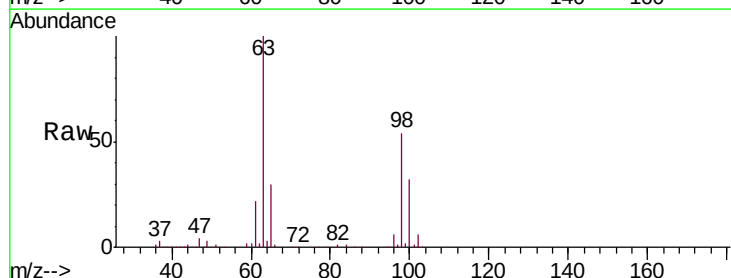
Tgt Ion: 101 Resp: 2626

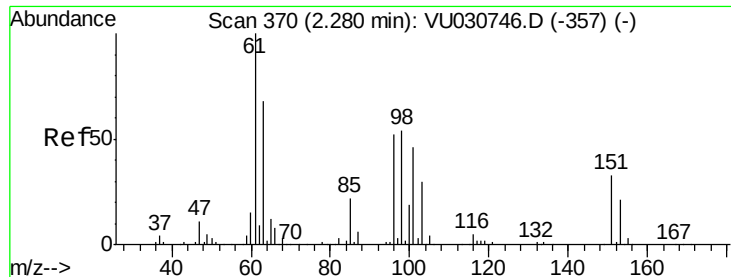
Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

151 0.0 57.4 86.0#

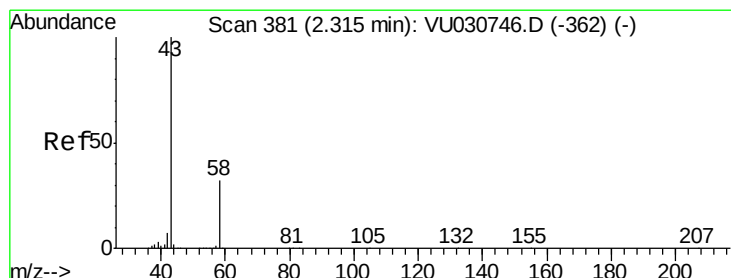
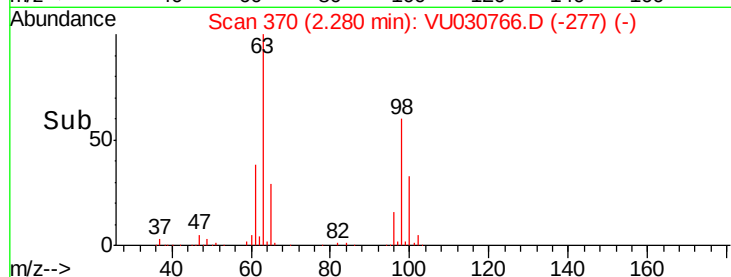
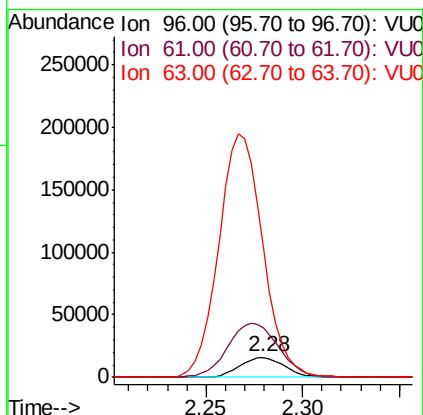
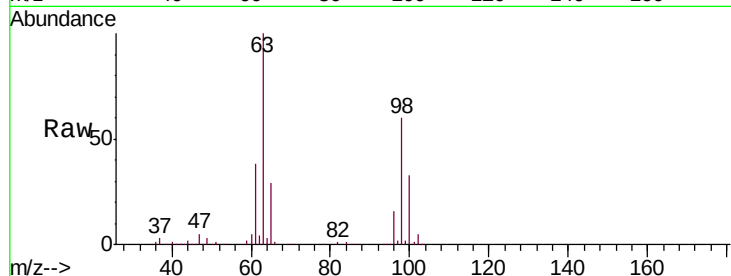




#12
 1,1-Dichloroethene
 Concen: 7.891 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU030766.D
 Acq: 06 Apr 2019 01:03

