

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031447.D
 Acq On : 23 Apr 2019 18:42
 Operator : JC/SP
 Sample : K2536-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG3

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:46:38 AM

Quant Time: Apr 24 08:40:56 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	742407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	679840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228611	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	195768	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.48%
11) 1,1-Dichloroethene-d2	2.27	63	342789	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	4.19	46	460850	102.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.47%
24) Chloroform-d	4.64	84	422566	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.31	65	262500	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.34	84	888775	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
36) 1,2-Dichloropropane-d6	6.32	67	292552	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.56	98	774717	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.85	79	130986	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.31	63	326383	103.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	406115	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	283051	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	5756	0.726 ug/L #	83
13) Acetone	2.34	43	31720	8.983 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	99065	18.717 ug/L	98
34) Trichloroethene	6.18	95	1958492	375.876 ug/L	99
46) Tetrachloroethene	8.23	164	3089m	0.836 ug/L	

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

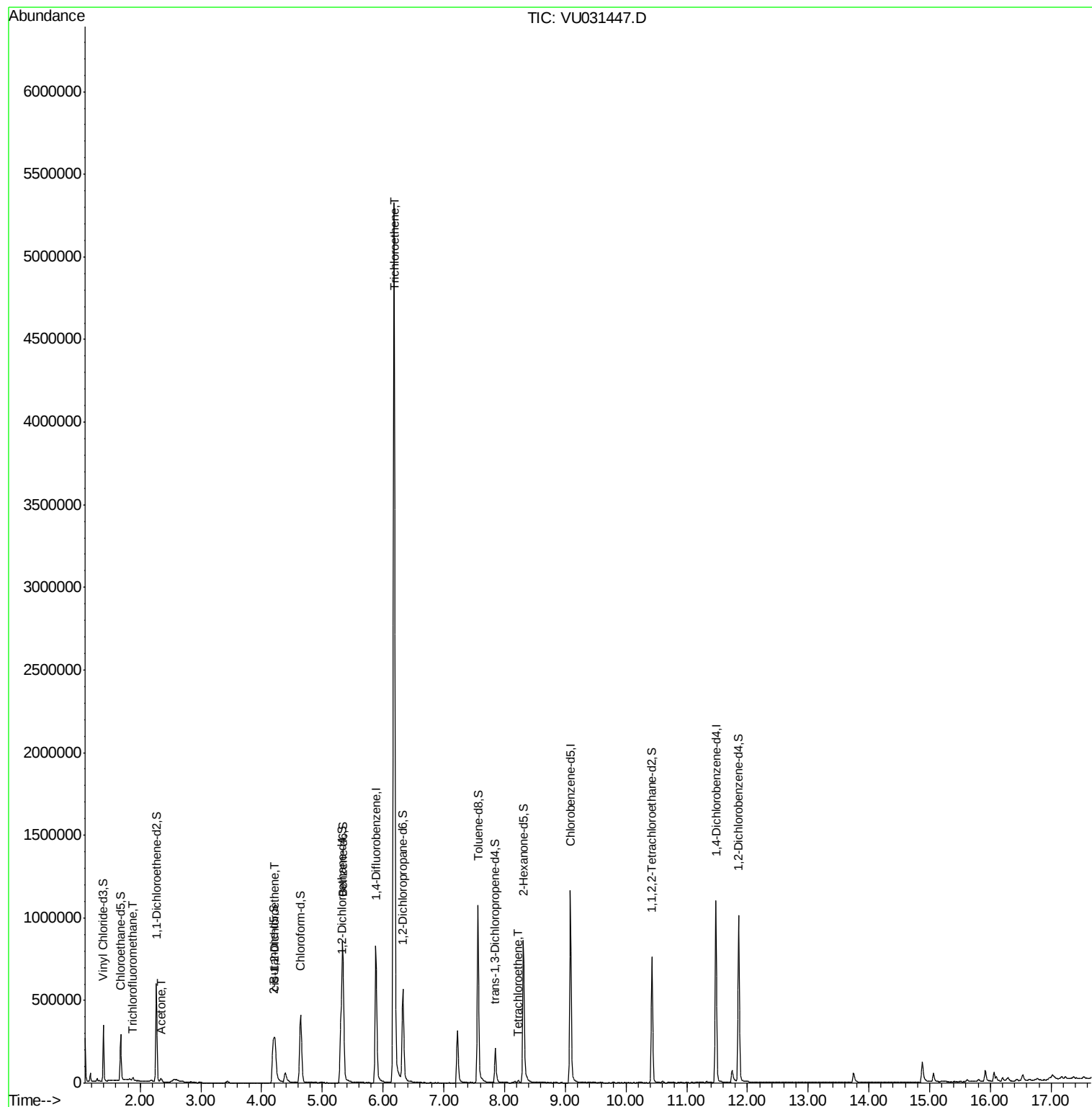
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031447.D
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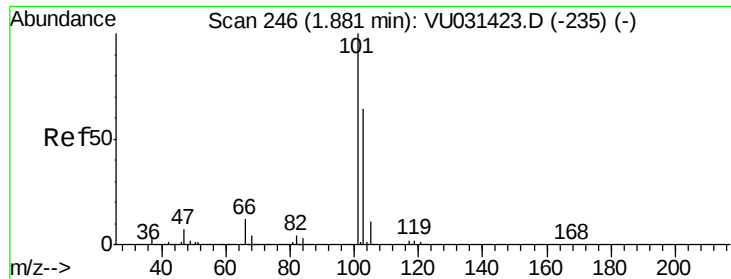
Instrument :
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QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#9

