

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030679.D
 Acq On : 04 Apr 2019 12:08
 Operator : JC/SP
 Sample : K2246-13 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2Q1

Quant Time: Apr 04 13:21:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	500016	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216569	53.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.64%
7) Chloroethane-d5	1.68	69	171952	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.82%
11) 1,1-Dichloroethene-d2	2.27	63	300720	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
21) 2-Butanone-d5	4.17	46	366563	96.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.64	84	321873	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.30	65	227487	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
32) Benzene-d6	5.34	84	688331	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.32	67	240682	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.56	98	605982	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.85	79	103711	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.31	63	240447	93.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319319	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	210105	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

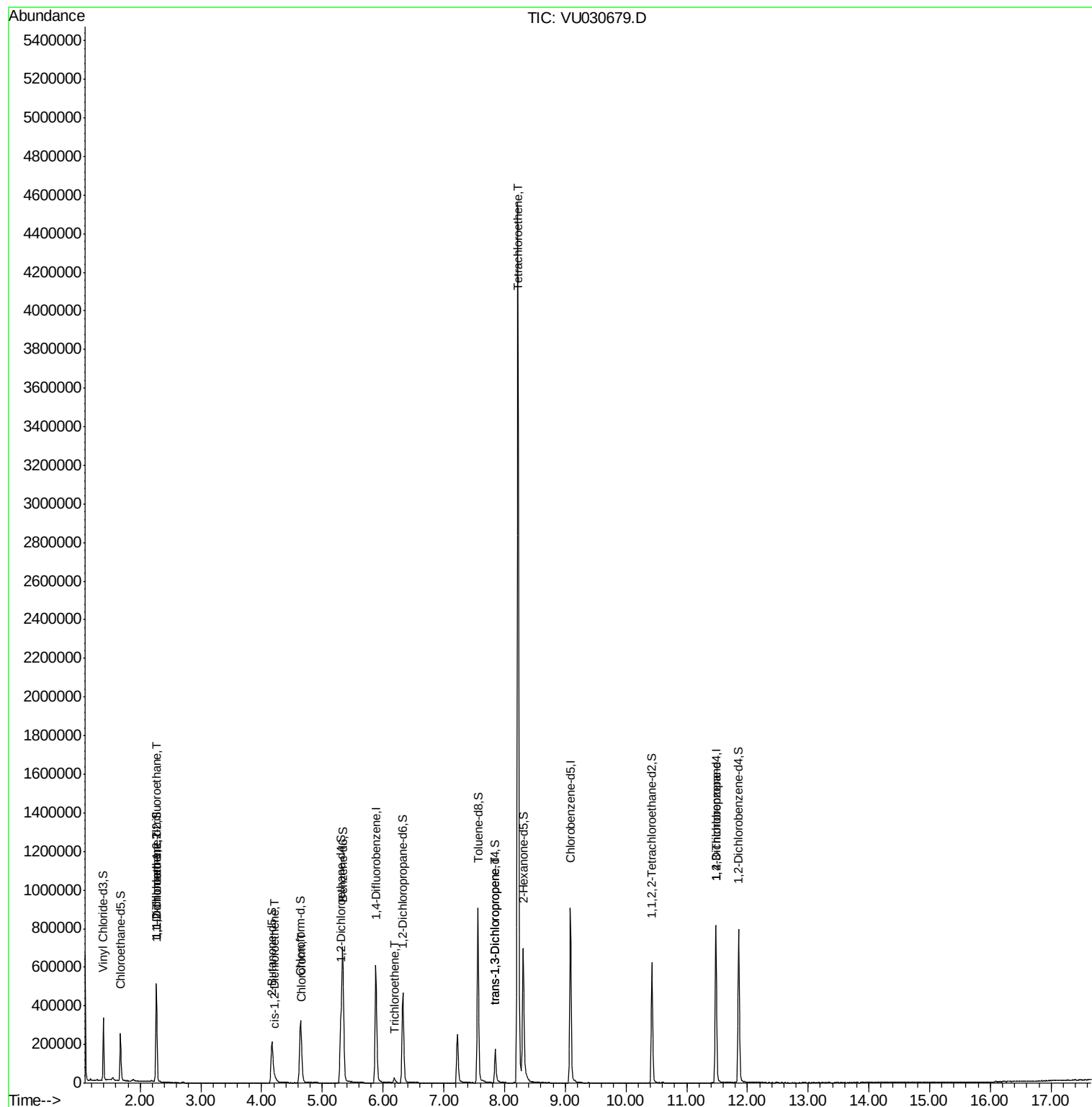
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2421	0.663 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	5181	1.448 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	2404	0.571 ug/L	85
25) Chloroform	4.67	83	19319	2.639 ug/L	98
34) Trichloroethene	6.19	95	8896	2.203 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4398	0.746 ug/L #	81
46) Tetrachloroethene	8.22	164	1009463	357.914 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	27090	4.774 ug/L	93

