

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029690.D
 Acq On : 26 Feb 2019 18:29
 Operator : JC/SP
 Sample : K1624-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 27 03:10:30 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	466168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140993	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.56%
7) Chloroethane-d5	1.68	69	128024	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.32%
11) 1,1-Dichloroethene-d2	2.27	63	201677	30.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.40%
21) 2-Butanone-d5	4.17	46	215377	103.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.61%
24) Chloroform-d	4.64	84	279718	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
26) 1,2-Dichloroethane-d4	5.31	65	178265	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.34	84	598974	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.33	67	184636	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.32%
41) Toluene-d8	7.56	98	563783	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.85	79	83368	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.31	63	169309	90.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278711	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	233935	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%

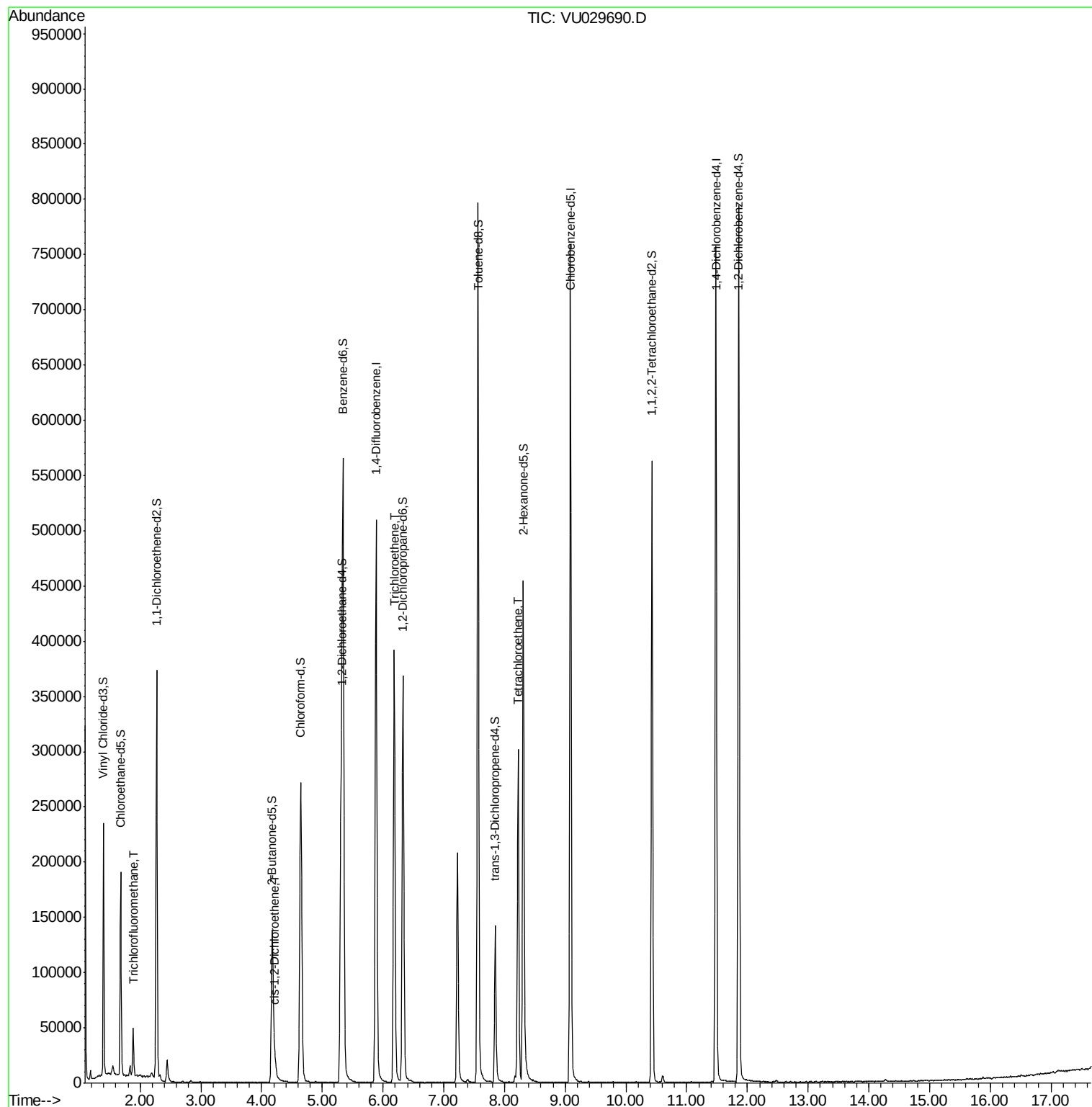
Target Compounds

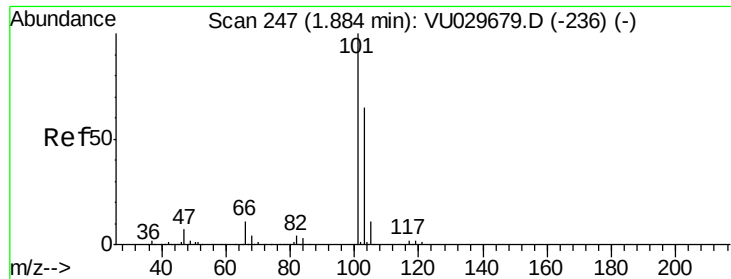
					Ovalue
9) Trichlorofluoromethane	1.88	101	24517	4.039 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	4460	1.347 ug/L	100
34) Trichloroethene	6.18	95	136279	44.222 ug/L	98
46) Tetrachloroethene	8.22	164	73142	24.249 ug/L	97

