

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030149.D
 Acq On : 16 Mar 2019 16:55
 Operator : JC/SP
 Sample : K1939-18
 Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Y1

Manual Integrations
 APPROVED

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 3/18/2019 9:36:06 AM

Quant Time: Mar 18 06:46:50 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	571193	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	309797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131388	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.56%
7) Chloroethane-d5	1.64	69	64966m	21.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.60%#
11) 1,1-Dichloroethene-d2	2.23	63	187616m	27.51	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.02%#
21) 2-Butanone-d5	4.19	46	257362	90.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.92%
24) Chloroform-d	4.64	84	270979	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	5.30	65	166185	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
32) Benzene-d6	5.33	84	573114	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.62%
36) 1,2-Dichloropropane-d6	6.32	67	186165	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.32%
41) Toluene-d8	7.56	98	515744	36.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.64%#
43) trans-1,3-Dichloropropene-	7.85	79	85324	38.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.94%
47) 2-Hexanone-d5	8.32	63	239317	93.42	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333376	47.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	250718	41.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.56%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	142957	32.209 ug/L	94
34) Trichloroethene	6.18	95	23508	5.394 ug/L	95
46) Tetrachloroethene	8.22	164	185069	48.522 ug/L	99

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

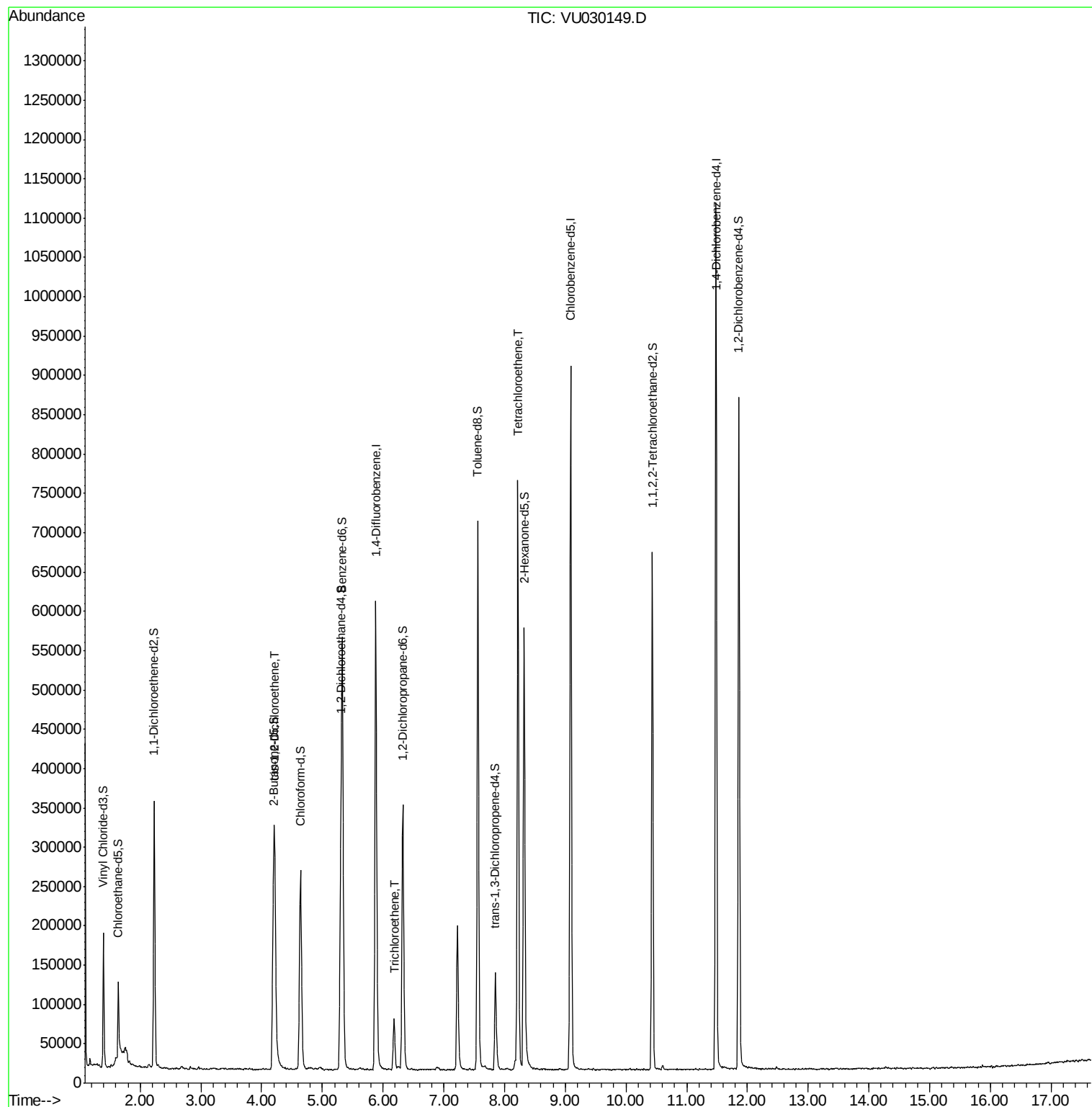
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031719\
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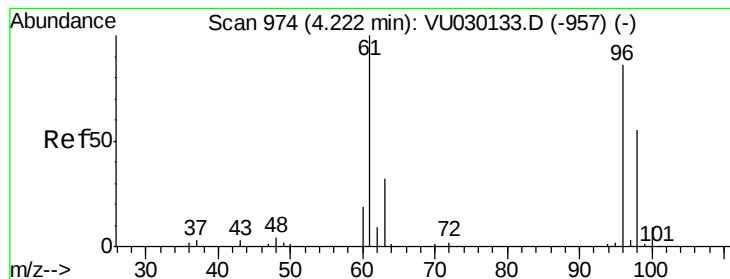
Instrument :
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#20

