

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030816.D
 Acq On : 06 Apr 2019 21:17
 Operator : JC/SP
 Sample : K2277-07ME
 Misc : 5.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF169ME

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 1:52:20 PM

Quant Time: Apr 09 01:20:35 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	434845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	200854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101768	26.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.44%#
7) Chloroethane-d5	1.64	69	74596m	25.32	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.64%#
11) 1,1-Dichloroethene-d2	2.23	63	159415	22.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.42%#
21) 2-Butanone-d5	4.19	46	187031	60.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.79%
24) Chloroform-d	4.64	84	171459	28.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.84%#
26) 1,2-Dichloroethane-d4	5.30	65	131614	32.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.06%#
32) Benzene-d6	5.33	84	374958	29.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.40%#
36) 1,2-Dichloropropane-d6	6.32	67	129066	29.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.66%#
41) Toluene-d8	7.56	98	311399	27.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.72%#
43) trans-1,3-Dichloropropene-	7.85	79	55512	27.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.34%#
47) 2-Hexanone-d5	8.32	63	133624	66.44	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	188695	31.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.58%#
64) 1,2-Dichlorobenzene-d4	11.86	152	122659	31.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.10%#

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	60971	17.301 ug/L	91
34) Trichloroethene	6.18	95	57758	16.361 ug/L	97
46) Tetrachloroethene	8.22	164	704130	274.343 ug/L	98

