

Data File : VU030769.D
Acq On : 06 Apr 2019 02:12
Operator : JC/SP
Sample : K2269-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR4

Quant Time: Apr 06 05:16:12 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	459491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447513	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215881	52.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.26%
7) Chloroethane-d5	1.68	69	167205	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.42%
11) 1,1-Dichloroethene-d2	2.27	63	293436	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
21) 2-Butanone-d5	4.17	46	335797	103.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.29%
24) Chloroform-d	4.64	84	323372	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
26) 1,2-Dichloroethane-d4	5.31	65	227593	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.46%
32) Benzene-d6	5.34	84	669250	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.32	67	232657	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.56	98	573247	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	91792	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.31	63	196448	96.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305435	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	190442	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%

Target Compounds

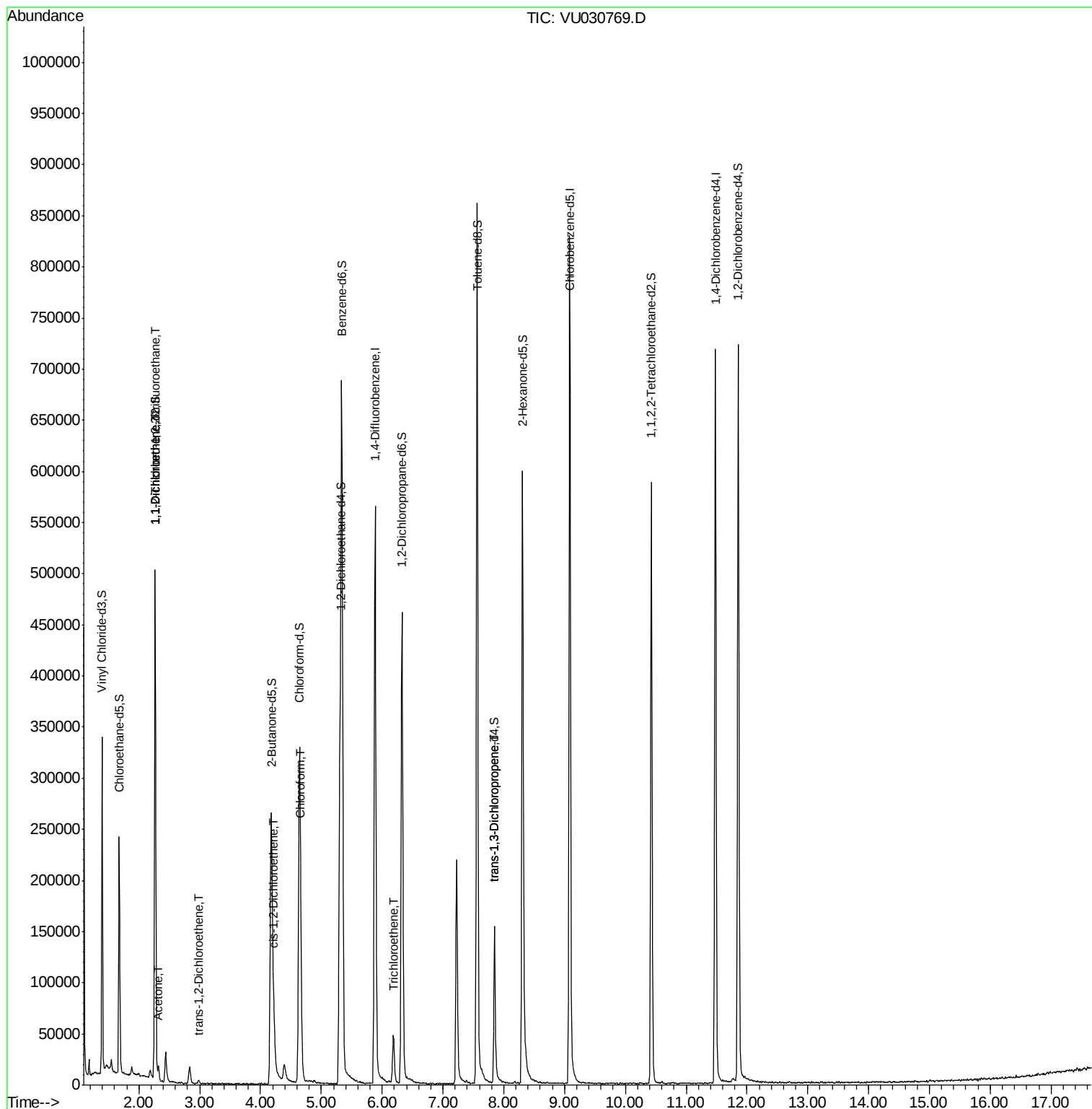
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2273	0.691 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2328	0.733 ug/L #	1
13) Acetone	2.32	43	13025	3.915 ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	1451	0.430 ug/L	78
20) cis-1,2-Dichloroethene	4.22	96	15538	4.173 ug/L	86
25) Chloroform	4.67	83	38990	5.574 ug/L	89
34) Trichloroethene	6.19	95	18373	5.115 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3701	0.712 ug/L	92