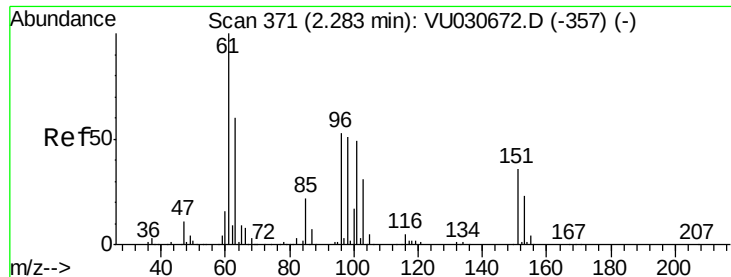
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 13:18:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030679.D

Acq: 04 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

BF2Q1

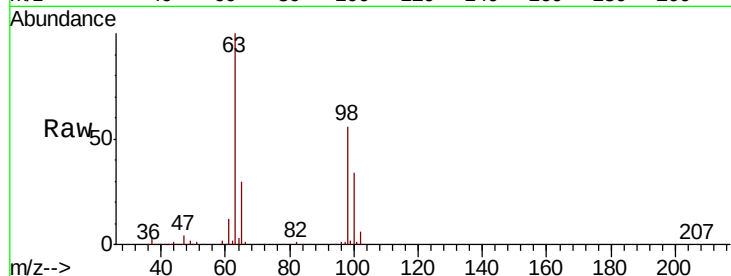
Tgt Ion: 101 Resp: 2421

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

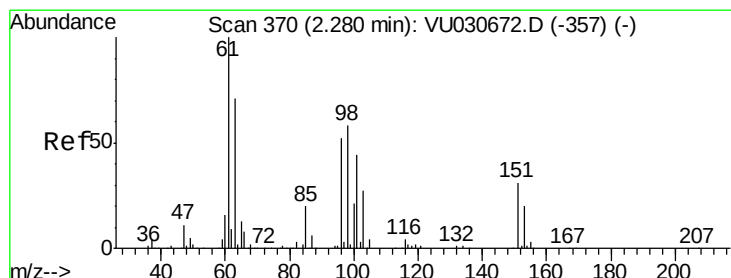
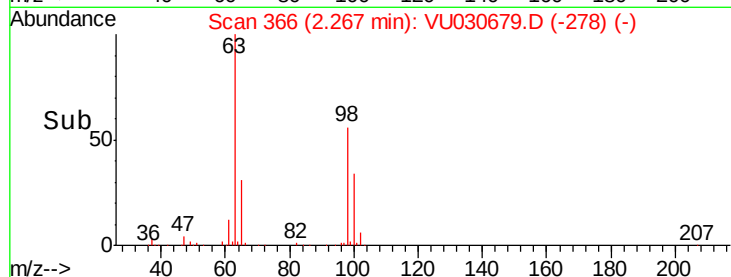
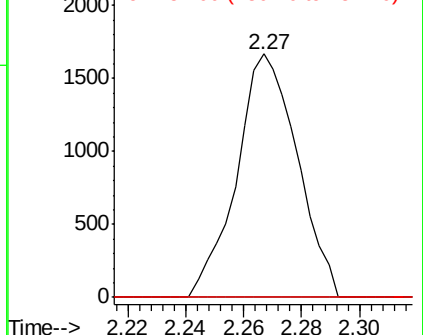
151 0.0 56.6 85.0#



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: 1.448 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030679.D