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

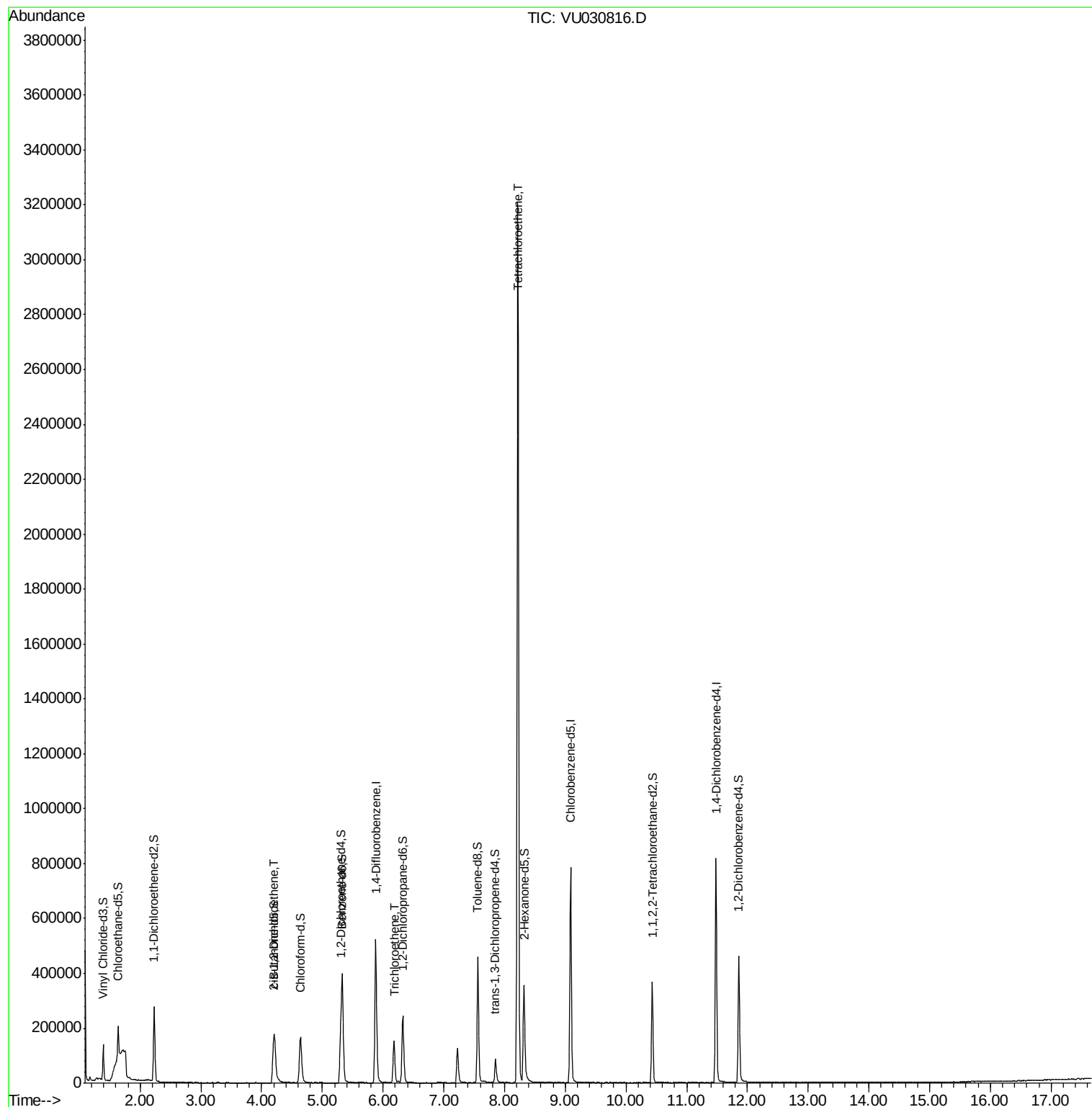
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040719\
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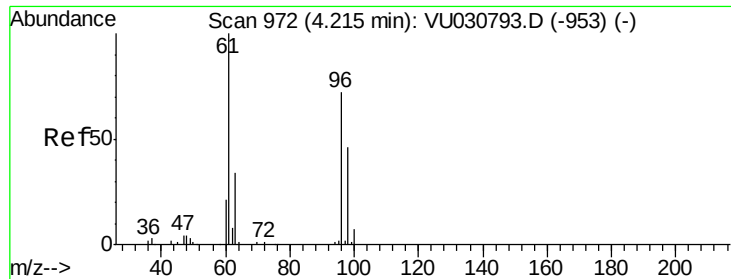
Instrument :
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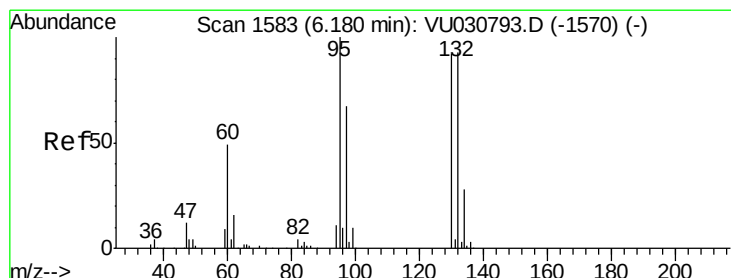
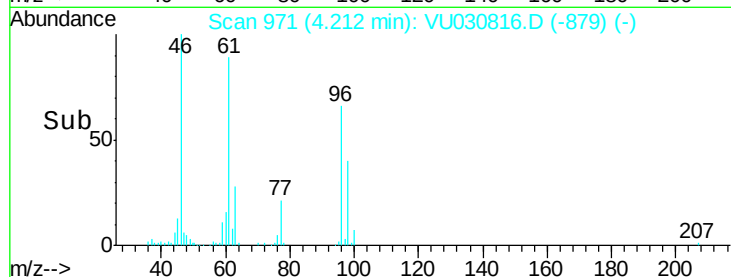
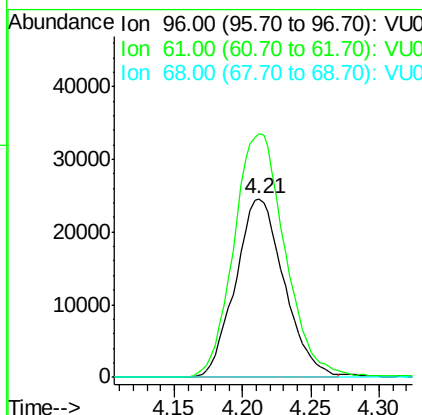
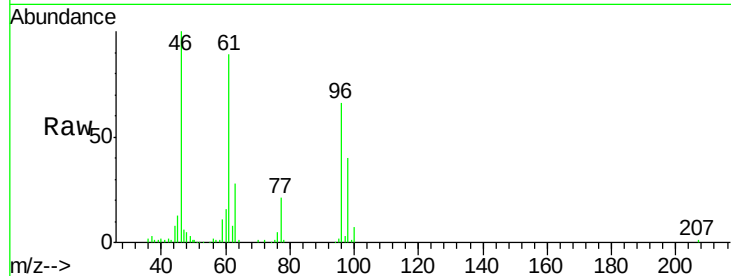
#20
 cis-1,2-Dichloroethene
 Concen: 17.301 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU030816.D
 Acq: 06 Apr 2019 21:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BF169ME

Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	136.2	102.9	191.1
68	68	0.0	0.0	0.0

