

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030799.D
 Acq On : 06 Apr 2019 14:45
 Operator : JC/SP
 Sample : K2167-09ME
 Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:12:31 PM

Quant Time: Apr 08 05:26:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174177	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.12%
7) Chloroethane-d5	1.64	69	129931m	39.37	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.74%
11) 1,1-Dichloroethene-d2	2.23	63	277781	35.32	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.19	46	346450	100.54	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.64	84	307285	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.30	65	228934	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.33	84	661734	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.32	67	232229	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.56	98	573894	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%
43) trans-1,3-Dichloropropene-	7.85	79	103892	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
47) 2-Hexanone-d5	8.32	63	248433	112.11	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	341539	52.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	220396	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	3537	0.896 ug/L	89
34) Trichloroethene	6.18	95	18960	4.874 ug/L	92
46) Tetrachloroethene	8.22	164	212782	75.244 ug/L	96

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

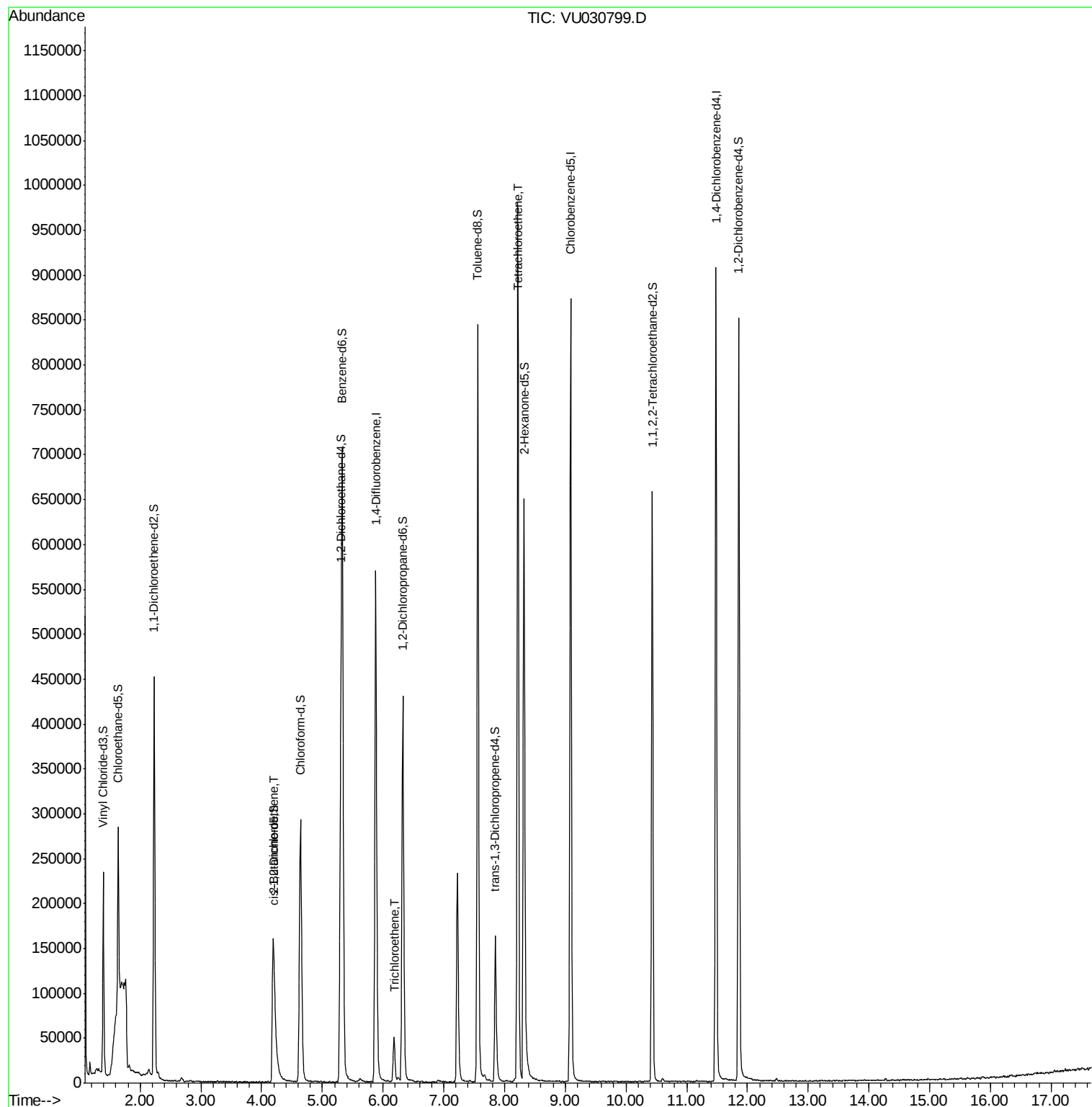
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040719\
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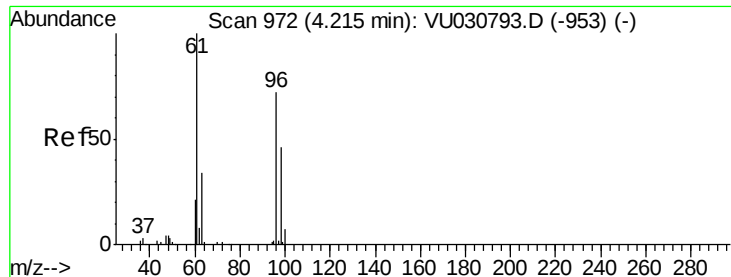
Instrument :
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#20