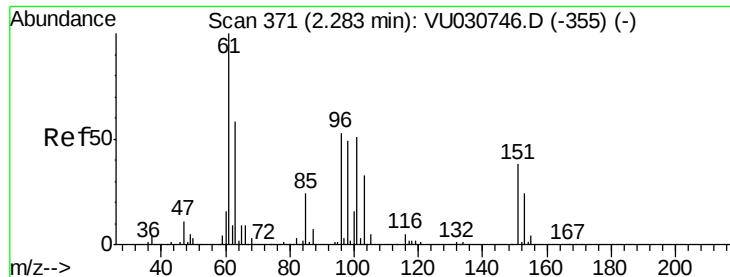
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.691 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030769.D

Acq: 06 Apr 2019 02:12

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MSVOA_U

ClientSampleId :

C0BR4

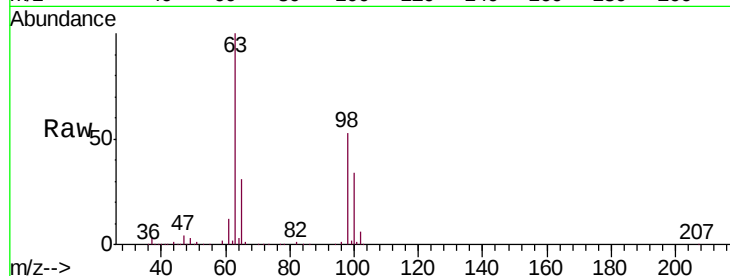
Tgt Ion: 101 Resp: 2273

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

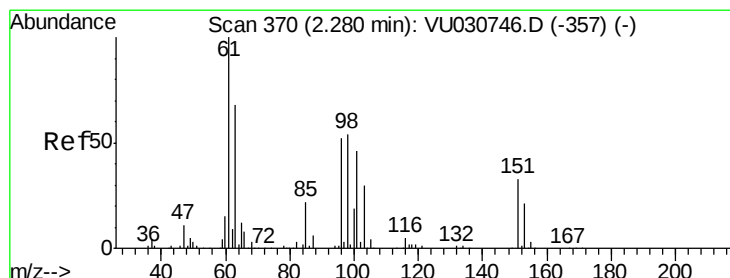
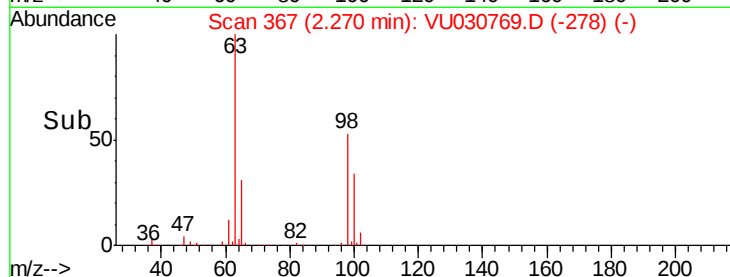
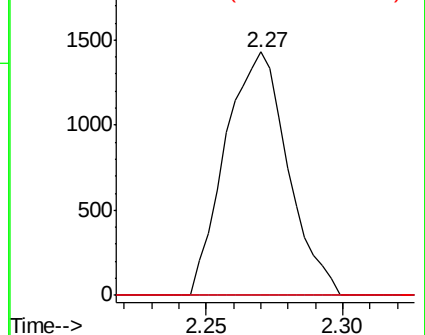
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.733 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030769.D