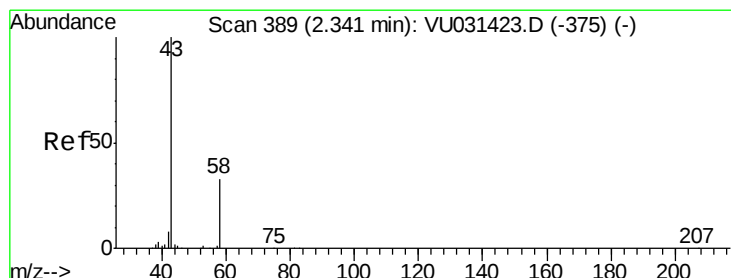
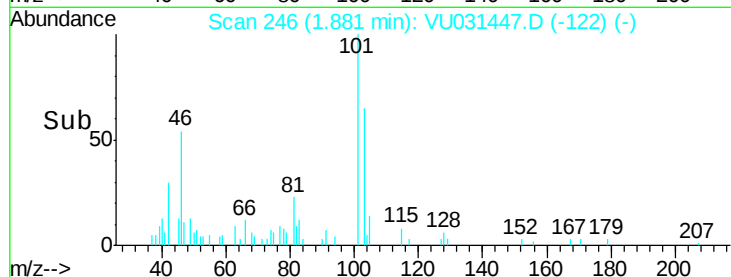
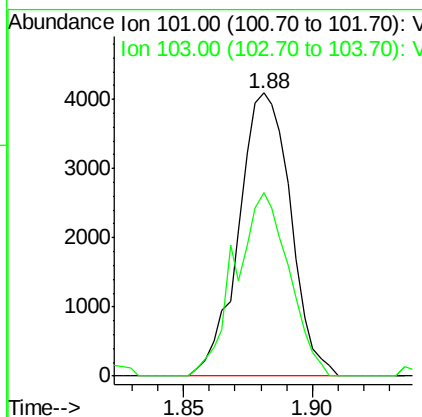
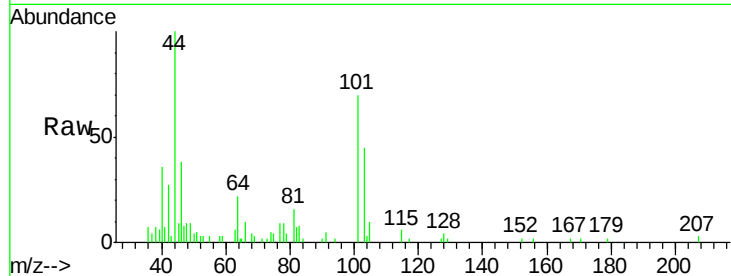
Trichlorofluoromethane
 Concen: 0.726 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG3