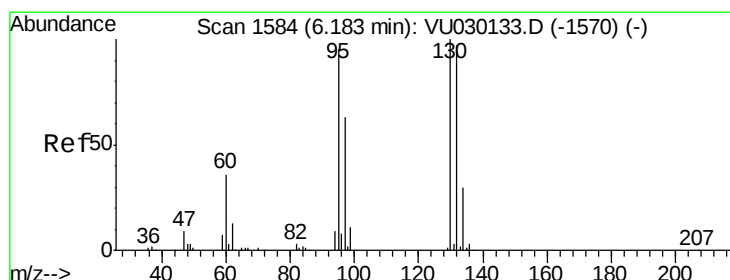
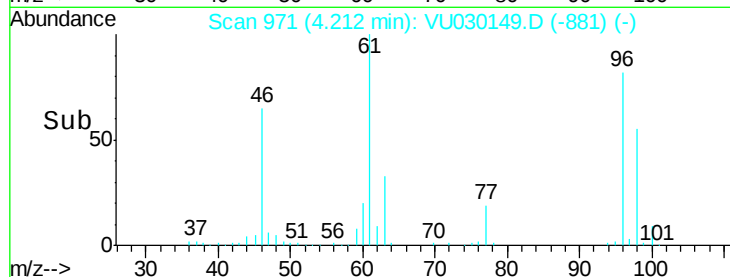
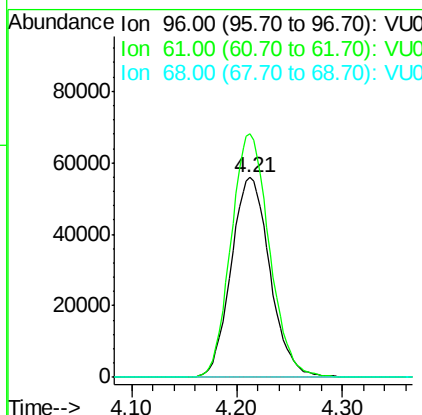
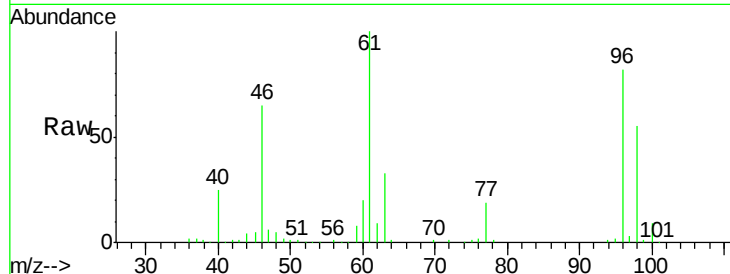
cis-1,2-Dichloroethene
Concen: 32.209 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BF0Y1