Acq: 06 Apr 2019 02:12

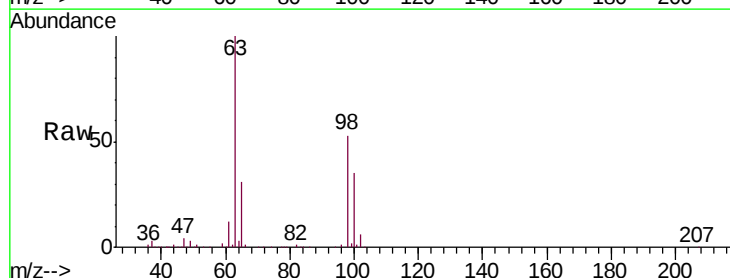
Tgt Ion: 96 Resp: 2328

Ion Ratio Lower Upper

96 100

61 1651.7 132.0 245.2#

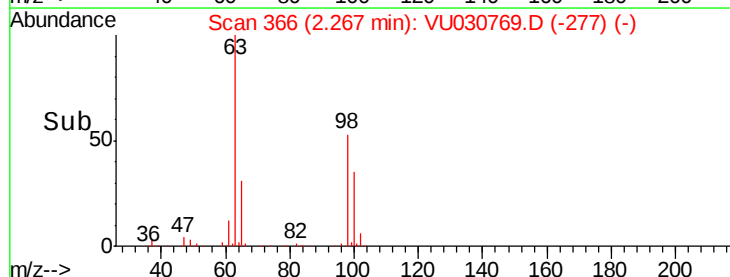
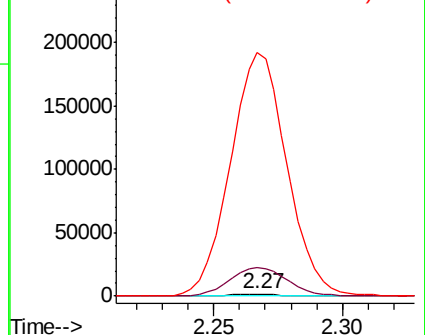
63 13972.1 90.9 168.9#

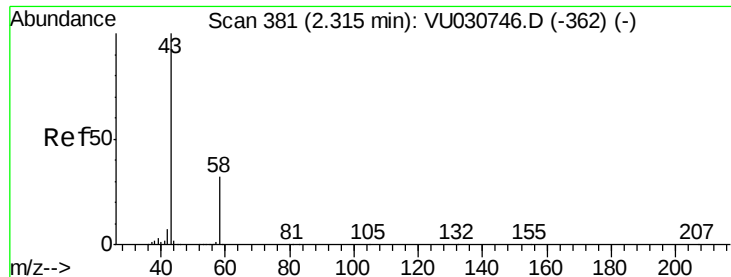


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.915 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030769.D

Acq: 06 Apr 2019 02:12

Instrument :

MSVOA_U

ClientSampled :

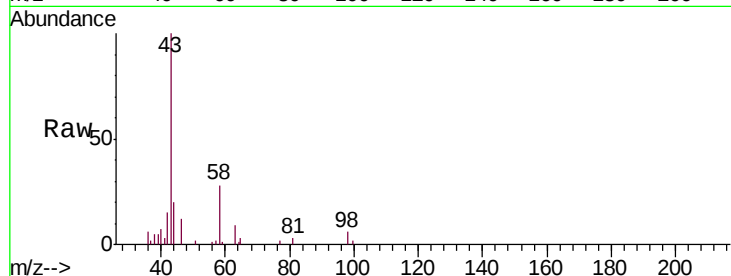
C0BR4

Tgt Ion: 43 Resp: 13025

Ion Ratio Lower Upper

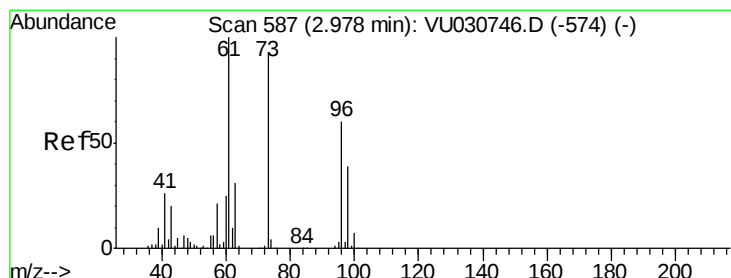
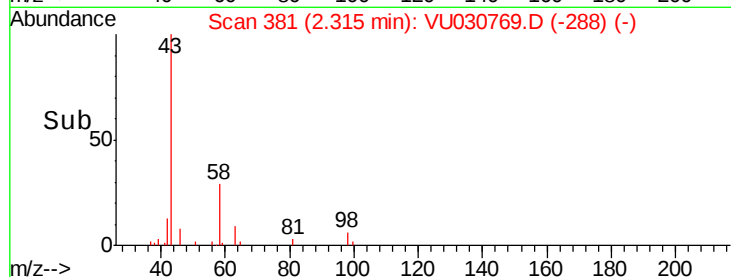
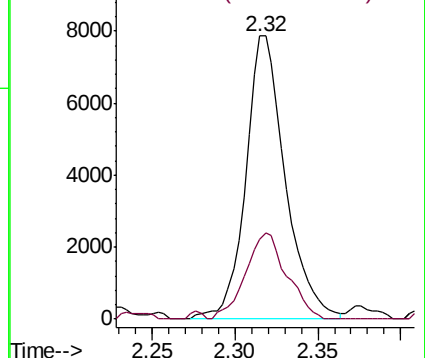
43 100

