

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029693.D
 Acq On : 26 Feb 2019 19:38
 Operator : JC/SP
 Sample : K1624-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 27 03:18:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 27 01:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475181	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139586	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.18%
7) Chloroethane-d5	1.68	69	129371	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.27	63	214169	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.17	46	228341	107.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	4.65	84	277845	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	179019	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.34	84	604102	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.94%
36) 1,2-Dichloropropane-d6	6.33	67	184704	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.66%
41) Toluene-d8	7.56	98	564184	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%
43) trans-1,3-Dichloropropene-	7.85	79	86283	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.31	63	173028	90.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284072	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	234219	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

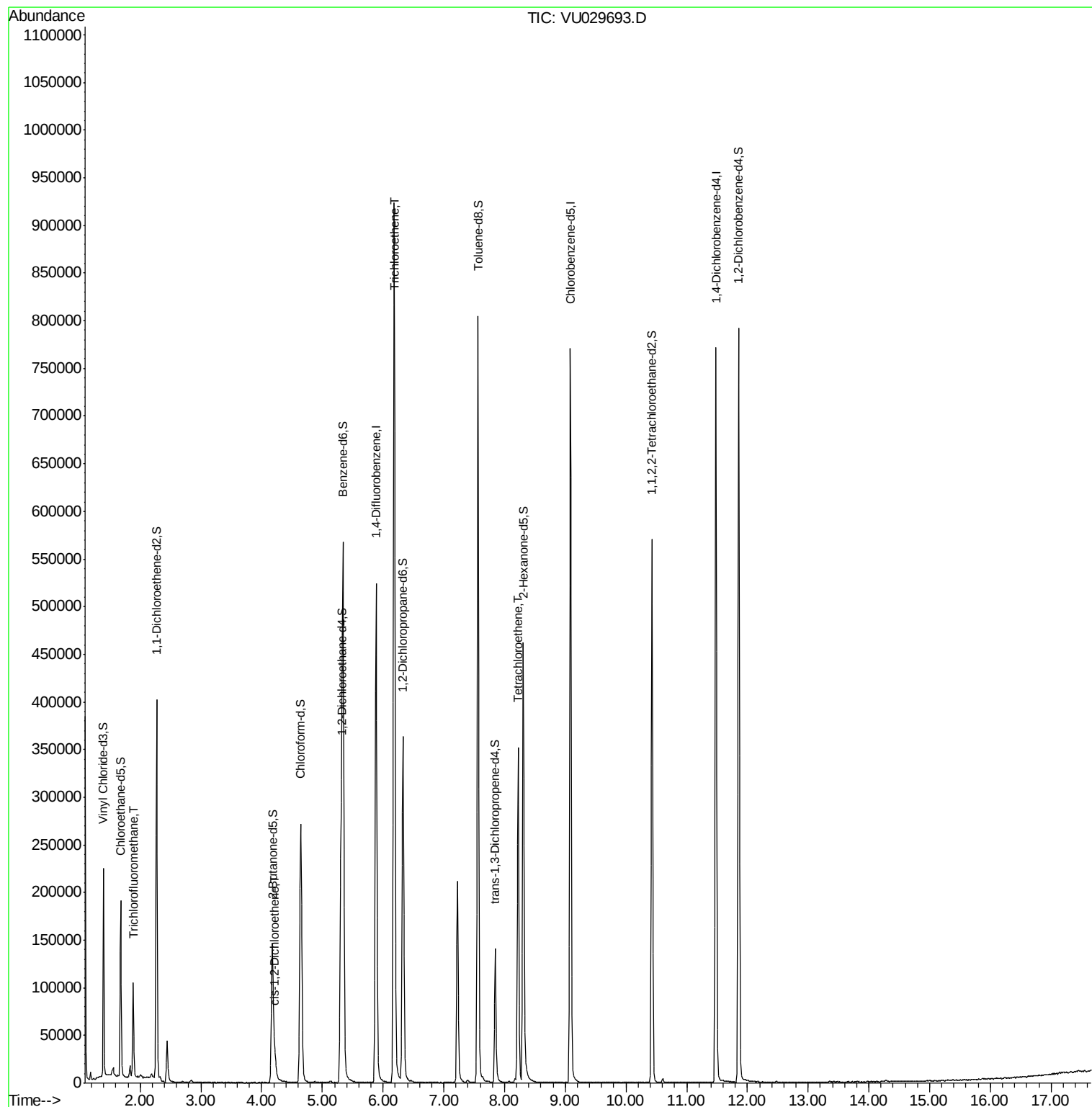
Target Compounds

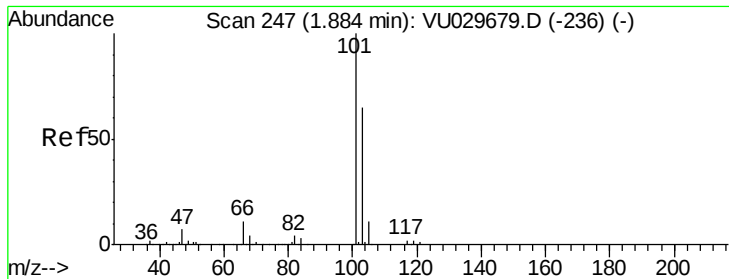
					Ovalue
9) Trichlorofluoromethane	1.88	101	59134	9.556 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	7953	2.357 ug/L	97
34) Trichloroethene	6.18	95	323327	103.292 ug/L	97
46) Tetrachloroethene	8.22	164	84712	27.649 ug/L	97