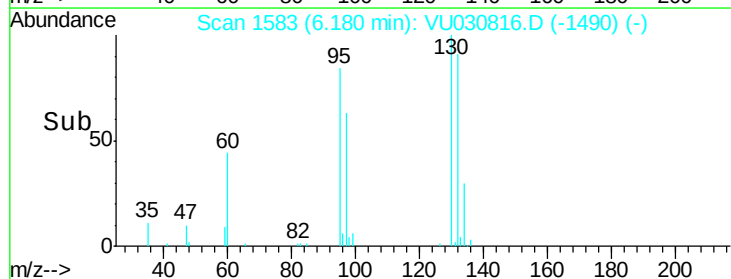
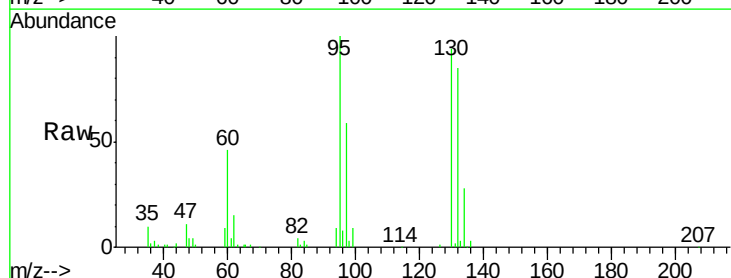
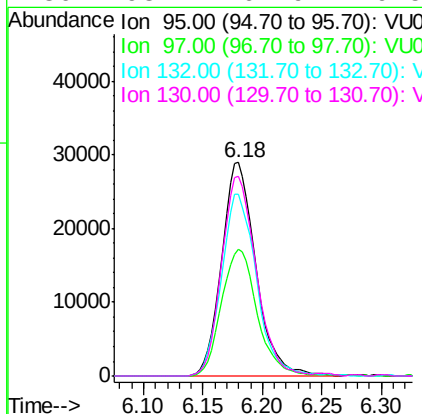
Manual Integrations
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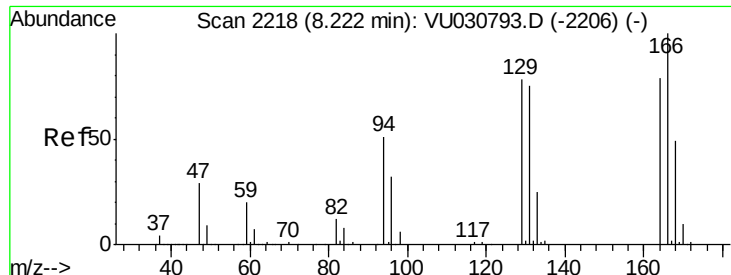
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#34
 Trichloroethene
 Concen: 16.361 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030816.D
 Acq: 06 Apr 2019 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
95	95	100		
97	97	59.1	44.5	82.7
132	132	85.0	61.5	114.1
130	130	93.7	64.9	120.5





#46

Tetrachloroethene

Concen: 274.343 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030816.D

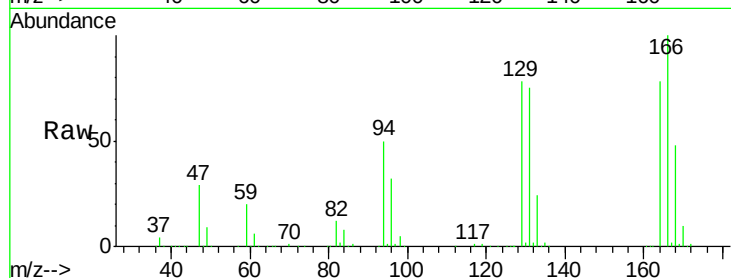
Acq: 06 Apr 2019 21:17

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Tot Ion:164 Resp: 704130

Ion Ratio Lower Upper

164 100

129 100.1 67.4 125.2

131 95.3 65.9 122.5

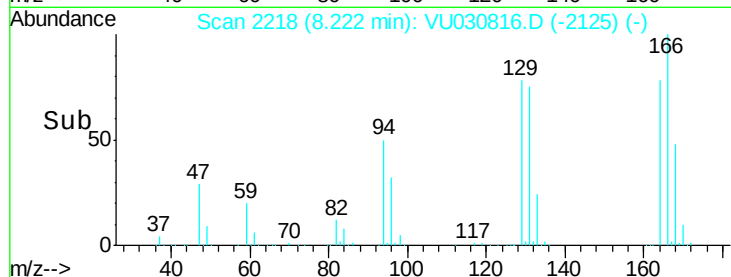
166 127.6 88.6 164.6

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