Tot Ion	Ratio	Lower	Upper
101	100		
103	51.3	51.4	77.2#

Manual Integrations
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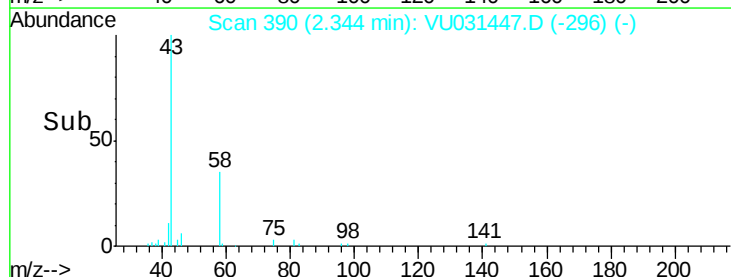
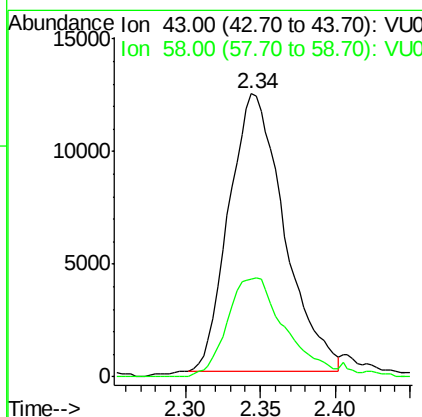
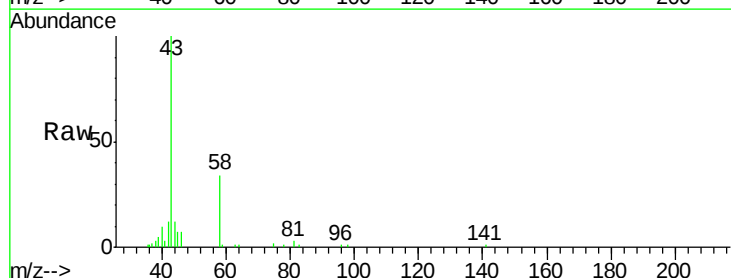
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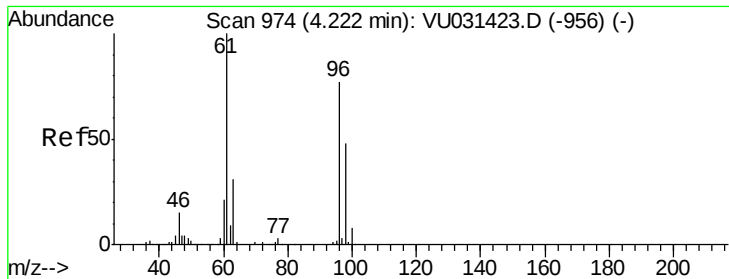


#13

Acetone
 Concen: 8.983 ug/L
 RT: 2.34 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	66.4





#20

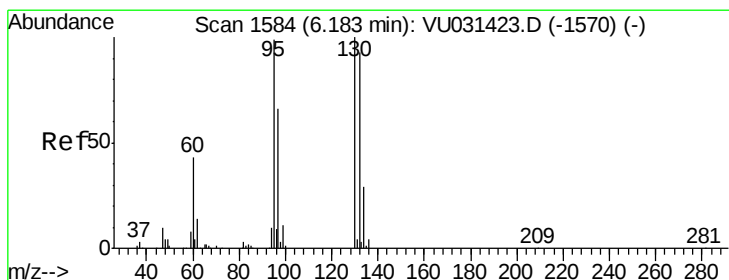
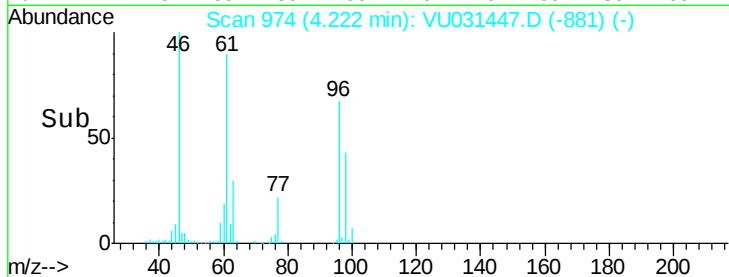
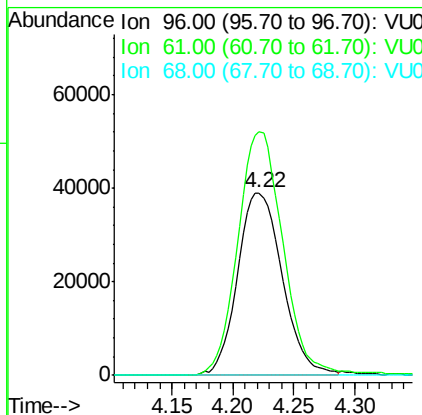
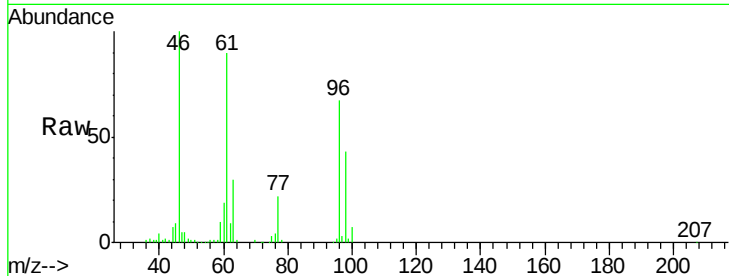
cis-1,2-Dichloroethene
 Concen: 18.717 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	91.9	170.7
68	0.0	0.0	0.0