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

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#9

Trichlorofluoromethane

Concen: 9.556 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU029693.D

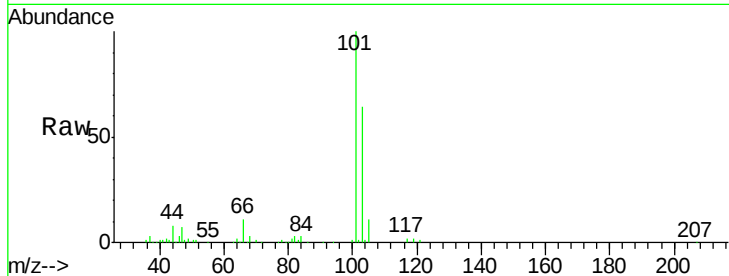
Acq: 26 Feb 2019 19:38

Tot Ion:101 Resp: 59134

Ion Ratio Lower Upper

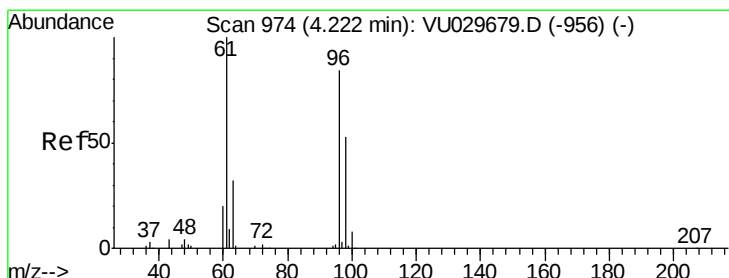
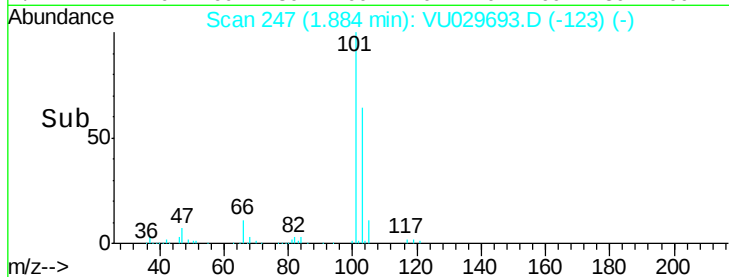
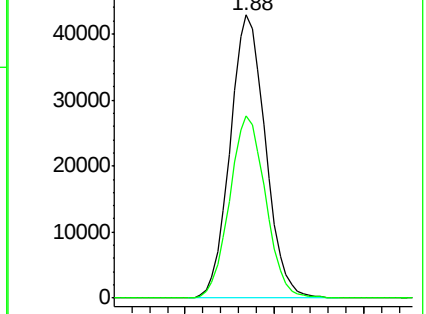
101 100

103 65.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 2.357 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029693.D

Acq: 26 Feb 2019 19:38

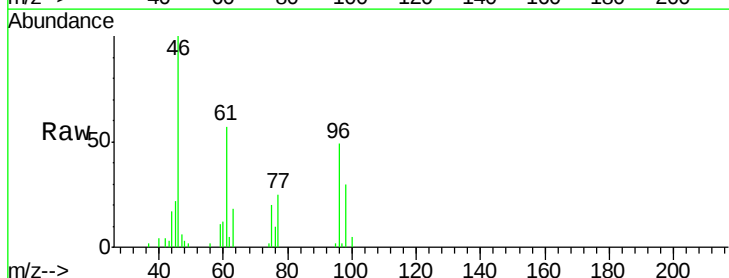
Tgt Ion: 96 Resp: 7953

Ion Ratio Lower Upper

96 100

61 116.9 83.9 155.7

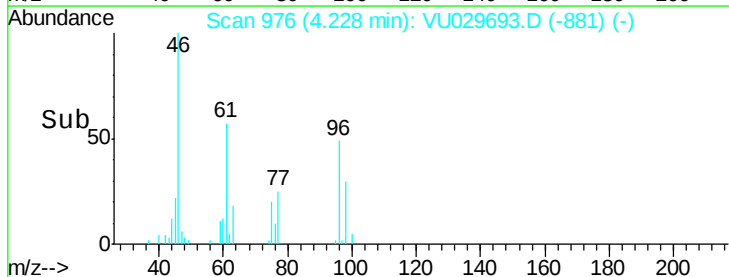
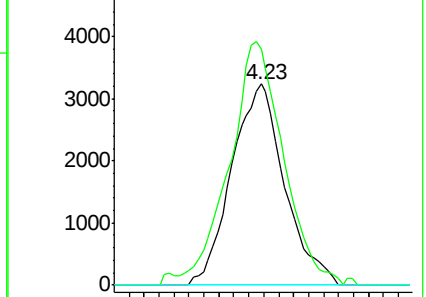
68 0.0 0.0 0.0