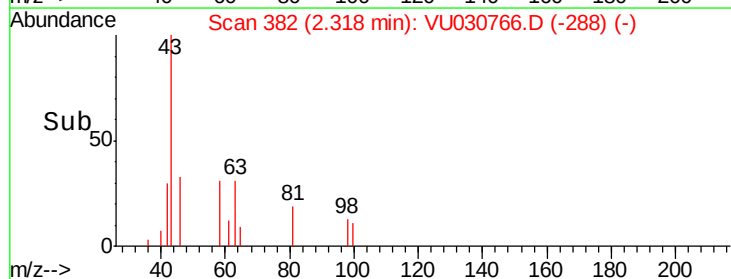
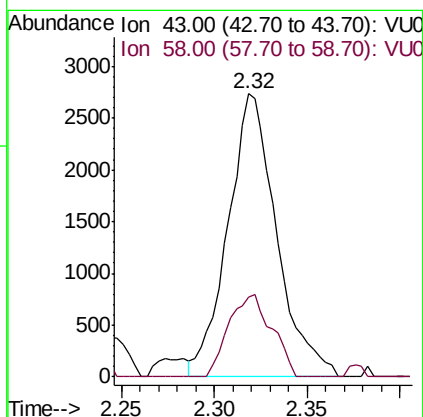
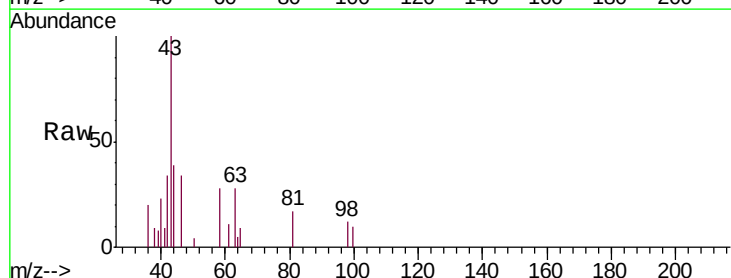
Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ58

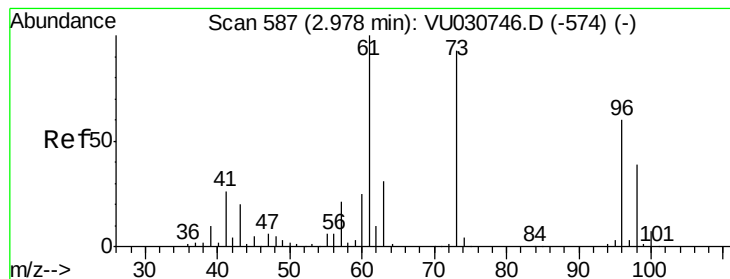
Tgt Ion: 96 Resp: 25684
 Ion Ratio Lower Upper
 96 100
 61 240.6 132.0 245.2
 63 625.9 90.9 168.9#



#13
 Acetone
 Concen: 1.465 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU030766.D
 Acq: 06 Apr 2019 01:03

Tgt Ion: 43 Resp: 4995
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 64.0





