

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031427.D
 Acq On : 23 Apr 2019 10:57
 Operator : JC/SP
 Sample : K2478-07DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG0DL

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:45:45 AM

Quant Time: Apr 24 06:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	657791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	620504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	267117	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247609	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.68	69	202294	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.27	63	357899	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
21) 2-Butanone-d5	4.19	46	394760	99.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.64	84	427986	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
26) 1,2-Dichloroethane-d4	5.31	65	269873	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.34	84	887824	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.32	67	287130	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.56	98	751183	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	120538	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.31	63	279055	96.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405730	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	272455	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	12555	2.677 ug/L	97
34) Trichloroethene	6.18	95	241134	50.704 ug/L	97
46) Tetrachloroethene	8.23	164	2931m	0.869 ug/L	

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

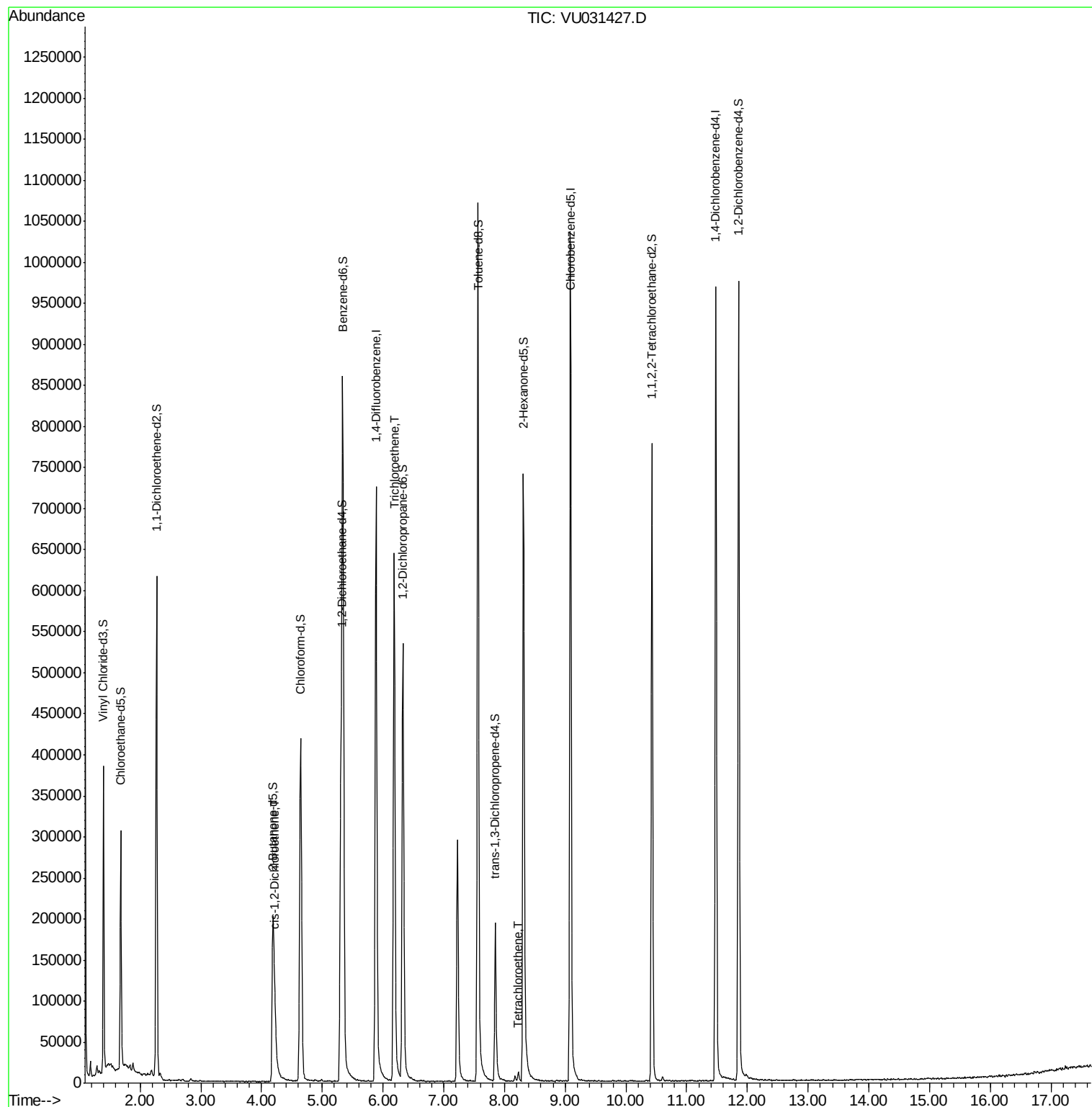
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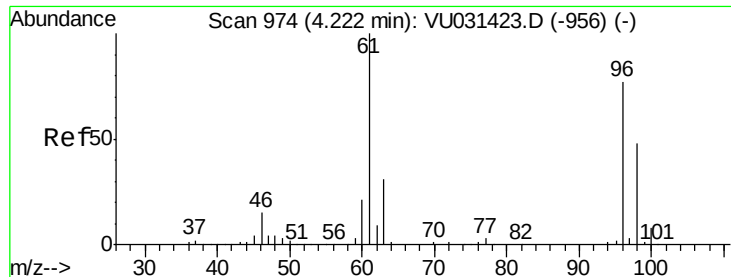
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#20