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.0	80.8	150.2
68	0.0	0.0	0.0

Manual Integrations
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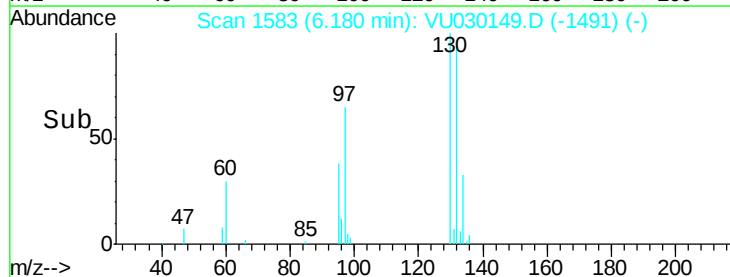
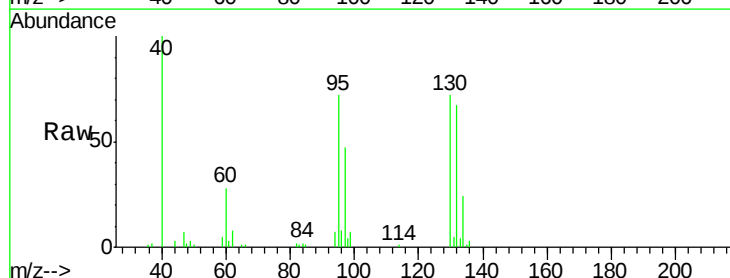
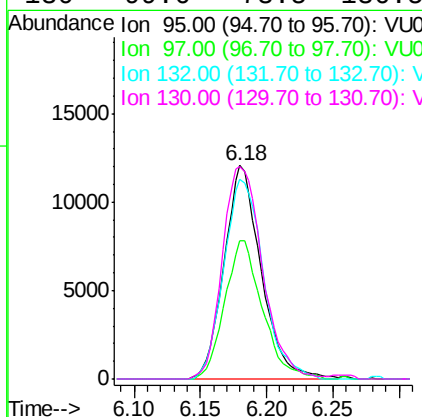
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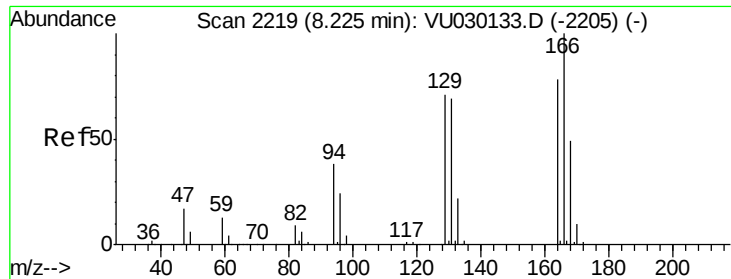


#34

Trichloroethene
Concen: 5.394 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.5	84.5
132	93.2	71.5	132.7
130	99.6	73.5	136.5





#46
Tetrachloroethene
Concen: 48.522 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BF0Y1

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	90.5	63.3	117.7
131	87.1	62.0	115.2
166	127.0	90.5	168.1

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