58 31.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030746.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030746.D (-362) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.430 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU030769.D

Acq: 06 Apr 2019 02:12

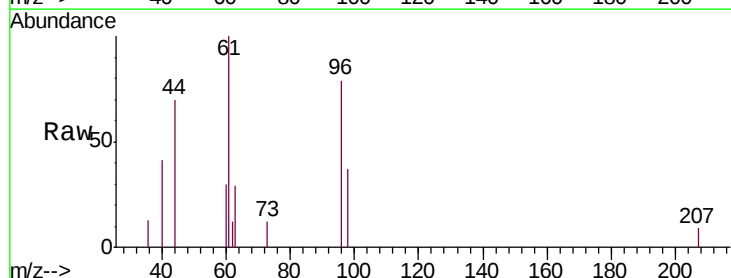
Tgt Ion: 96 Resp: 1451

Ion Ratio Lower Upper

96 100

61 126.6 109.5 203.3

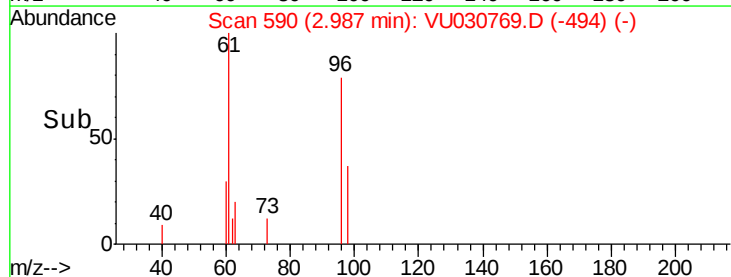
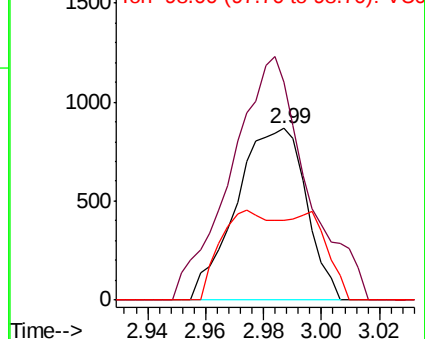
98 46.6 44.0 81.6

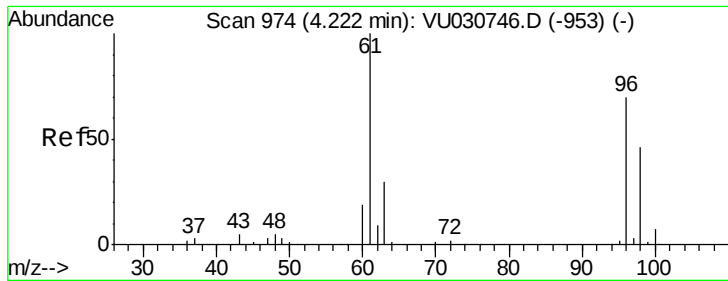


Abundance Ion 96.00 (95.70 to 96.70): VU030746.D (-574) (-)

