

Data File : VU030789.D
Acq On : 06 Apr 2019 10:13
Operator : JC/SP
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Quant Time: Apr 08 01:09:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473981	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198688	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.92%
7) Chloroethane-d5	1.68	69	161446	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.54%
11) 1,1-Dichloroethene-d2	2.27	63	286831	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
21) 2-Butanone-d5	4.17	46	356990	106.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	4.64	84	307998	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.31	65	230792	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
32) Benzene-d6	5.34	84	669085	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.32	67	234545	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.64%
41) Toluene-d8	7.56	98	578078	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.85	79	95660	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.31	63	216626	101.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321090	51.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	197542	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

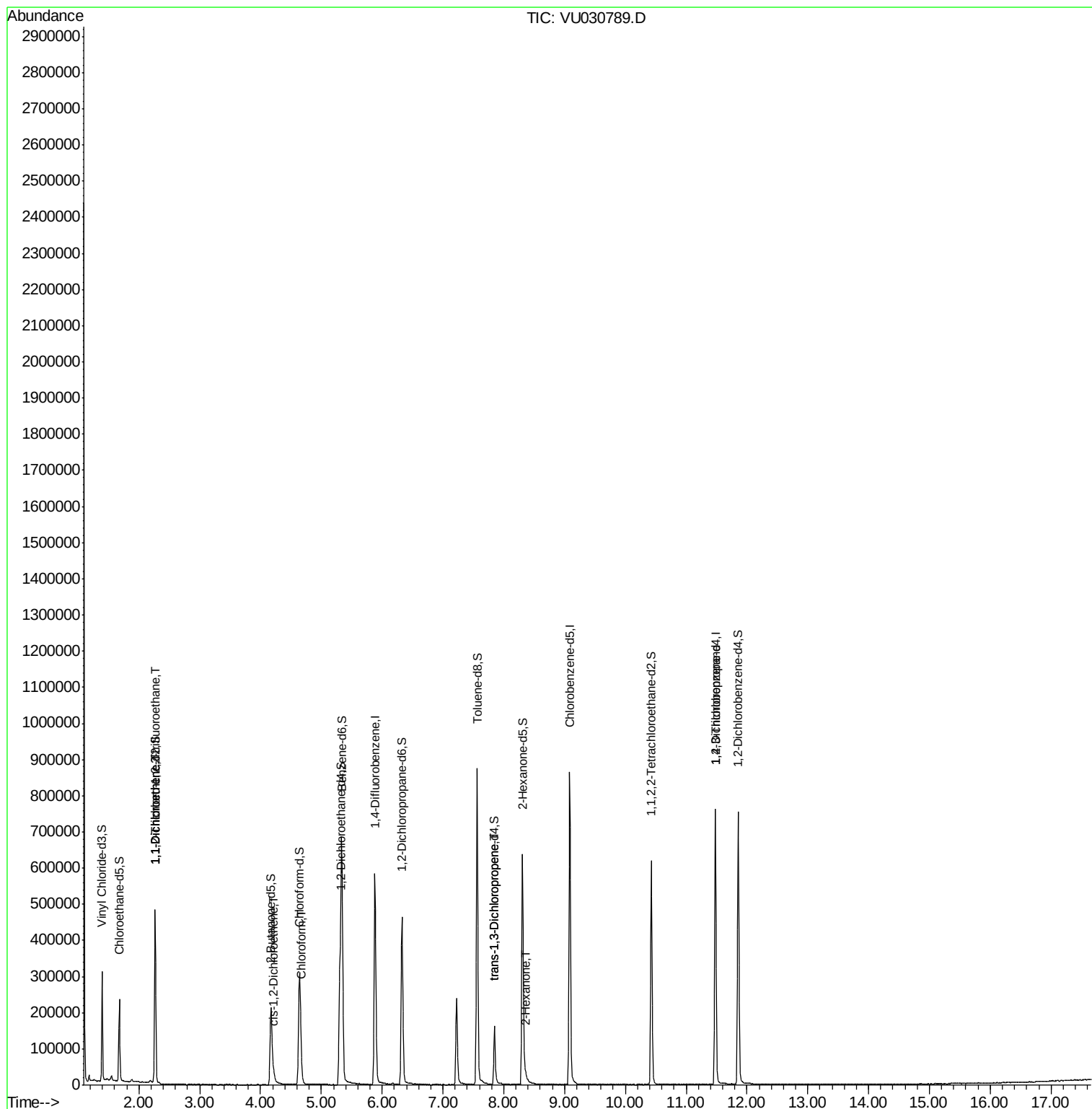
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2563	0.755	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	2372	0.724	ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	4624	1.204	ug/L	94
25) Chloroform	4.67	83	32123	4.452	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4152	0.767	ug/L	92
48) 2-Hexanone	8.36	43	5346	0.987	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	25225	4.879	ug/L	90

