

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030153.D
 Acq On : 16 Mar 2019 18:26
 Operator : JC/SP
 Sample : K1936-14
 Misc : 4.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0X2

Manual Integrations
 APPROVED

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 3/18/2019 9:36:22 AM

Quant Time: Mar 18 06:47:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	570404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	133129	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.64	69	65350m	21.46	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.92%#
11) 1,1-Dichloroethene-d2	2.23	63	188636	27.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.40%#
21) 2-Butanone-d5	4.19	46	267115	94.49	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.49%
24) Chloroform-d	4.64	84	270493	39.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.94%
26) 1,2-Dichloroethane-d4	5.30	65	164895	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
32) Benzene-d6	5.33	84	573572	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.18%
36) 1,2-Dichloropropane-d6	6.32	67	184932	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.30%
41) Toluene-d8	7.56	98	514300	36.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.90%#
43) trans-1,3-Dichloropropene-	7.85	79	83210	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
47) 2-Hexanone-d5	8.32	63	242073	95.10	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332964	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	252483	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	5236	1.181 ug/L	94
34) Trichloroethene	6.18	95	13477	3.112 ug/L	92
46) Tetrachloroethene	8.22	164	170345	44.948 ug/L	98

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

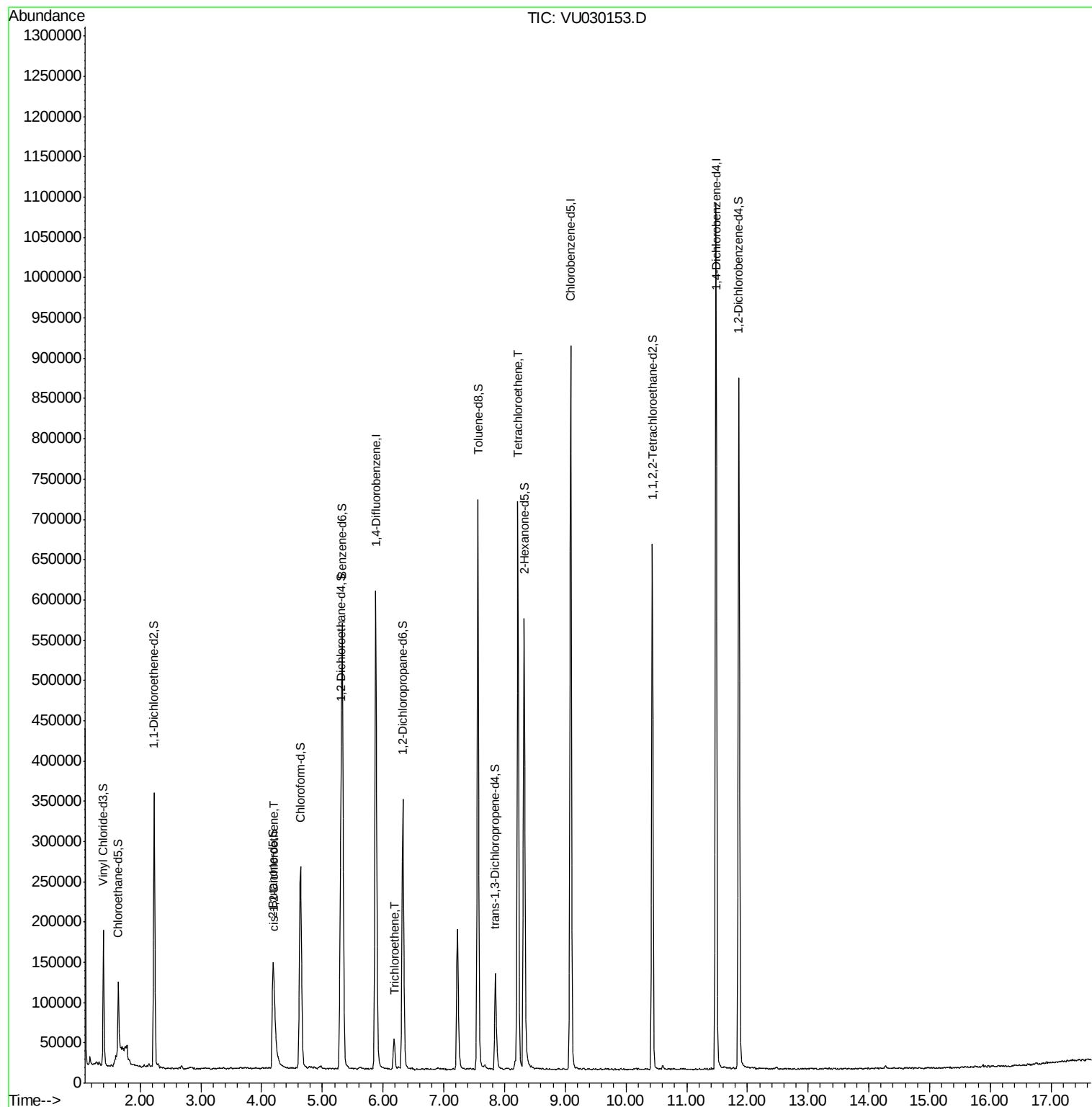
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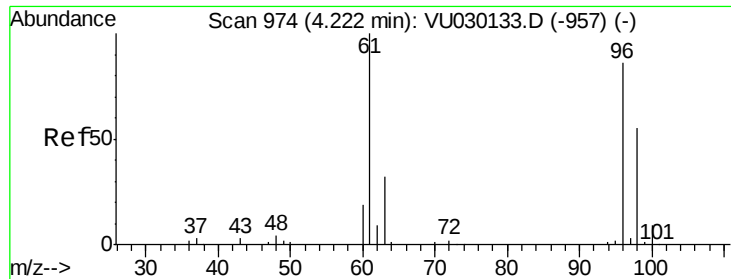
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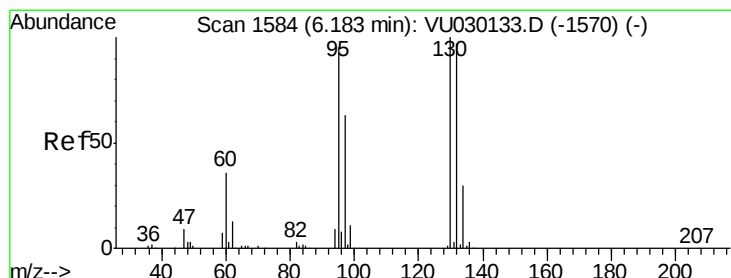
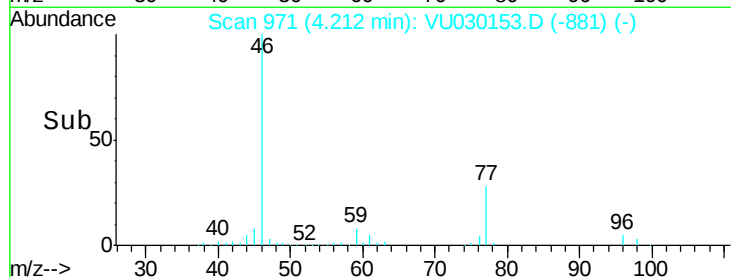
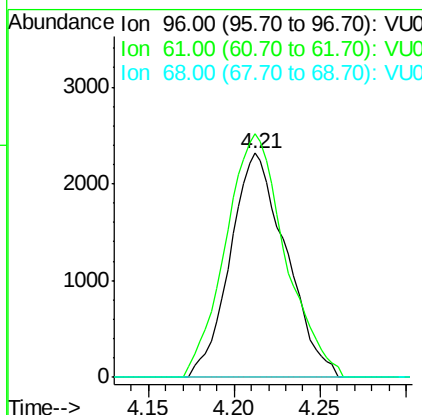
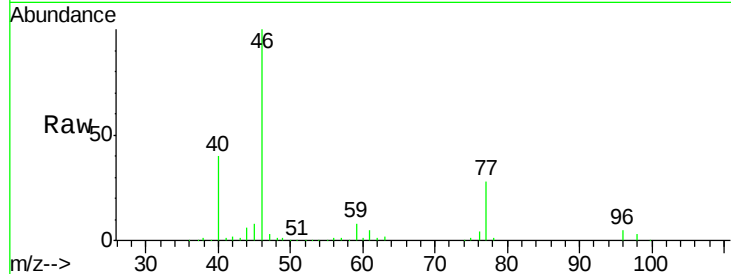
#20
cis-1,2-Dichloroethene
Concen: 1.181 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
BF0X2