#17

trans-1,2-Dichloroethene

Concen: 71.895 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

ETJ58

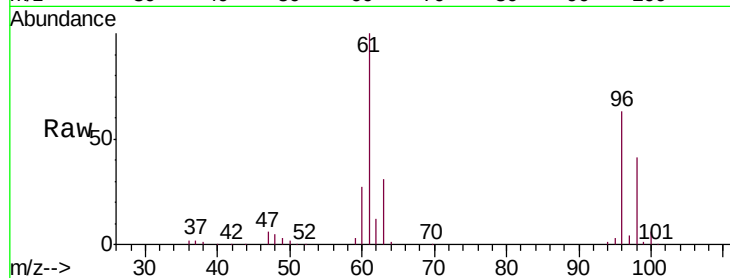
Tgt Ion: 96 Resp: 248466

Ion Ratio Lower Upper

96 100

61 158.9 109.5 203.3

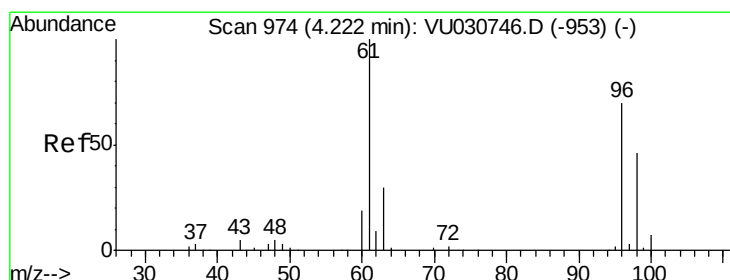
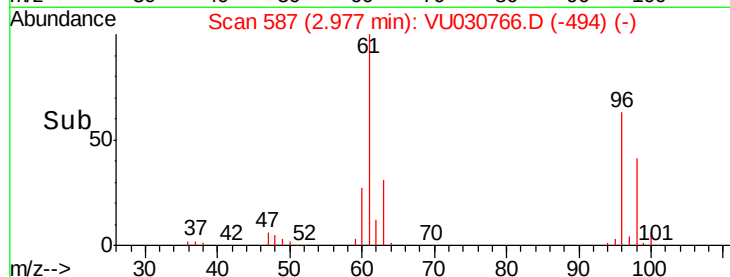
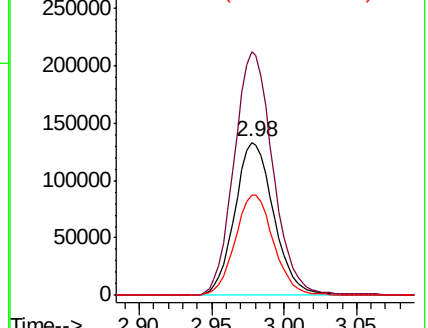
98 65.2 44.0 81.6



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: 1408.895 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

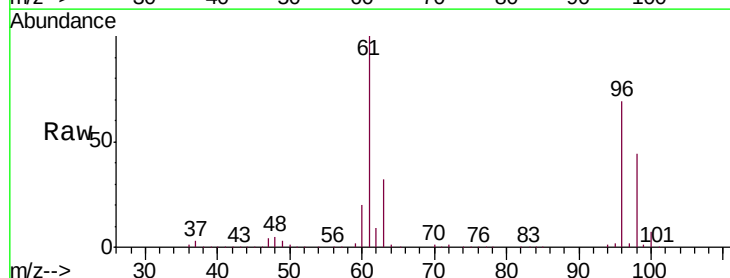
Tgt Ion: 96 Resp: 5376292

Ion Ratio Lower Upper

96 100

61 145.0 102.9 191.1

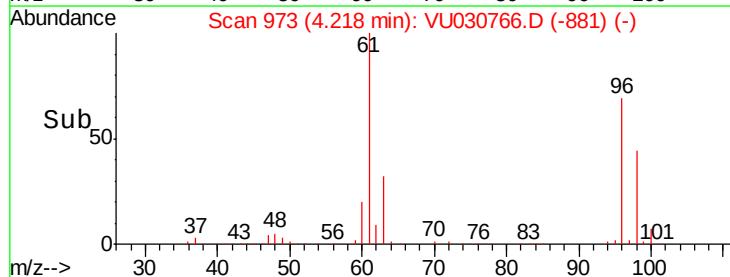
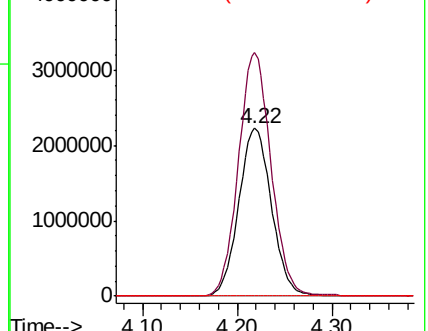
68 0.0 0.0 0.0

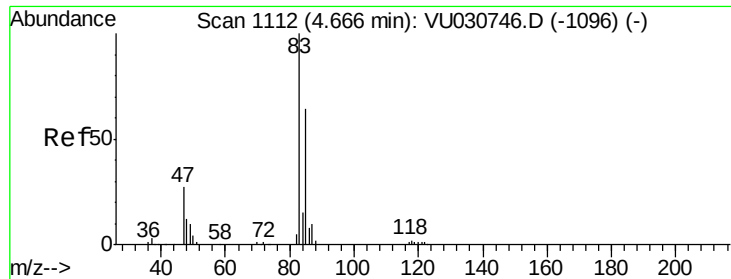


Abundance Ion 96.00 (95.70 to 96.70): VU030746.D (-953) (-)