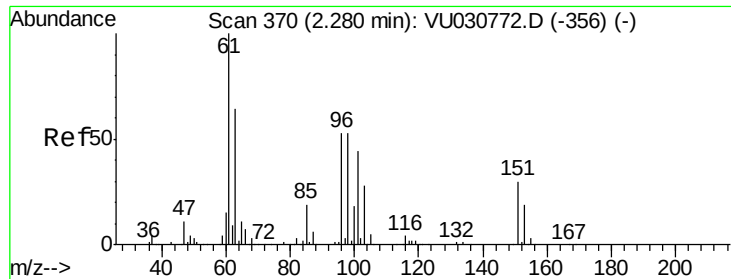
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.755 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

VIBLK42

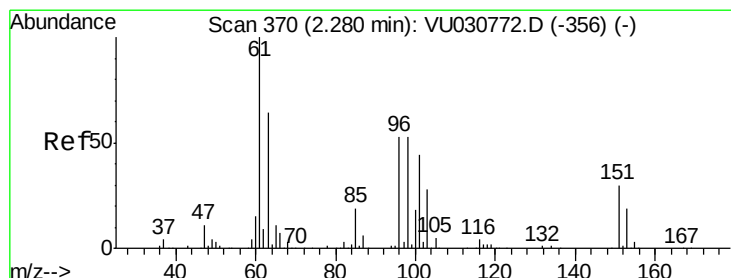
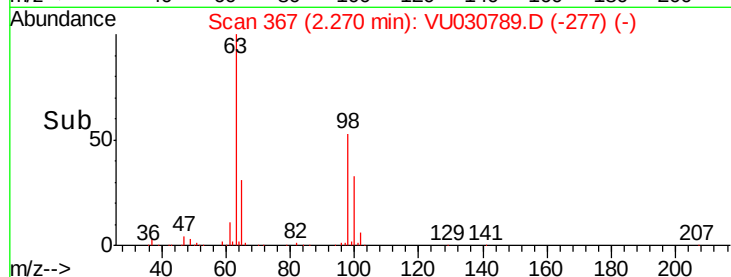
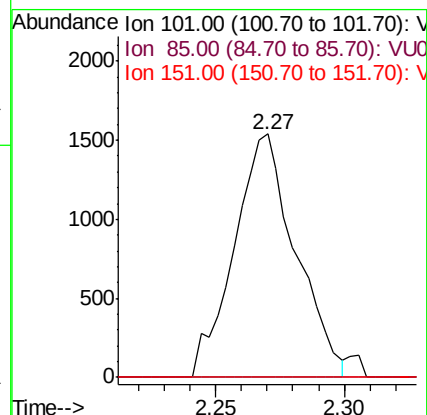
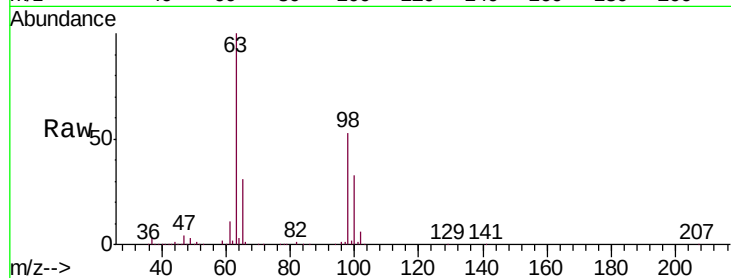
Tgt Ion: 101 Resp: 2563

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.724 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