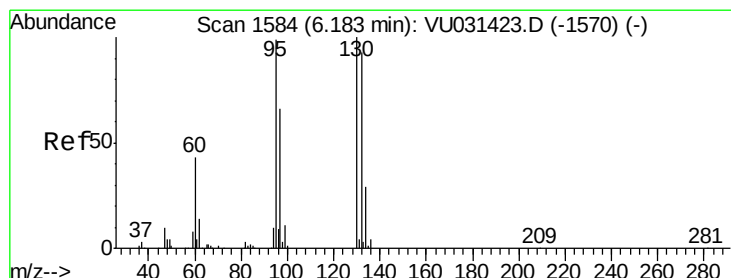
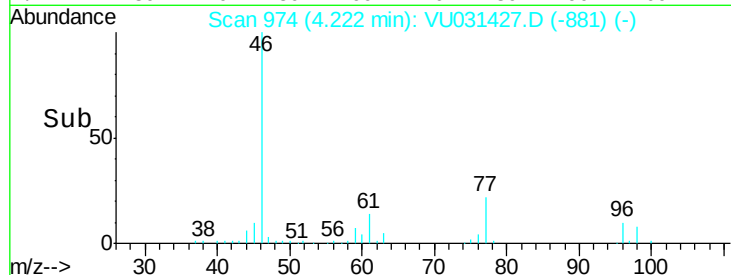
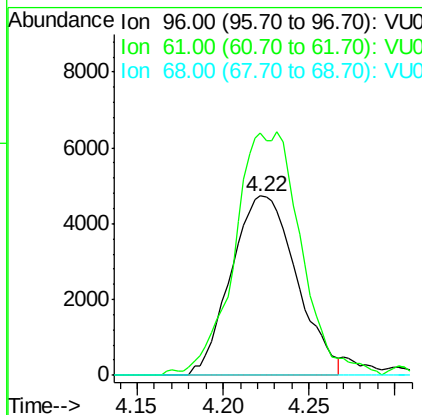
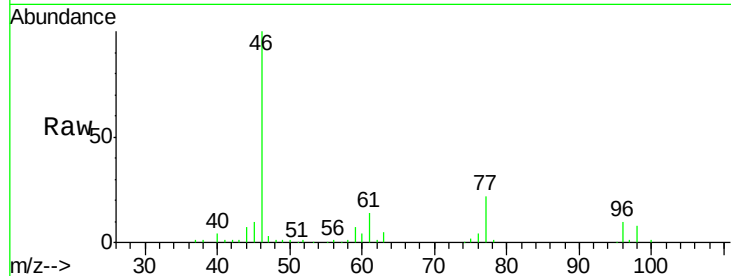
cis-1,2-Dichloroethene
Concen: 2.677 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031427.D
Acq: 23 Apr 2019 10:57

Instrument :
MSVOA_U
ClientSampleId :
C0XG0DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.1	91.9	170.7
68	0.0	0.0	0.0