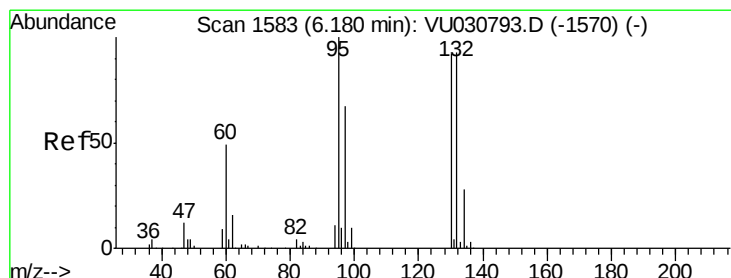
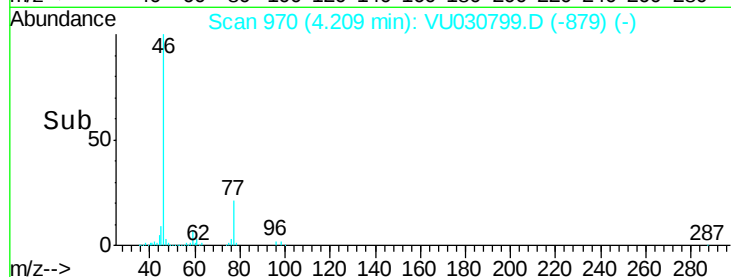
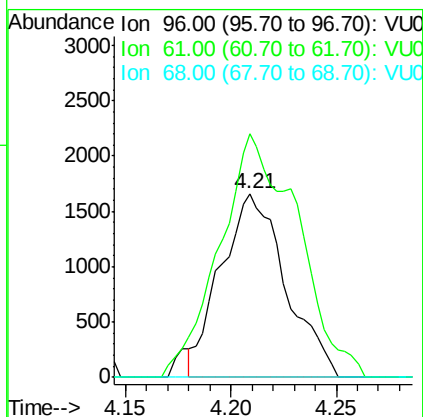
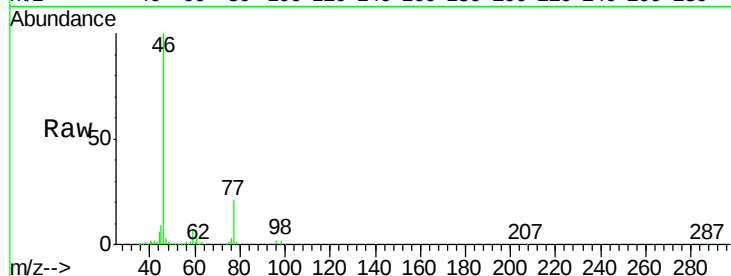
cis-1,2-Dichloroethene
Concen: 0.896 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU030799.D
Acq: 06 Apr 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
BF110ME

