

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030807.D
 Acq On : 06 Apr 2019 17:49
 Operator : JC/SP
 Sample : K2277-09ME
 Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF172ME

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 1:52:37 PM

Quant Time: Apr 09 01:17:05 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	506323	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496465	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109525	24.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	48.46%#
7) Chloroethane-d5	1.64	69	82050m	23.92	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.84%#
11) 1,1-Dichloroethene-d2	2.23	63	175744	21.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.00%#
21) 2-Butanone-d5	4.20	46	204655	57.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.13%
24) Chloroform-d	4.64	84	198343	28.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.46%#
26) 1,2-Dichloroethane-d4	5.30	65	145415	30.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.74%#
32) Benzene-d6	5.33	84	417099	28.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.56%#
36) 1,2-Dichloropropane-d6	6.32	67	144914	29.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.36%#
41) Toluene-d8	7.56	98	354729	27.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.22%#
43) trans-1,3-Dichloropropene-	7.85	79	63080	27.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.70%#
47) 2-Hexanone-d5	8.32	63	144324	63.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	209467	31.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.52%#
64) 1,2-Dichlorobenzene-d4	11.86	152	133524	28.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.22%#

Target Compounds					Ovalue	
20) cis-1,2-Dichloroethene	4.21	96	6678m	1.627	ug/L	
34) Trichloroethene	6.18	95	31018	7.784	ug/L	94
46) Tetrachloroethene	8.22	164	58321	20.131	ug/L	99

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

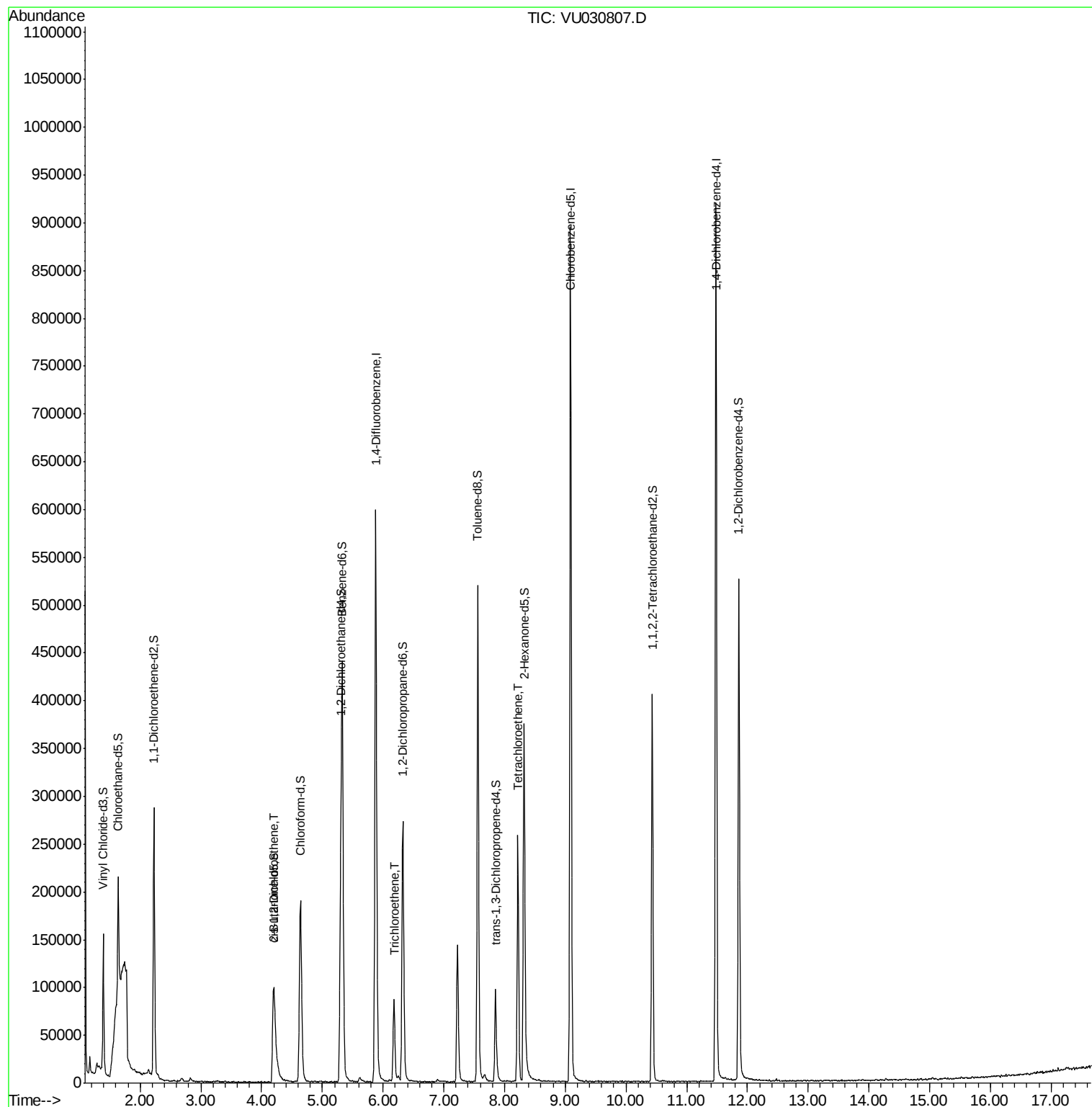
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040719\
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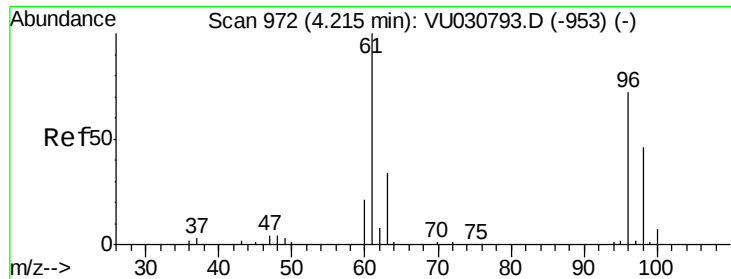
Instrument :
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#20