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

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

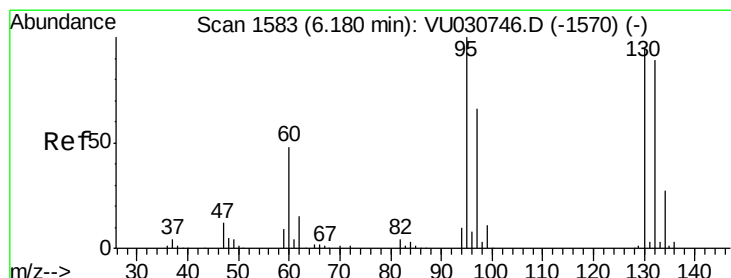
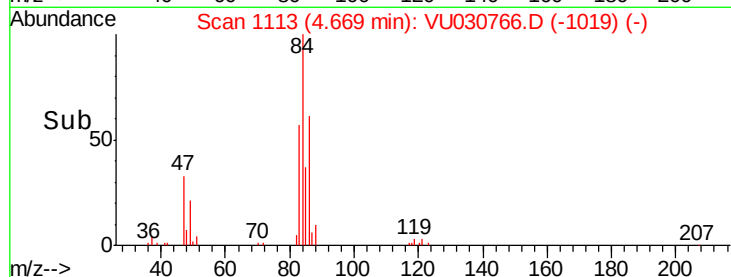
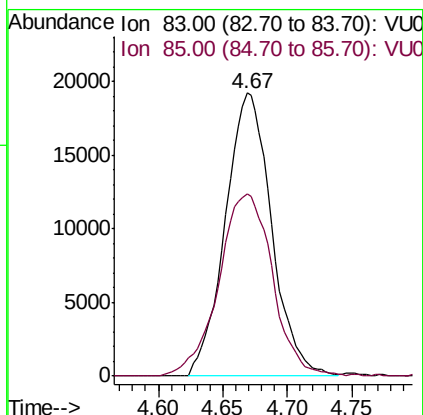
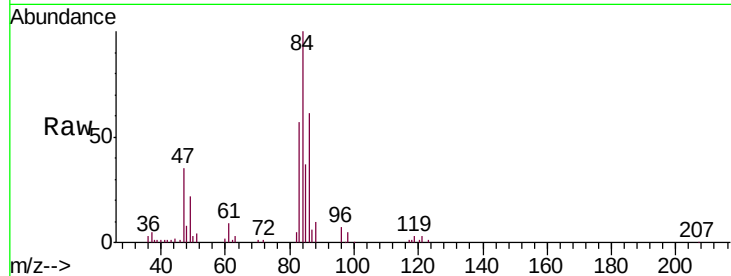




#25
Chloroform
Concen: 6.696 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030766.D
Acq: 06 Apr 2019 01:03

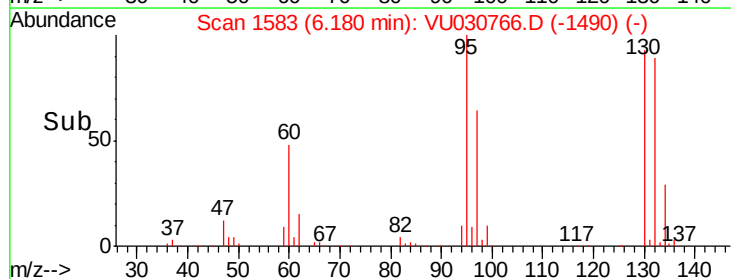
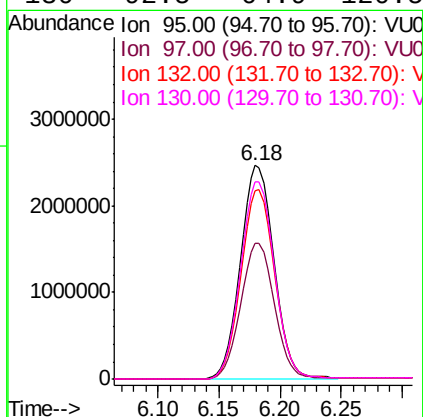
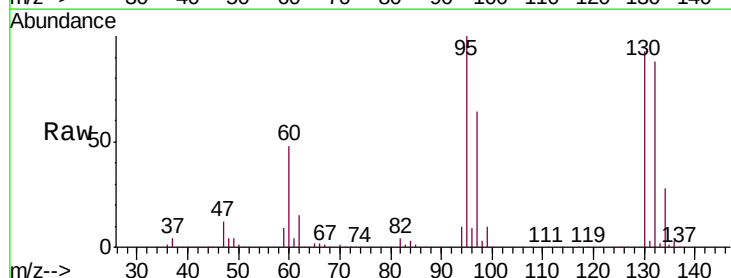
Instrument :
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ETJ58