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	102.9	191.1
68	0.0	0.0	0.0

Manual Integrations
APPROVED

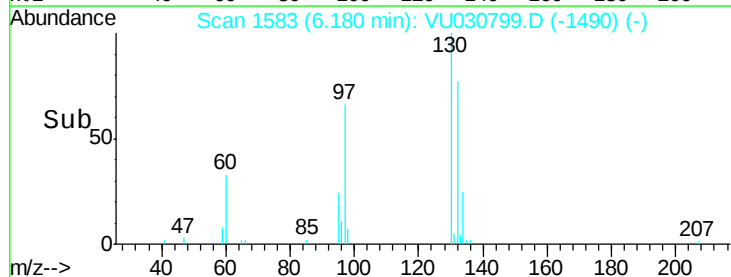
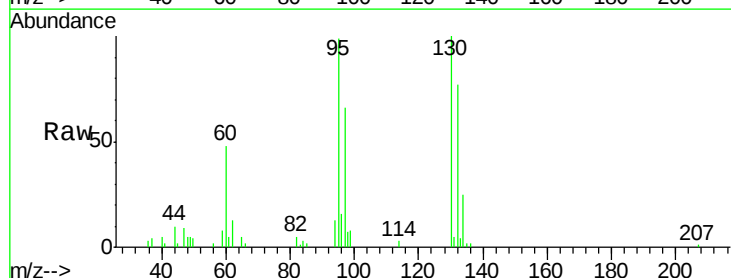
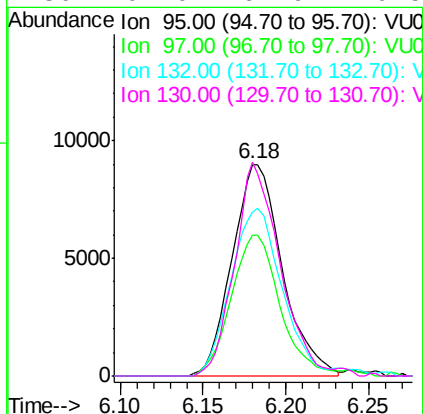
MMDadoda
4/8/2019 3:12:31 PM

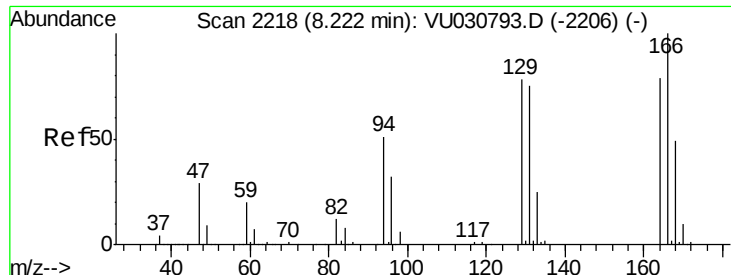


#34

Trichloroethene
Concen: 4.874 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030799.D
Acq: 06 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.5	82.7
132	77.3	61.5	114.1
130	101.0	64.9	120.5





#46

Tetrachloroethene

Concen: 75.244 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030799.D

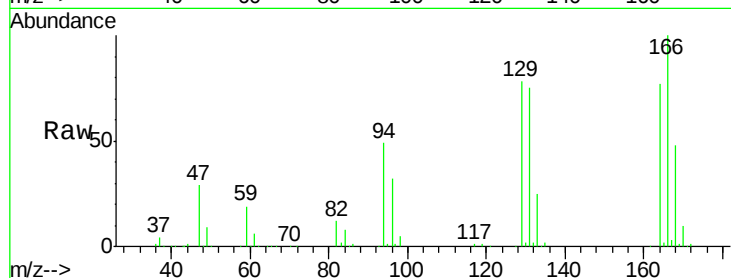
Acq: 06 Apr 2019 14:45

Instrument :

MSVOA_U

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Tot Ion:164 Resp: 212782

Ion Ratio Lower Upper

164 100

129 101.6 67.4 125.2

131 97.7 65.9 122.5

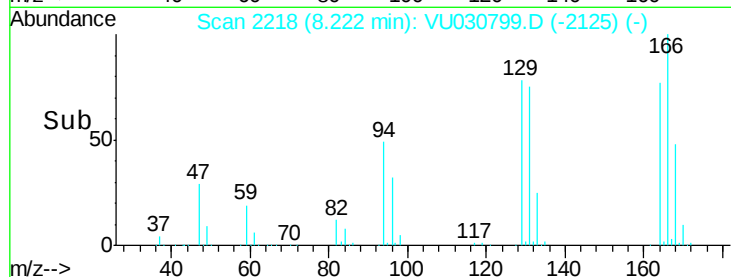
166 129.5 88.6 164.6

Manual Integrations

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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