Acq: 04 Apr 2019 12:08

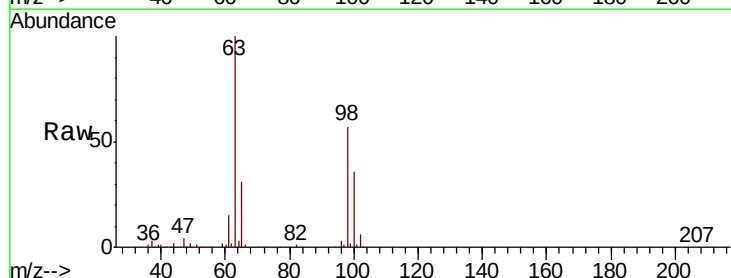
Tgt Ion: 96 Resp: 5181

Ion Ratio Lower Upper

96 100

61 532.6 131.0 243.4#

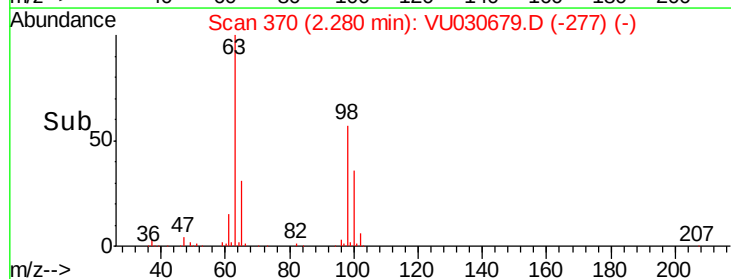
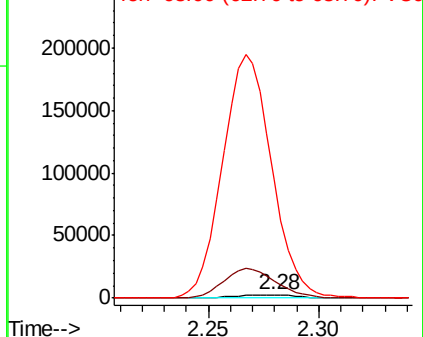
63 3620.1 92.4 171.6#

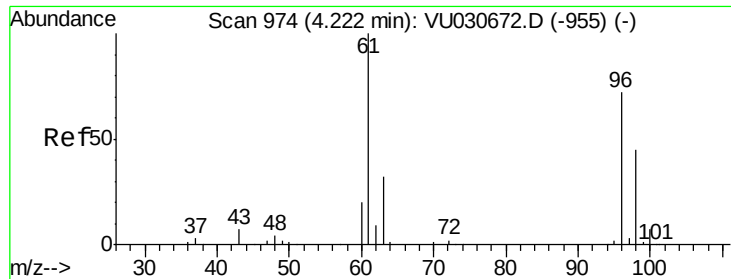


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

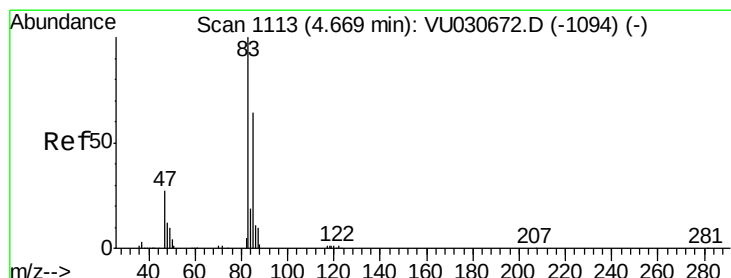
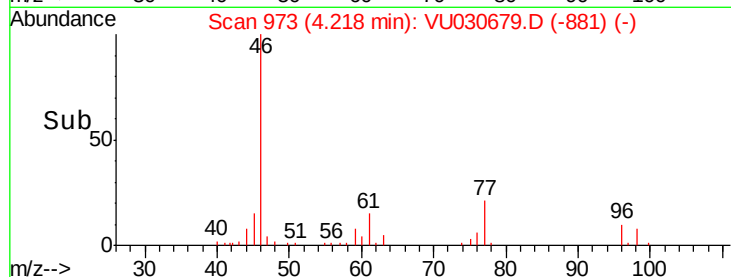
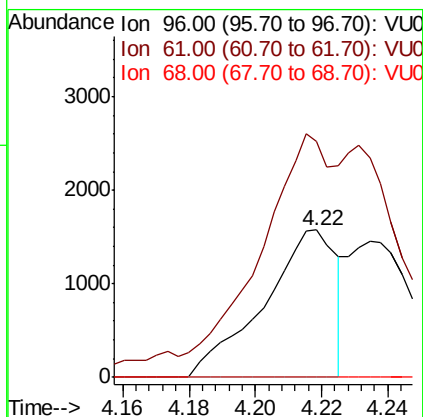
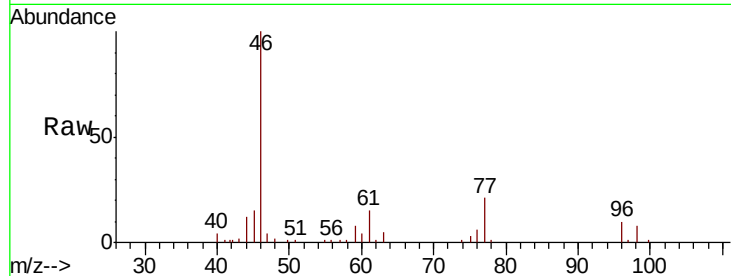