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

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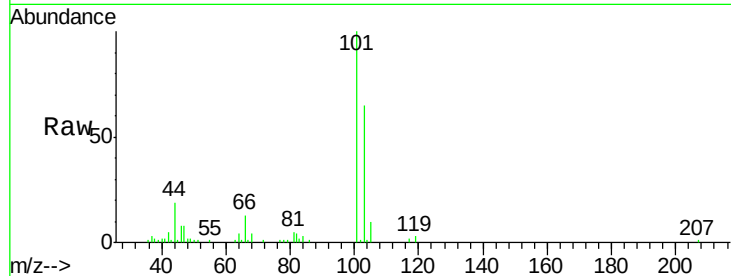




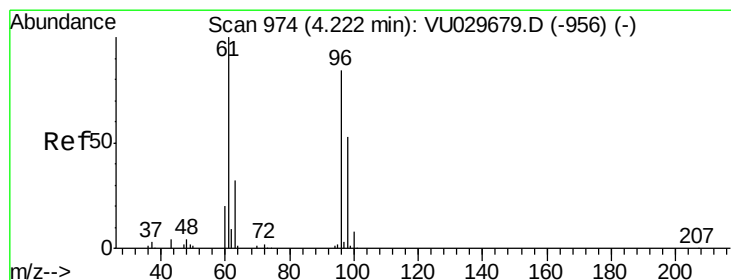
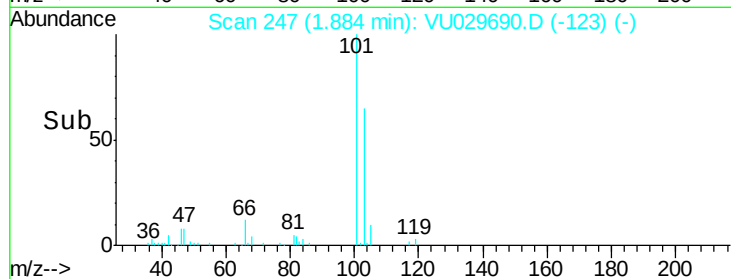
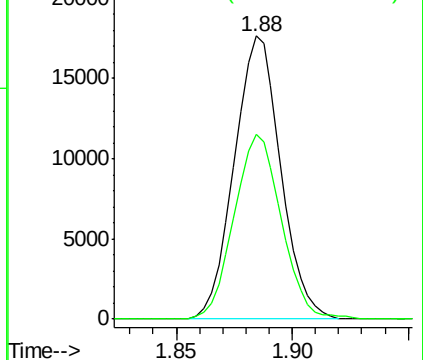
#9

Trichlorofluoromethane
Concen: 4.039 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029690.D
Acq: 26 Feb 2019 18:29

Tot Ion	101	Resp	24517
Ion Ratio	Lower	Upper	
101	100		
103	66.3	51.4	77.2



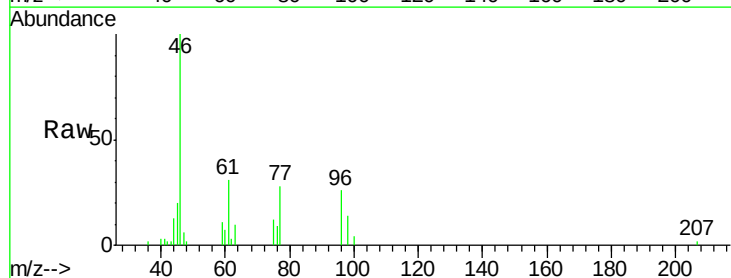
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



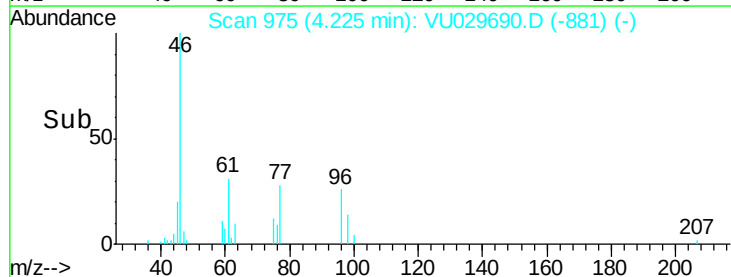
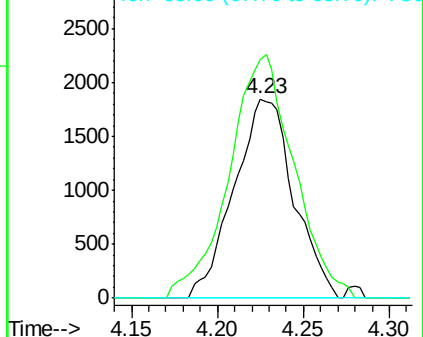
#20