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Acq: 06 Apr 2019 10:13

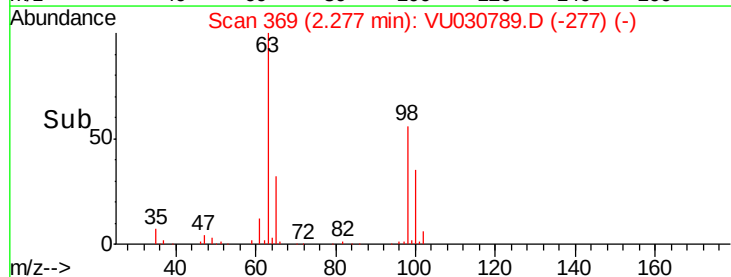
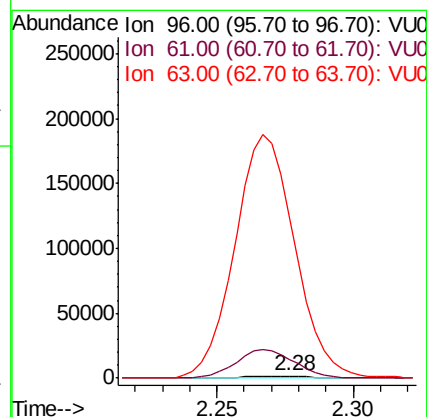
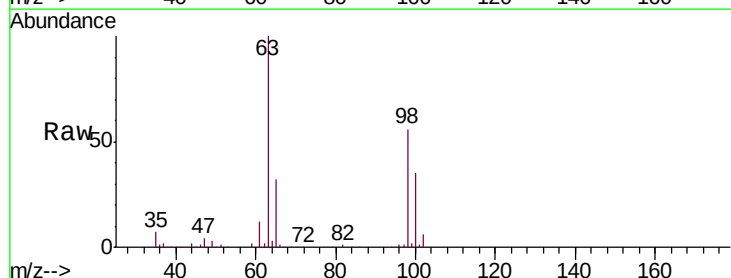
Tgt Ion: 96 Resp: 2372

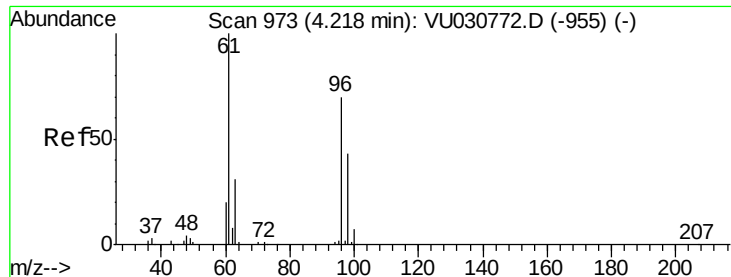
Ion Ratio Lower Upper

96 100

61 975.7 132.0 245.2#

63 8238.6 90.9 168.9#

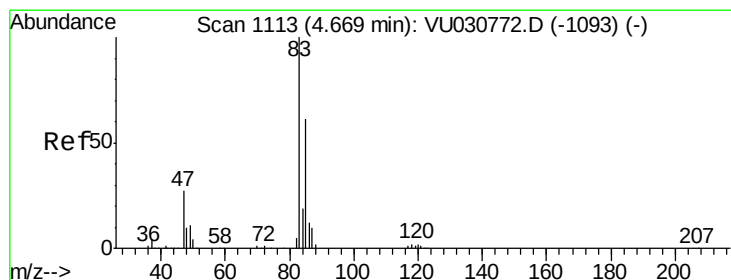
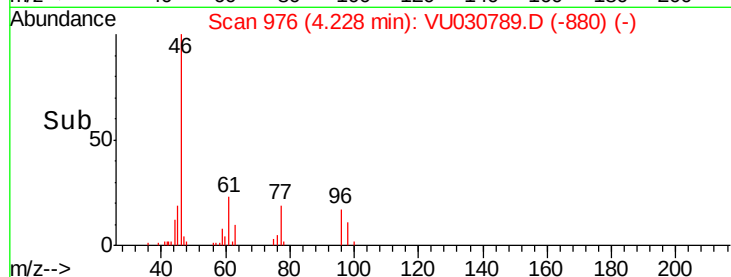
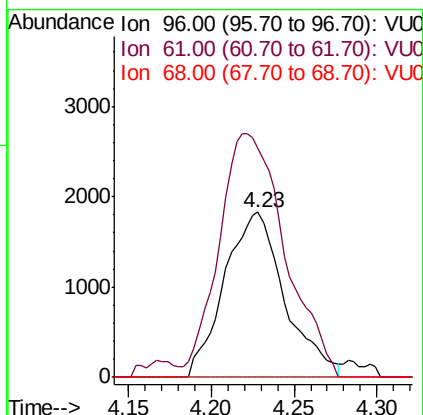
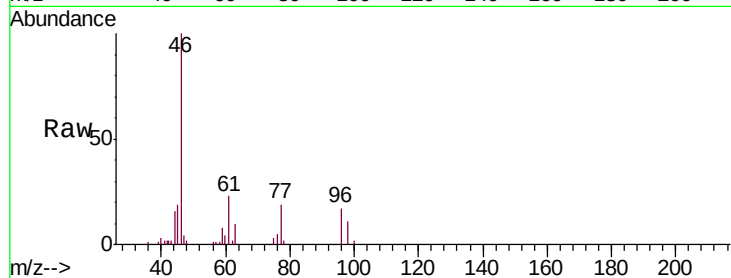