#20
 cis-1,2-Dichloroethene
 Concen: 0.571 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030679.D
 Acq: 04 Apr 2019 12:08

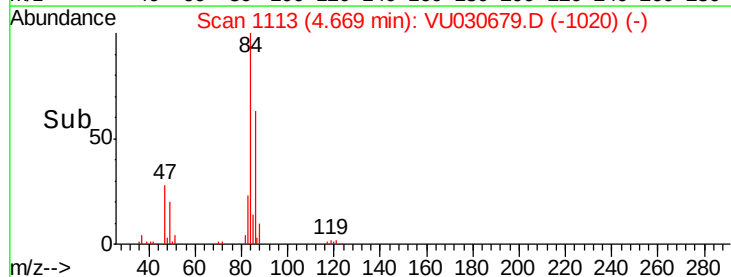
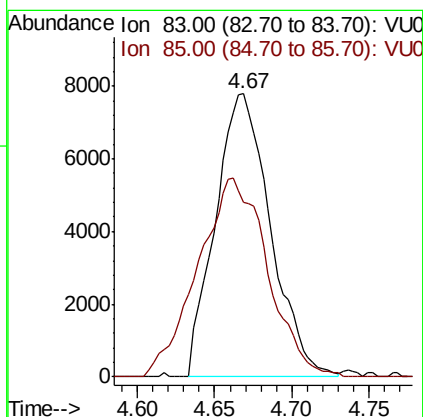
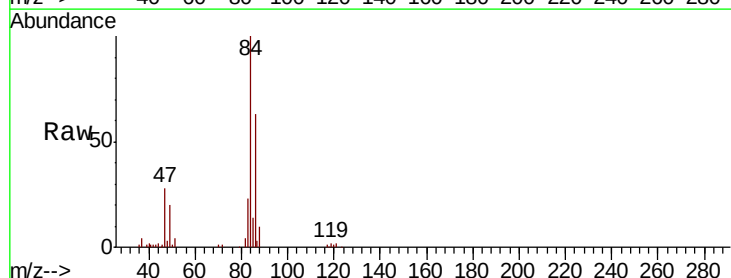
Instrument :
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 ClientSampleId :
 BF2Q1

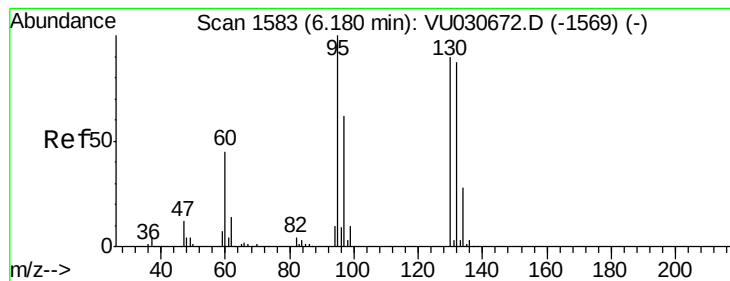
Tgt Ion: 96 Resp: 2404
 Ion Ratio Lower Upper
 96 100
 61 159.5 98.4 182.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.639 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VU030679.D
 Acq: 04 Apr 2019 12:08