Tot Ion	Ratio	Lower	Upper
96	100		
61	108.6	80.8	150.2
68	0.0	0.0	0.0

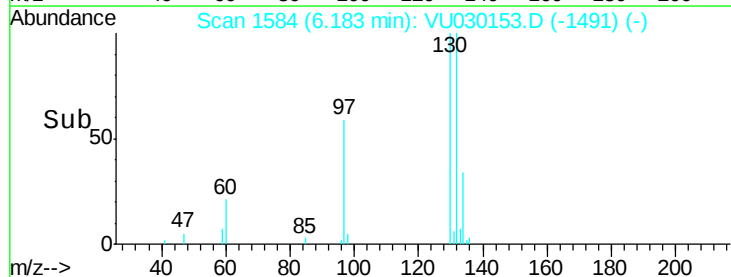
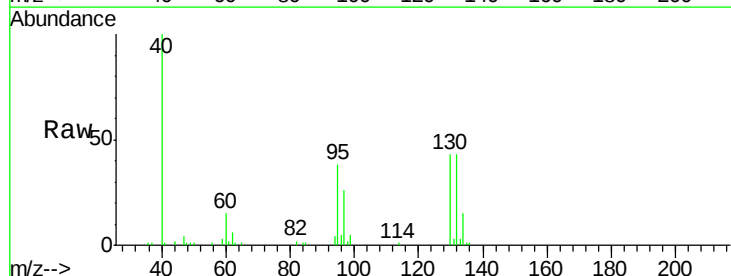
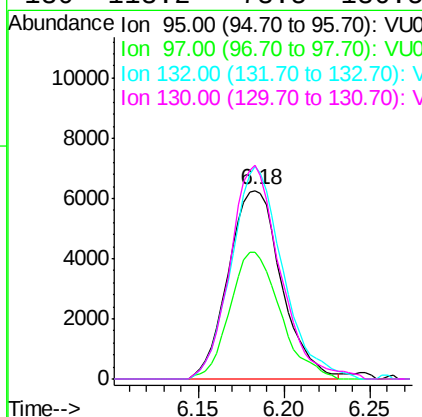
Manual Integrations
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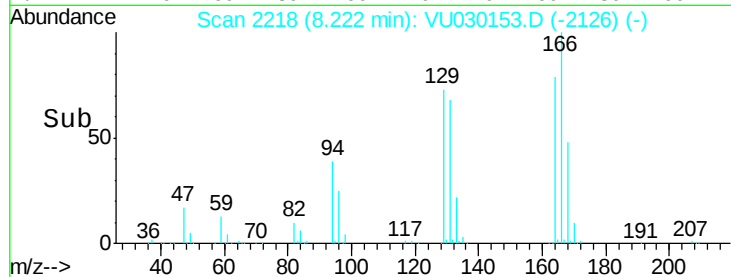
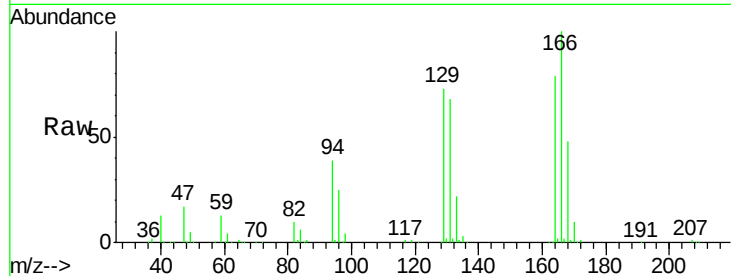
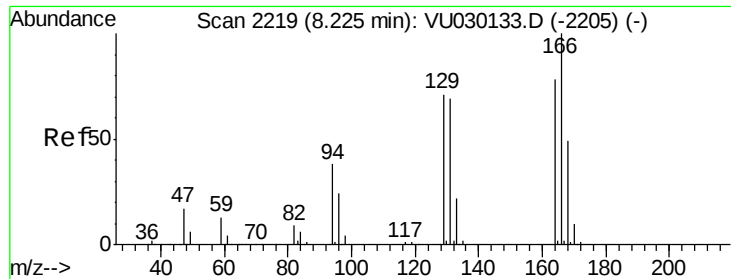
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#34
Trichloroethene
Concen: 3.112 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.5	84.5
132	112.9	71.5	132.7
130	113.2	73.5	136.5





#46

Tetrachloroethene

Concen: 44.948 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030153.D

Acq: 16 Mar 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

BF0X2

Tot Ion:164 Resp: 170345

Ion Ratio Lower Upper

164 100

129 91.7 63.3 117.7

131 85.4 62.0 115.2

166 126.5 90.5 168.1

Manual Integrations

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