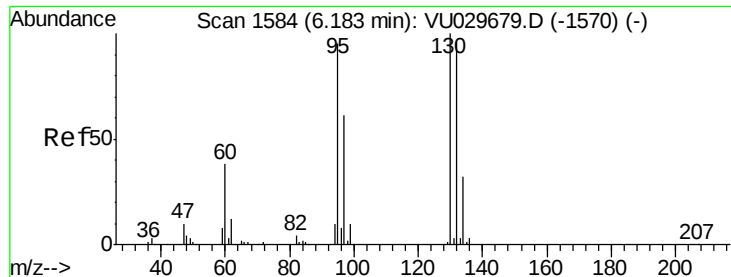


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 103.292 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029693.D

Acq: 26 Feb 2019 19:38

Tot Ion: 95 Resp: 323327

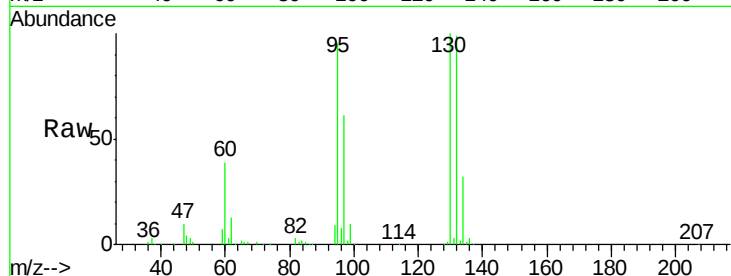
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.6	82.8
132	103.9	74.6	138.6
130	105.4	77.2	143.4

95 100

97 64.1 44.6 82.8

132 103.9 74.6 138.6

130 105.4 77.2 143.4

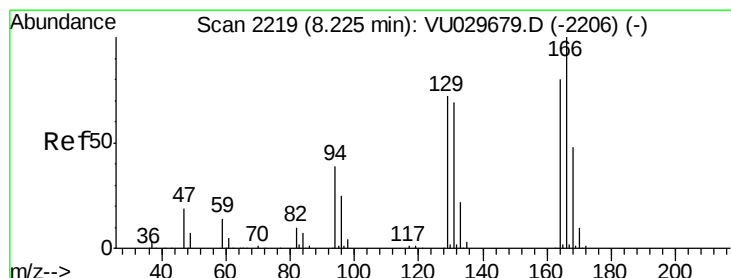
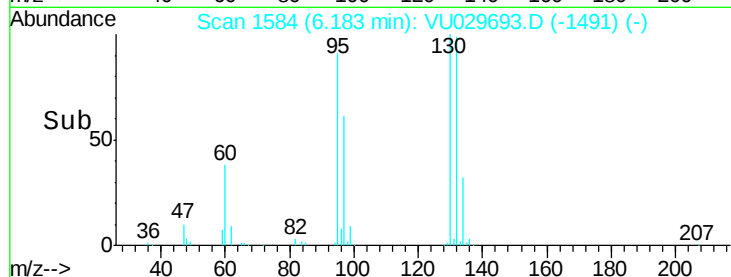
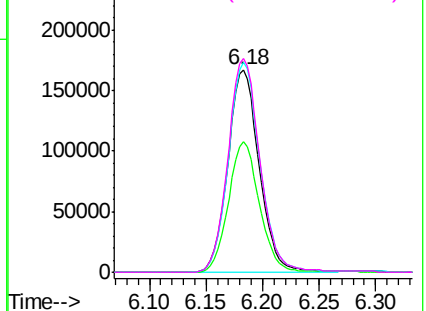


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 27.649 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029693.D

Acq: 26 Feb 2019 19:38

Tgt Ion: 164 Resp: 84712

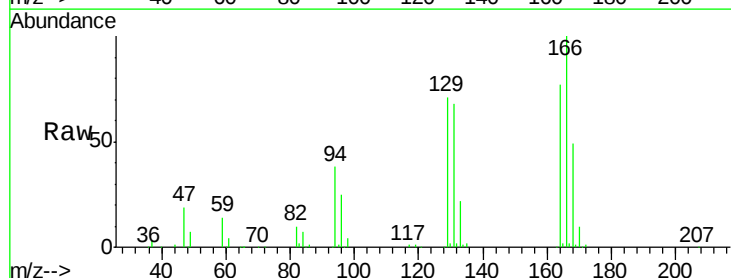
Ion	Ratio	Lower	Upper
164	100		
129	93.1	62.1	115.3
131	88.9	60.1	111.5
166	130.5	89.7	166.5

164 100

129 93.1 62.1 115.3

131 88.9 60.1 111.5

166 130.5 89.7 166.5



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