#20
 cis-1,2-Dichloroethene
 Concen: 1.204 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030789.D
 Acq: 06 Apr 2019 10:13

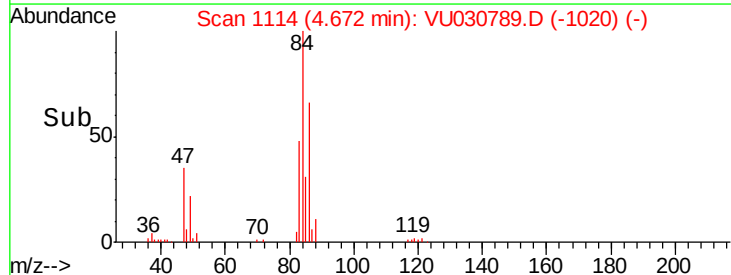
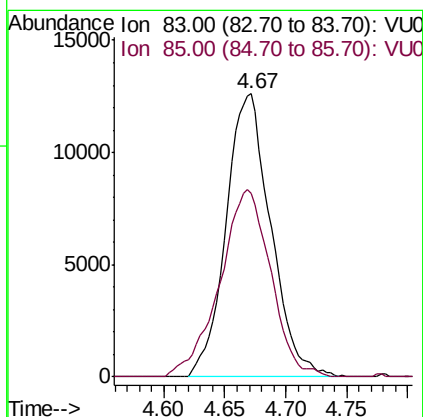
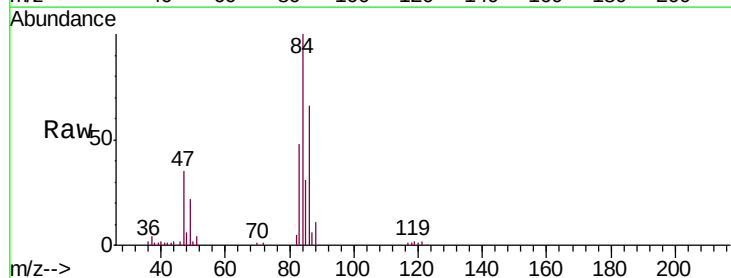
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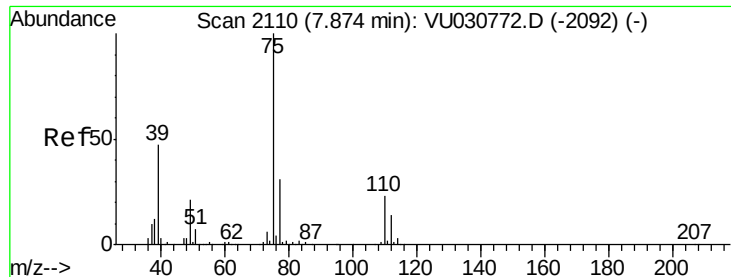
Tgt Ion: 96 Resp: 4624
 Ion Ratio Lower Upper
 96 100
 61 139.0 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 4.452 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU030789.D
 Acq: 06 Apr 2019 10:13

Tgt Ion: 83 Resp: 32123
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.8 85.0

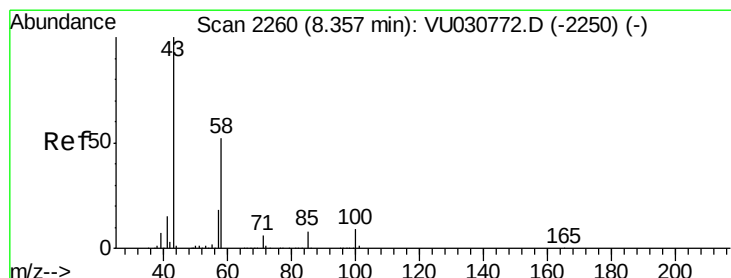
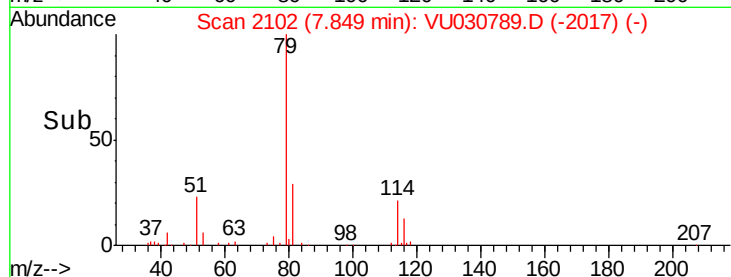
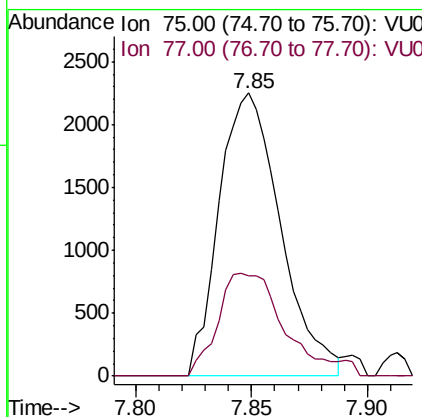
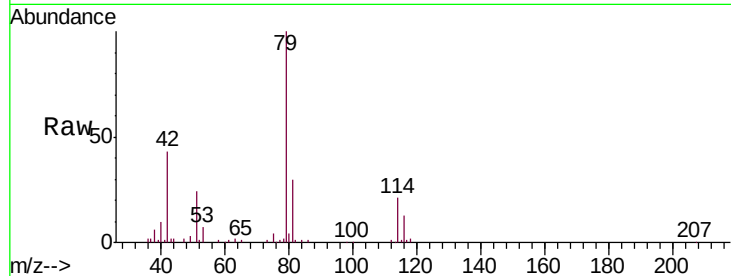