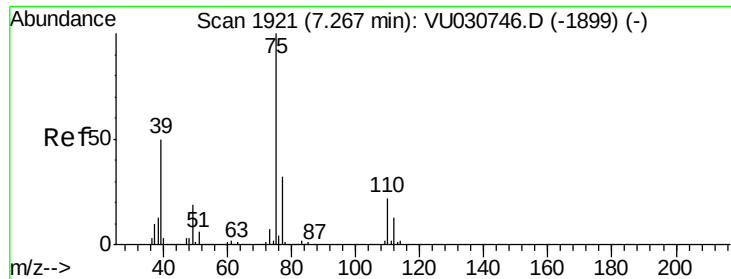
Tgt Ion: 83 Resp: 47996
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#34
Trichloroethene
Concen: 1289.007 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030766.D
Acq: 06 Apr 2019 01:03

Tgt Ion: 95 Resp: 4686304
Ion Ratio Lower Upper
95 100
97 63.7 44.5 82.7
132 88.4 61.5 114.1
130 92.5 64.9 120.5





#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

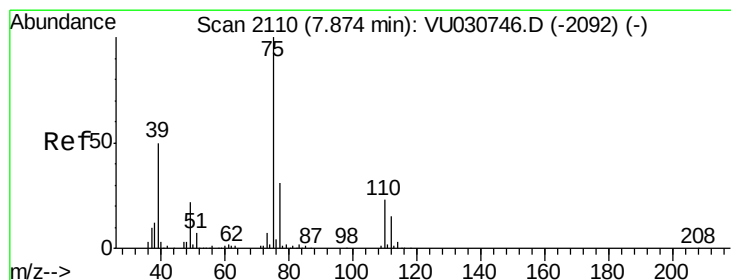
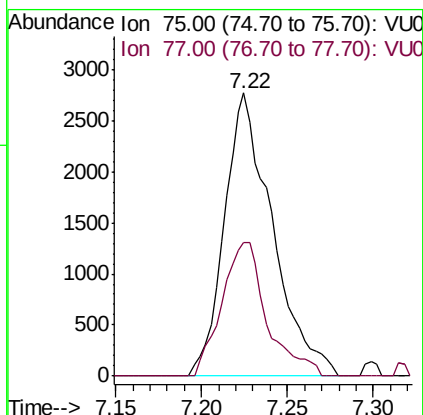
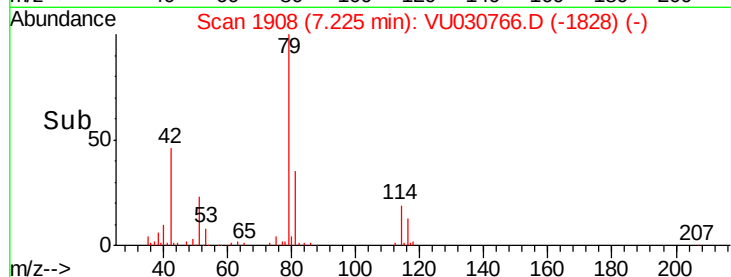
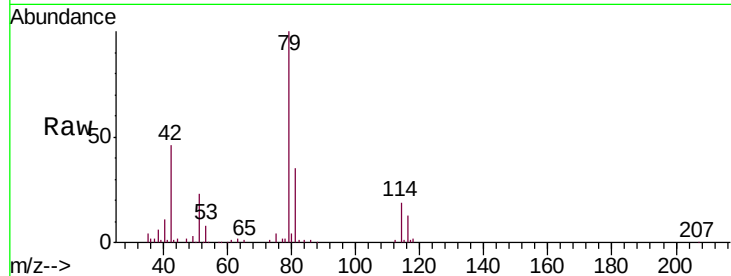
ETJ58