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

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

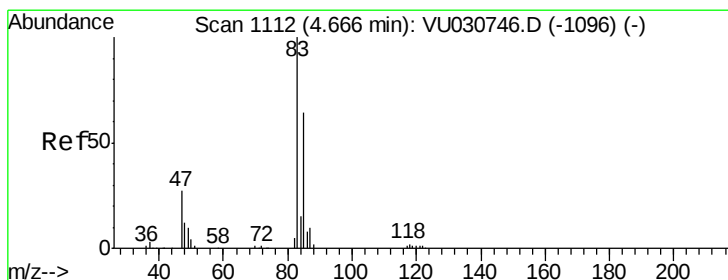
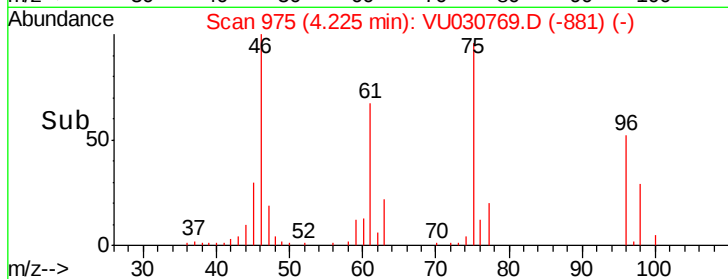
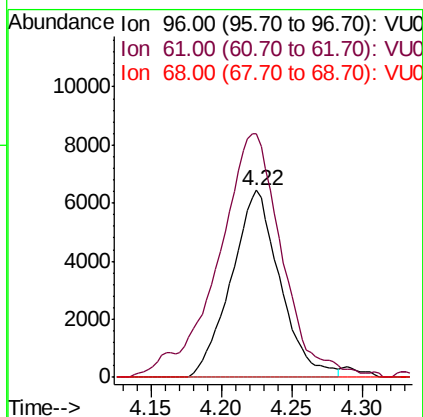
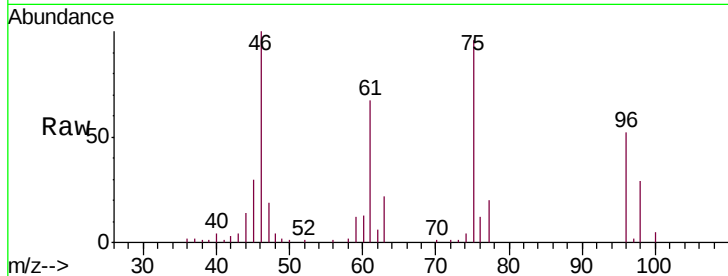




#20
 cis-1,2-Dichloroethene
 Concen: 4.173 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030769.D
 Acq: 06 Apr 2019 02:12

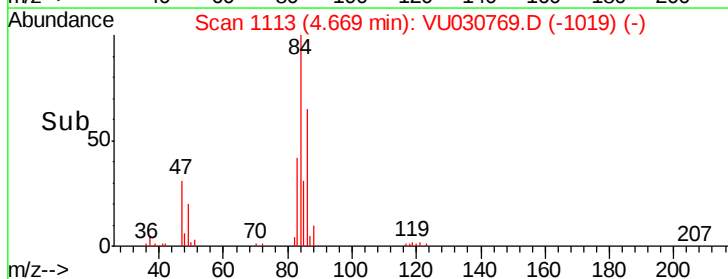
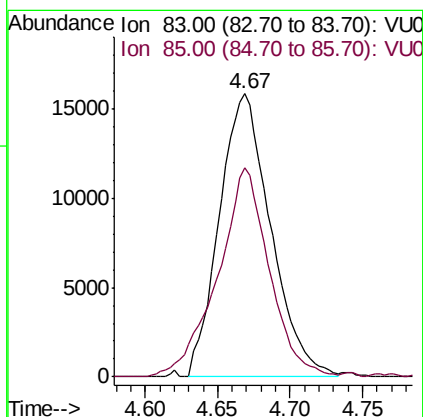
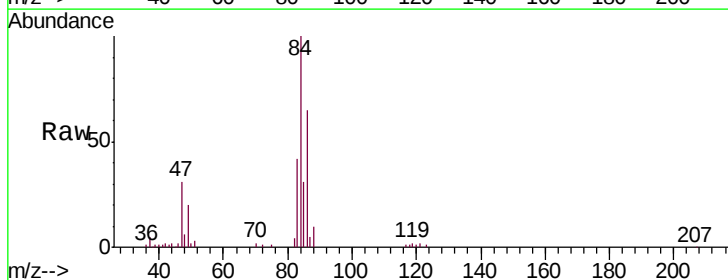
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR4

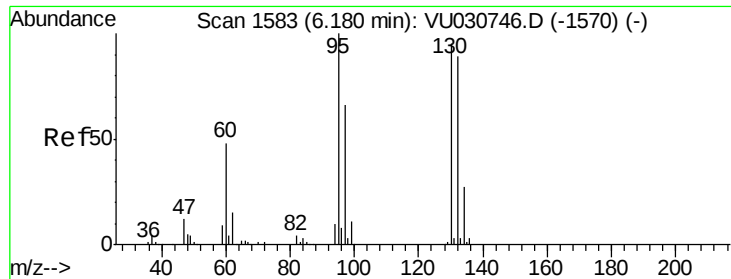
Tgt Ion: 96 Resp: 15538
 Ion Ratio Lower Upper
 96 100
 61 129.8 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 5.574 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030769.D
 Acq: 06 Apr 2019 02:12