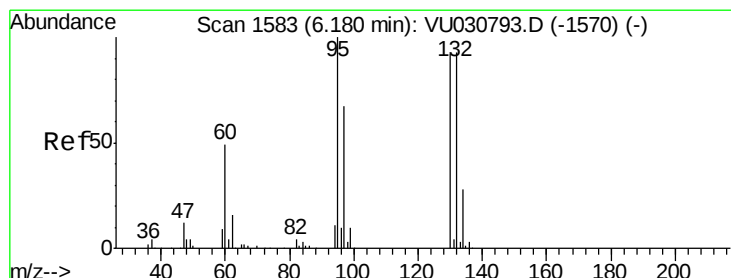
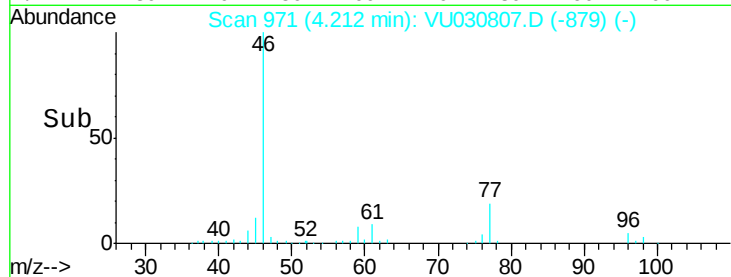
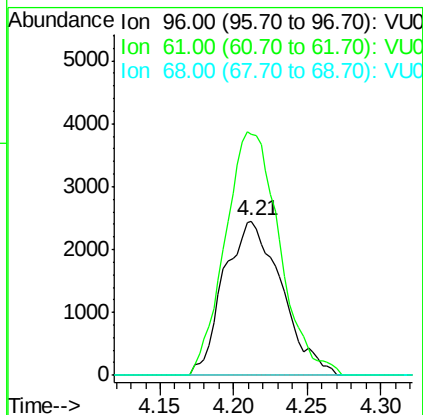
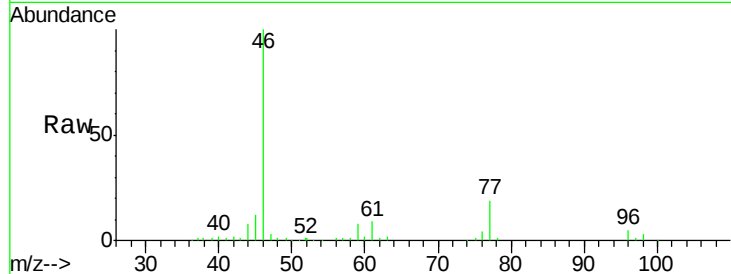
cis-1,2-Dichloroethene
Concen: 1.627 ug/L m
RT: 4.21 min Scan# 971
Delta R.T. -0.00 min
Lab File: VU030807.D
Acq: 06 Apr 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	102.9	191.1
68	0.0	0.0	0.0