Tgt Ion: 75 Resp: 5353

Ion Ratio Lower Upper

75 100

77 47.3 23.1 42.9#



#44

trans-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030766.D

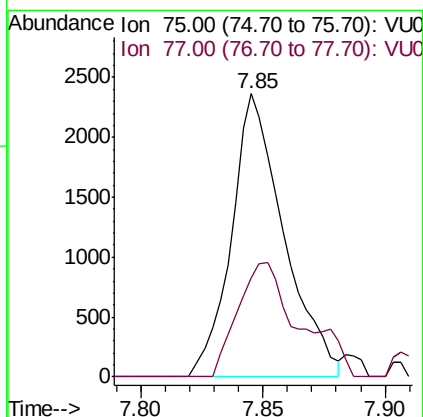
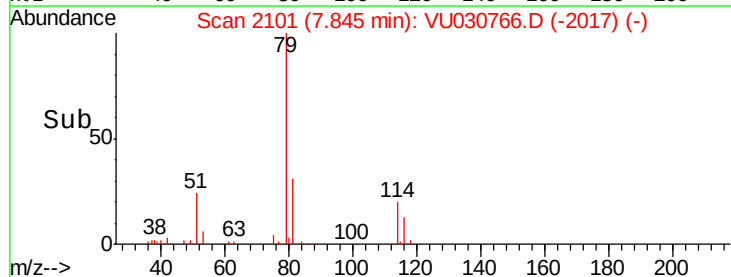
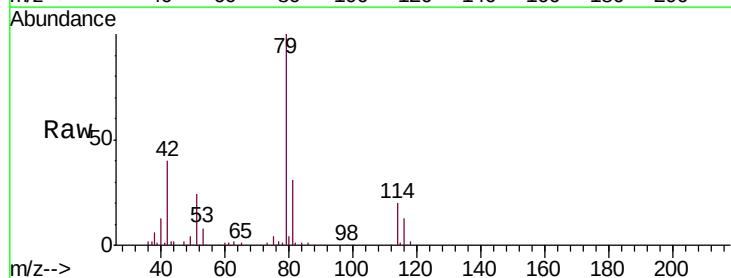
Acq: 06 Apr 2019 01:03

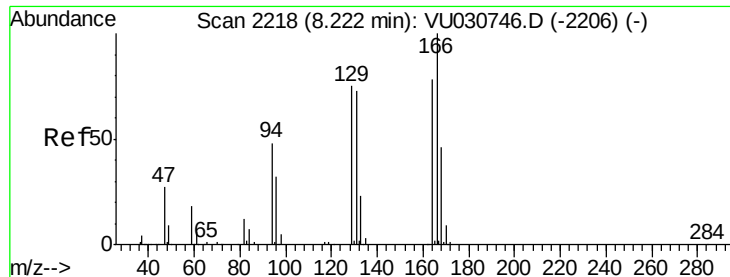
Tgt Ion: 75 Resp: 3526

Ion Ratio Lower Upper

75 100

77 34.9 21.6 40.0

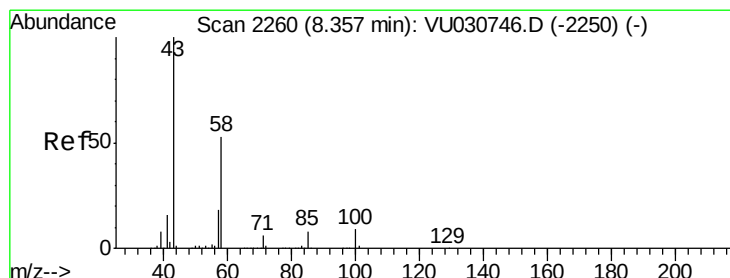
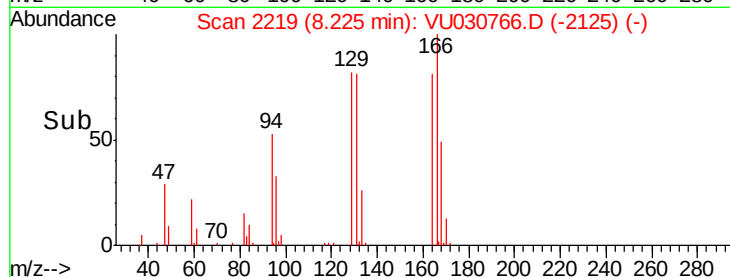
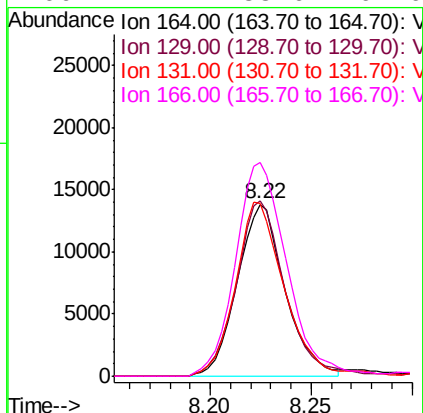
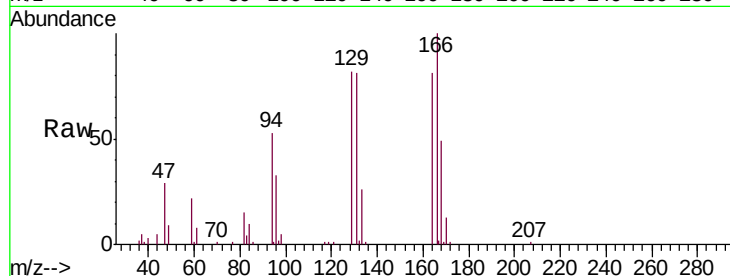