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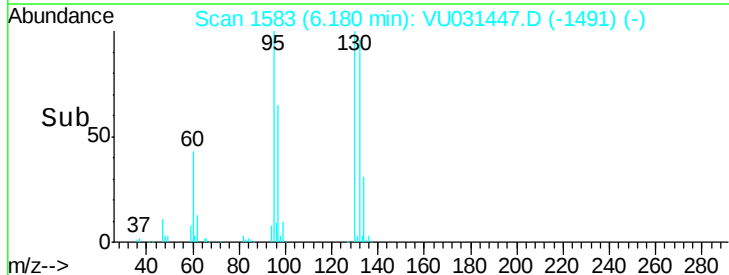
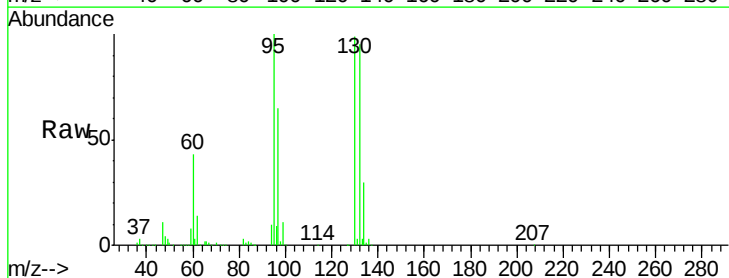
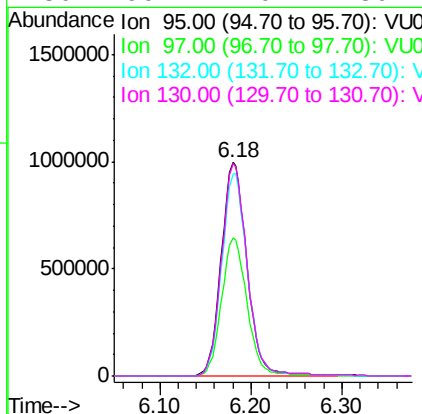
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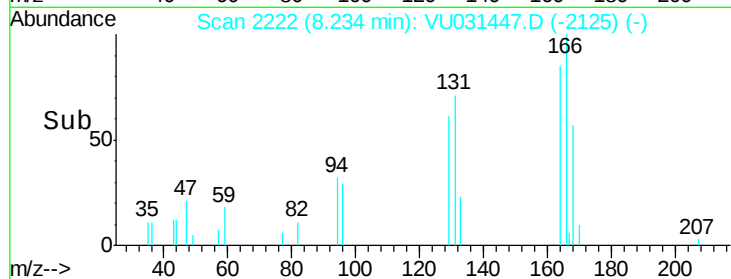
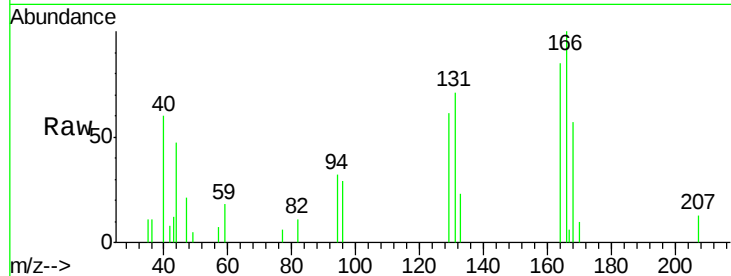
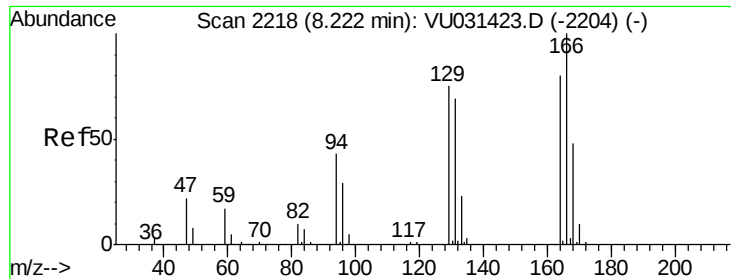


#34

Trichloroethene
 Concen: 375.876 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.5
132	94.8	68.0	126.2
130	99.2	70.1	130.1





#46

Tetrachloroethene

Concen: 0.836 ug/L m

RT: 8.23 min Scan# 2222

Delta R.T. 0.01 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

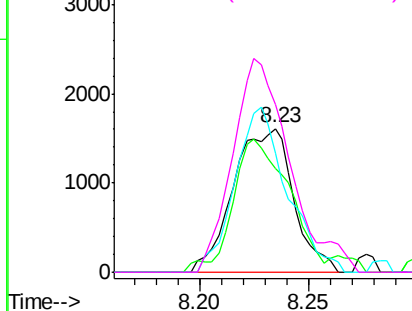
Tot Ion	Ratio	Lower	Upper
164	100		
129	71.8	65.2	121.0
131	83.1	61.4	114.0
166	117.1	89.2	165.6

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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