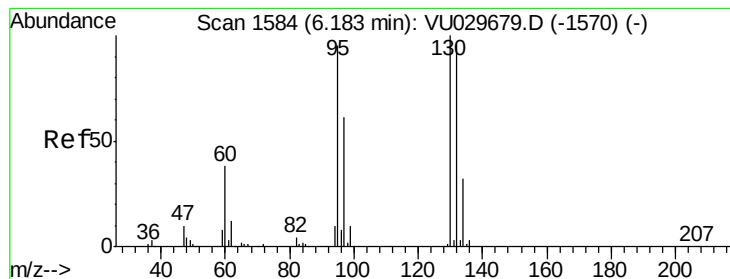
cis-1,2-Dichloroethene
Concen: 1.347 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU029690.D
Acq: 26 Feb 2019 18:29

Tgt Ion	96	Resp	4460
Ion Ratio	Lower	Upper	
96	100		
61	119.7	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: 44.222 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

Tot Ion: 95 Resp: 136279

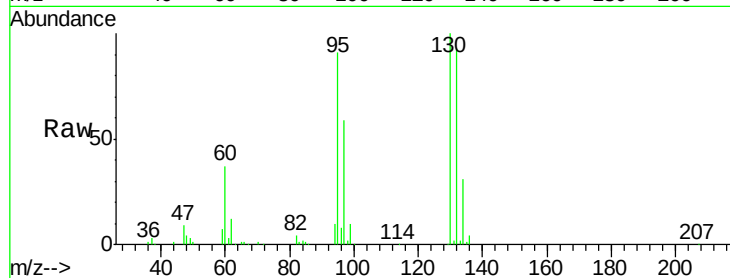
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.6	82.8
132	102.8	74.6	138.6
130	110.3	77.2	143.4

95 100

97 64.8 44.6 82.8

132 102.8 74.6 138.6

130 110.3 77.2 143.4



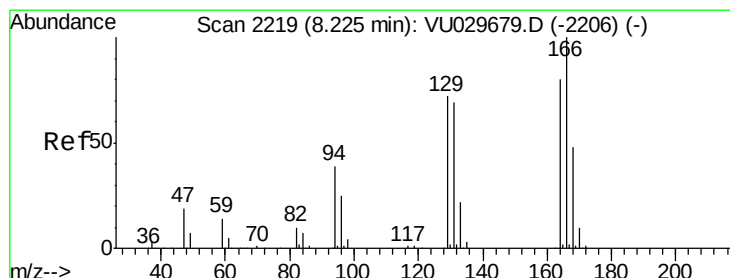
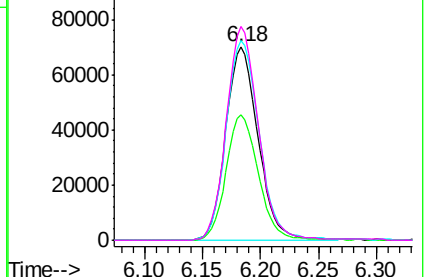
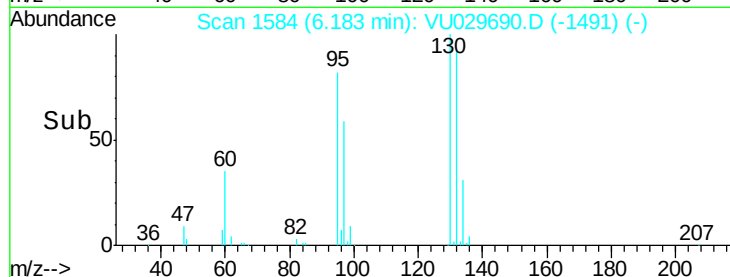
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#46

Tetrachloroethene

Concen: 24.249 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

Tgt Ion:164 Resp: 73142

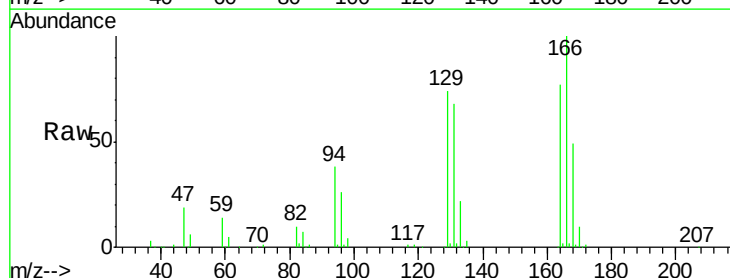
Ion	Ratio	Lower	Upper
164	100		
129	95.3	62.1	115.3
131	88.1	60.1	111.5
166	129.4	89.7	166.5

164 100

129 95.3 62.1 115.3

131 88.1 60.1 111.5

166 129.4 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

Time-->