Tgt Ion: 83 Resp: 19319
 Ion Ratio Lower Upper
 83 100
 85 61.9 44.4 82.4





#34

Trichloroethene

Concen: 2.203 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030679.D

Acq: 04 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

BF2Q1

Tgt Ion: 95 Resp: 8896

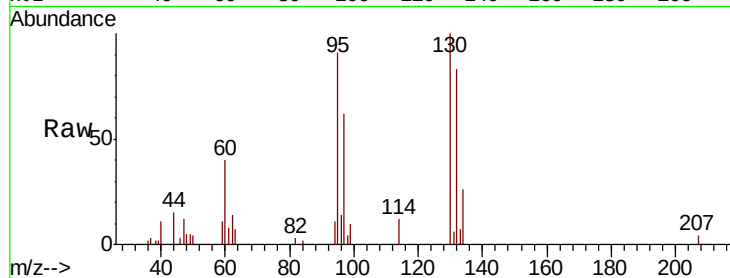
Ion Ratio Lower Upper

95 100

97 68.0 45.7 84.9

132 91.5 63.8 118.4

130 110.4 65.7 121.9

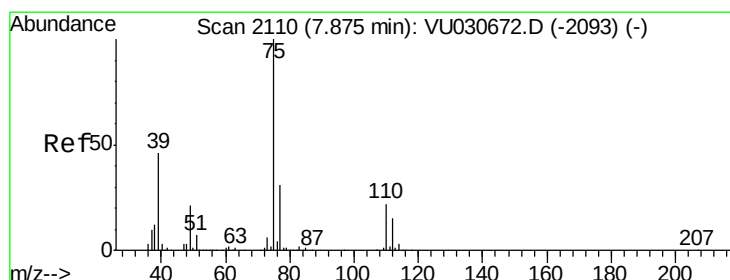
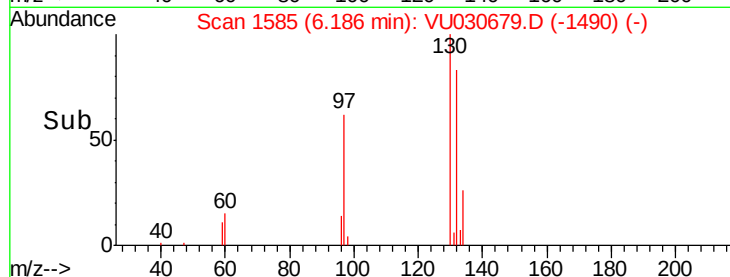
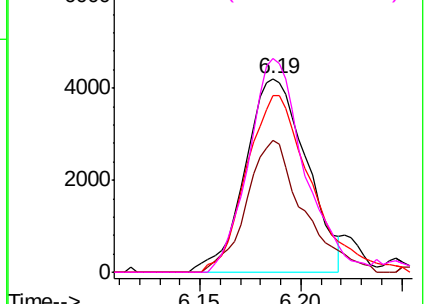


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.746 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030679.D

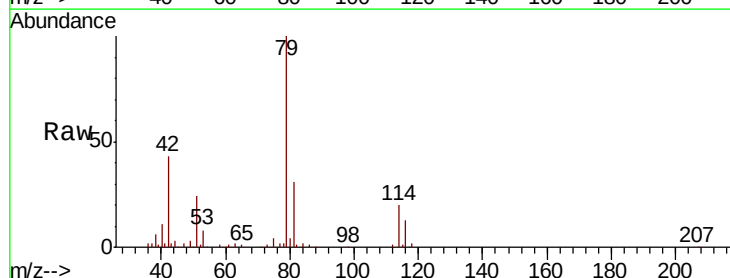
Acq: 04 Apr 2019 12:08

Tgt Ion: 75 Resp: 4398

Ion Ratio Lower Upper

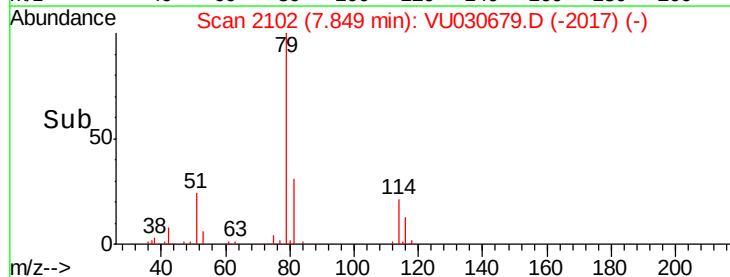
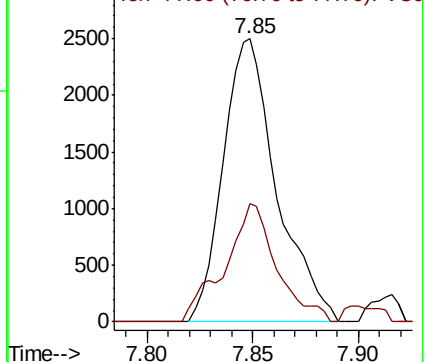
75 100