Manual Integrations
APPROVED

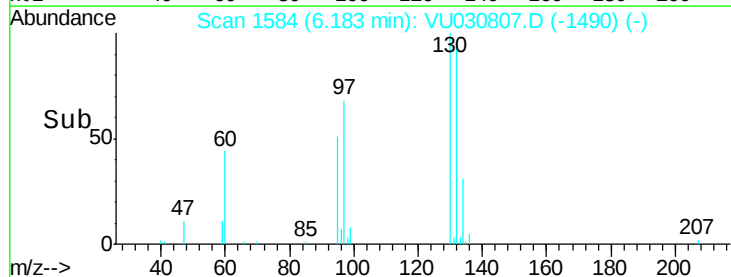
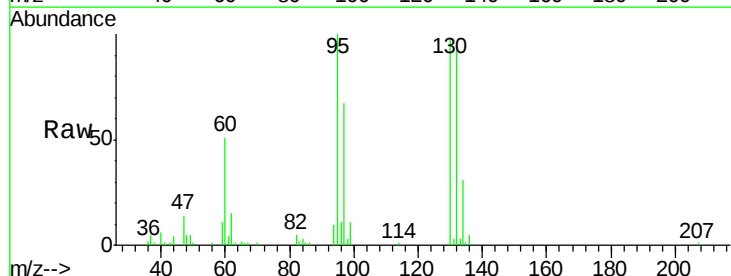
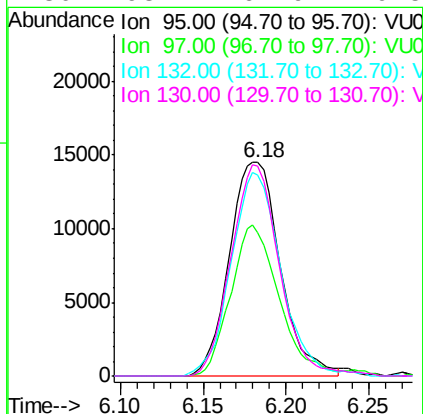
MMDadoda
4/10/2019 1:52:37 PM

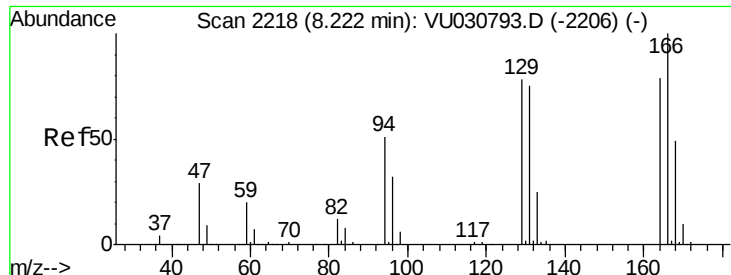


#34

Trichloroethene
Concen: 7.784 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030807.D
Acq: 06 Apr 2019 17:49

Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.5	82.7
132	94.2	61.5	114.1
130	98.4	64.9	120.5





#46

Tetrachloroethene

Concen: 20.131 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030807.D

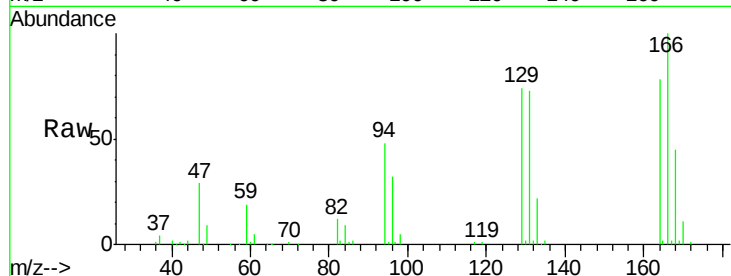
Acq: 06 Apr 2019 17:49

Instrument :

MSVOA_U

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Tot Ion:164 Resp: 58321

Ion Ratio Lower Upper

164 100

129 95.1 67.4 125.2

131 92.8 65.9 122.5

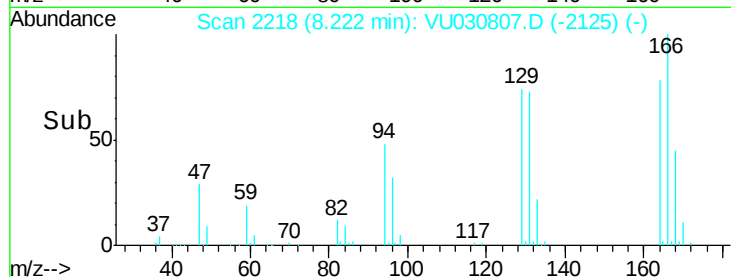
166 127.8 88.6 164.6

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