#46
Tetrachloroethene
Concen: 8.666 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030766.D
Acq: 06 Apr 2019 01:03

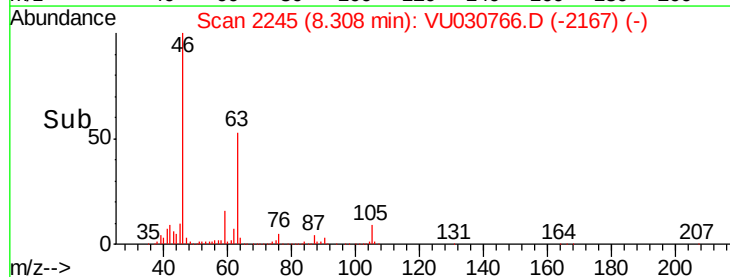
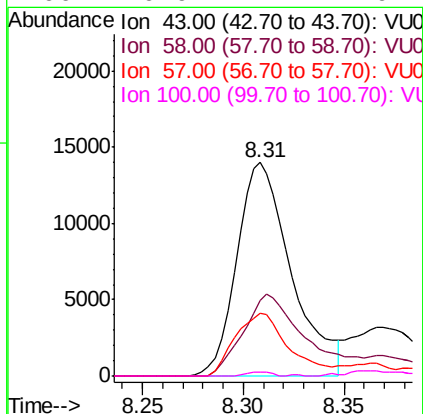
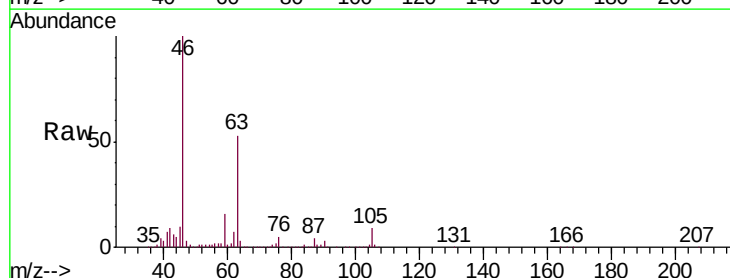
Instrument :
MSVOA_U
ClientSampled :
ETJ58

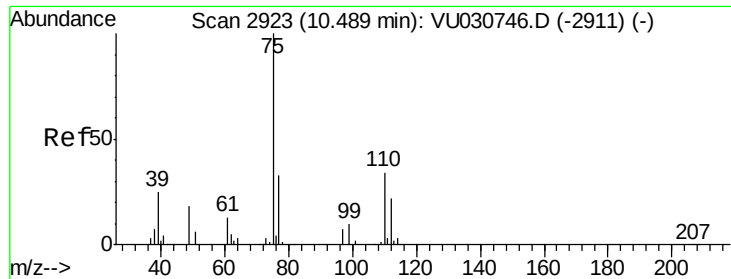
Tgt Ion:164 Resp: 22905
Ion Ratio Lower Upper
164 100
129 101.7 67.4 125.2
131 100.3 65.9 122.5
166 124.1 88.6 164.6



#48
2-Hexanone
Concen: 5.021 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030766.D
Acq: 06 Apr 2019 01:03

Tgt Ion: 43 Resp: 26440
Ion Ratio Lower Upper
43 100
58 42.7 41.9 62.9
57 28.8 14.3 21.5#
100 0.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.689 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

ETJ58

Tgt Ion: 75 Resp: 23572

Ion Ratio Lower Upper

75 100

77 37.3 26.1 39.1