Tgt Ion: 83 Resp: 38990
 Ion Ratio Lower Upper
 83 100
 85 74.0 45.8 85.0





#34

Trichloroethene

Concen: 5.115 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030769.D

Acq: 06 Apr 2019 02:12

Instrument :

MSVOA_U

ClientSampleId :

C0BR4

Tgt Ion: 95 Resp: 18373

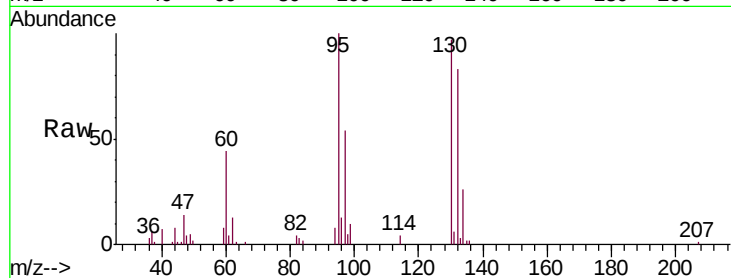
Ion Ratio Lower Upper

95 100

97 54.0 44.5 82.7

132 82.6 61.5 114.1

130 96.7 64.9 120.5

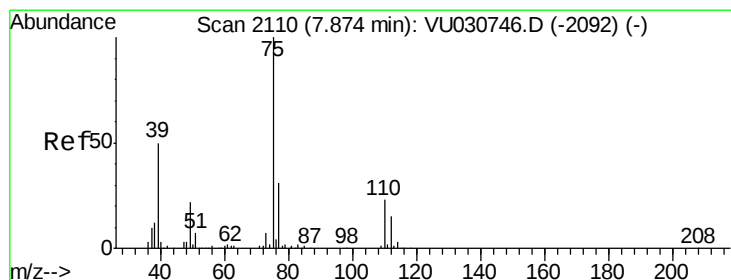
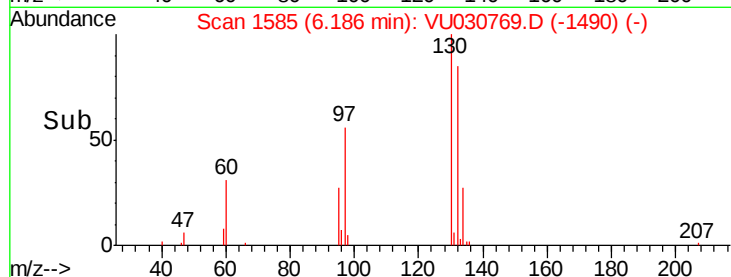
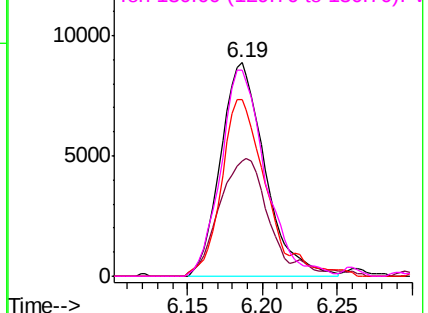


Abundance Ion 95.00 (94.70 to 95.70): VU030746.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030746.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030746.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030746.D (-1570) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030769.D

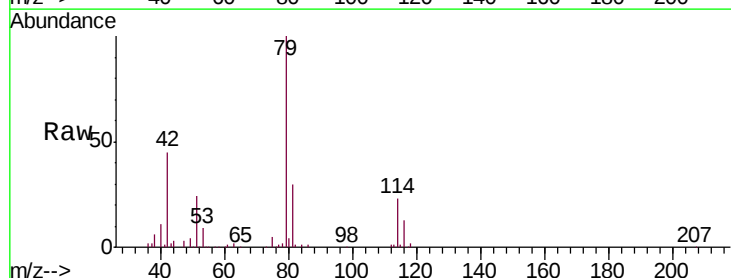
Acq: 06 Apr 2019 02:12

Tgt Ion: 75 Resp: 3701

Ion Ratio Lower Upper

75 100

77 26.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030746.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030746.D (-2092) (-)