Manual Integrations
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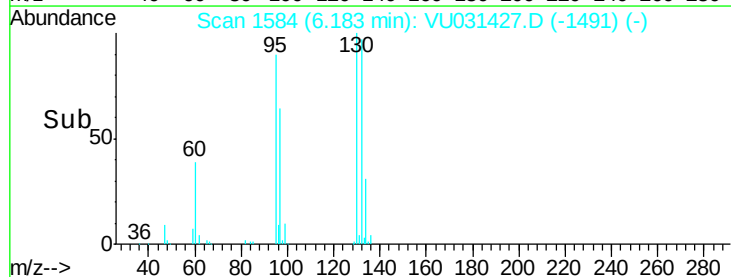
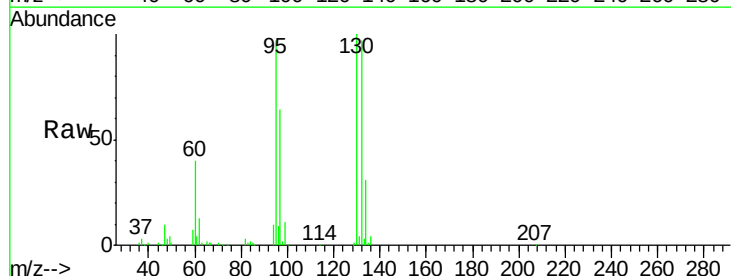
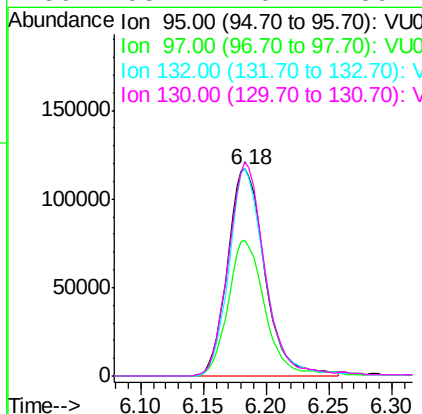
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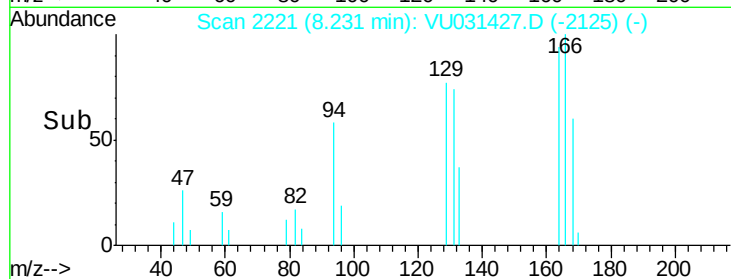
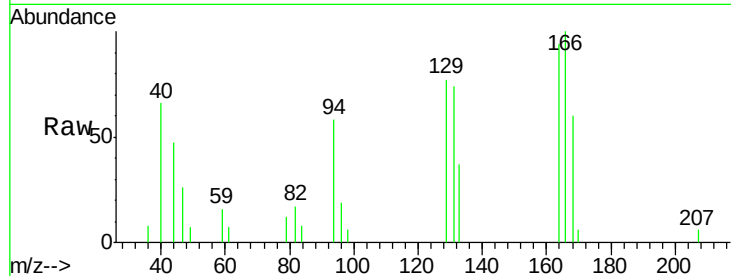
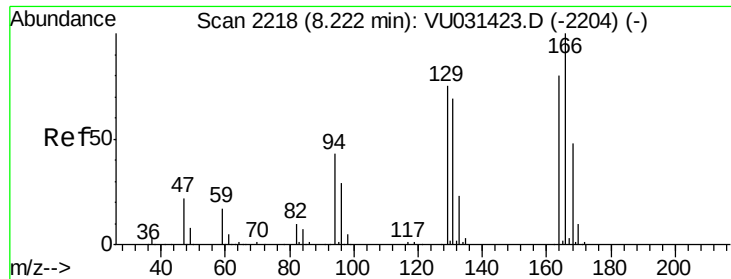


#34

Trichloroethene
Concen: 50.704 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031427.D
Acq: 23 Apr 2019 10:57

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.5
132	100.2	68.0	126.2
130	103.1	70.1	130.1





#46

Tetrachloroethene

Concen: 0.869 ug/L m

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031427.D

Acq: 23 Apr 2019 10:57

Tot Ion	Ratio	Lower	Upper
164	100		
129	81.7	65.2	121.0
131	78.2	61.4	114.0
166	106.3	89.2	165.6

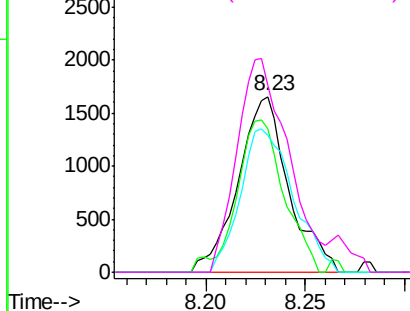
Abundance

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



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