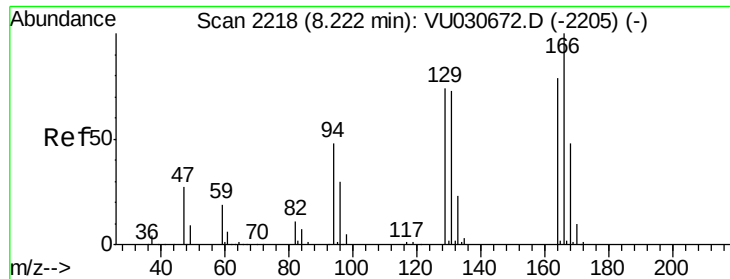
77 41.6 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 357.914 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030679.D

Acq: 04 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

BF2Q1

Tgt Ion:164 Resp: 1009463

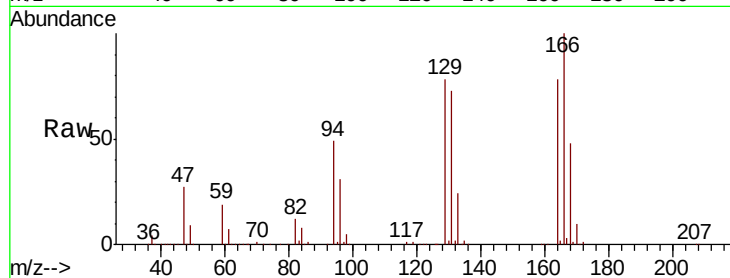
Ion Ratio Lower Upper

164 100

129 100.3 68.1 126.5

131 94.2 67.7 125.7

166 128.3 92.4 171.6

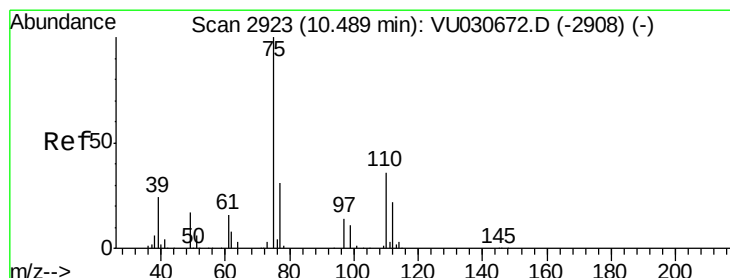
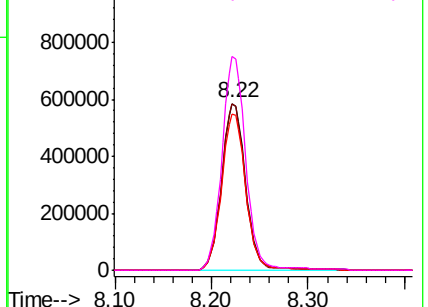
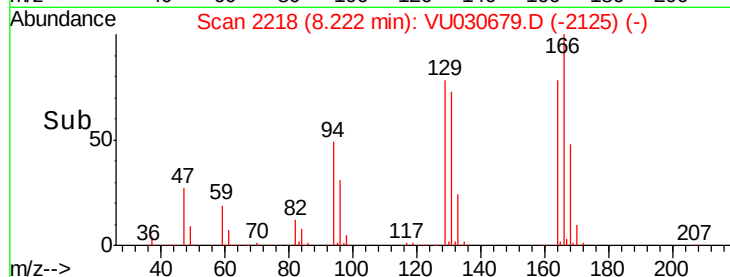


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.774 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030679.D

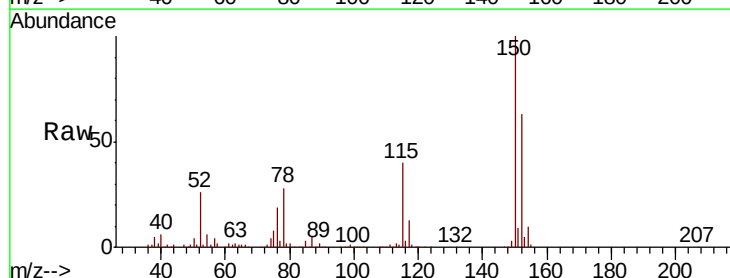
Acq: 04 Apr 2019 12:08

Tgt Ion: 75 Resp: 27090

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