#44
 trans-1,3-Dichloropropene
 Concen: 0.767 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030789.D
 Acq: 06 Apr 2019 10:13

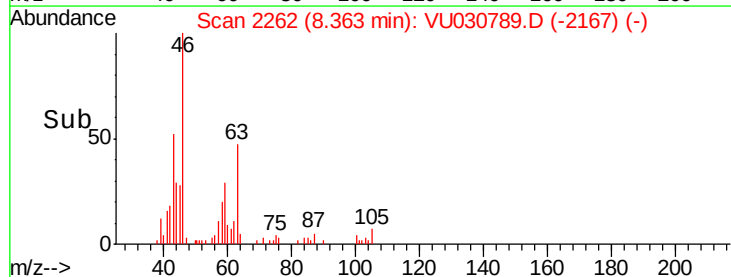
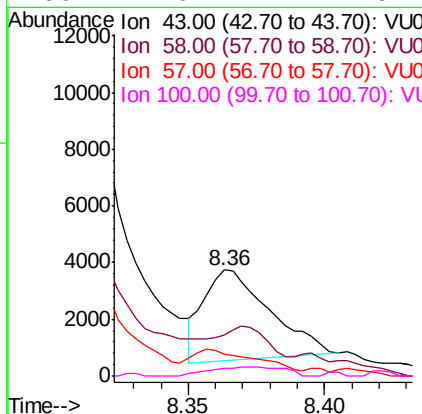
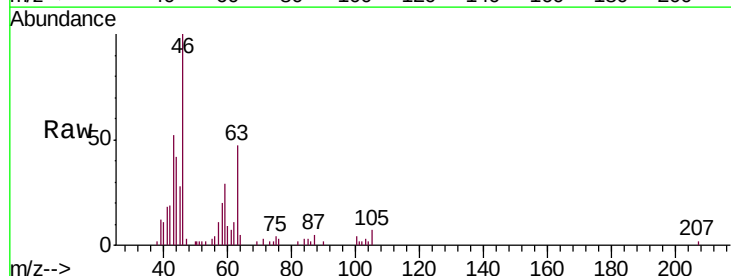
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK42

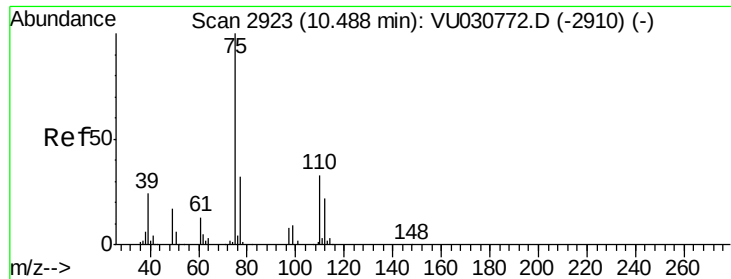
Tgt Ion: 75 Resp: 4152
 Ion Ratio Lower Upper
 75 100
 77 35.3 21.6 40.0



#48
 2-Hexanone
 Concen: 0.987 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU030789.D
 Acq: 06 Apr 2019 10:13

Tgt Ion: 43 Resp: 5346
 Ion Ratio Lower Upper
 43 100
 58 24.9 41.9 62.9#
 57 30.6 14.3 21.5#
 100 11.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.879 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030789.D

Acq: 06 Apr 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VIBLK42

Tgt Ion: 75 Resp: 25225

Ion Ratio Lower Upper

75 100

77 38.3 26.1 39.1

