

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050719\
 Data File : VU031810.D
 Acq On : 07 May 2019 17:24
 Operator : JC/SP
 Sample : K2690-24DL 10X
 Misc : 6.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5168DL

Manual Integrations
 APPROVED

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 5/8/2019 11:12:26 AM

Quant Time: May 08 08:45:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	641170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	610892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174341	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.98%
7) Chloroethane-d5	1.67	69	146568	35.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.68%
11) 1,1-Dichloroethene-d2	2.26	63	280425	26.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.48%#
21) 2-Butanone-d5	4.18	46	555569	114.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.27%
24) Chloroform-d	4.64	84	403861	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.31	65	302011	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.34	84	722251	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.32	67	287398	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.10%
41) Toluene-d8	7.56	98	543327	33.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.50%#
43) trans-1,3-Dichloropropene-	7.85	79	108160	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
47) 2-Hexanone-d5	8.31	63	293739	102.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401509	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	193703	40.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.66%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	12816m	2.292	ug/L
34) Trichloroethene	6.18	95	298551	54.836	ug/L
46) Tetrachloroethene	8.22	164	40452	10.899	ug/L

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

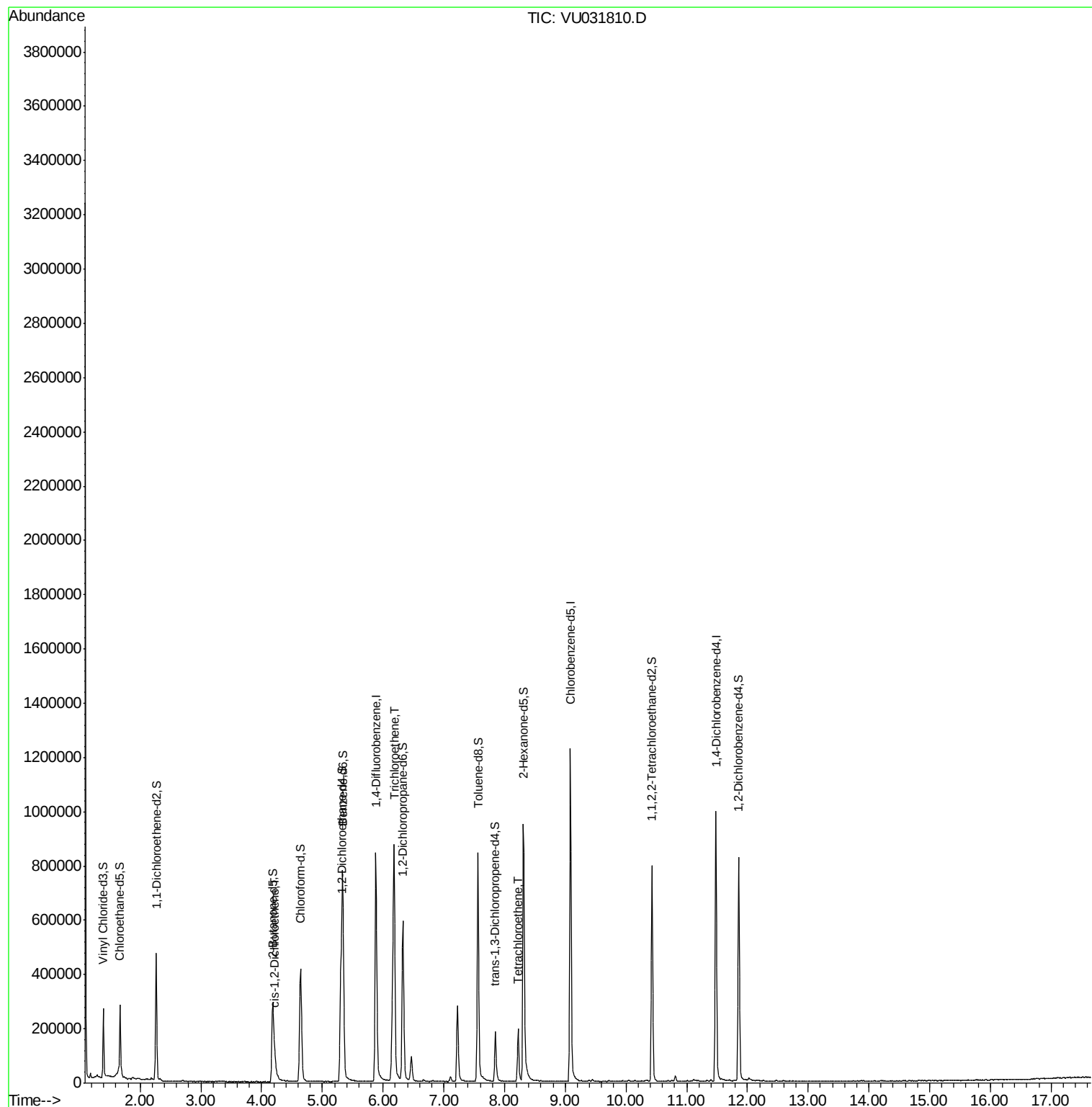
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050719\
Data File : VU031810.D
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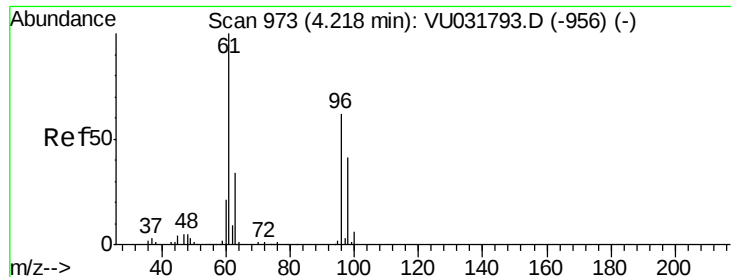
Instrument :
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#20

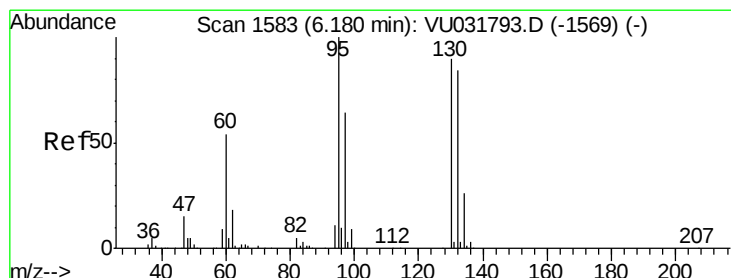
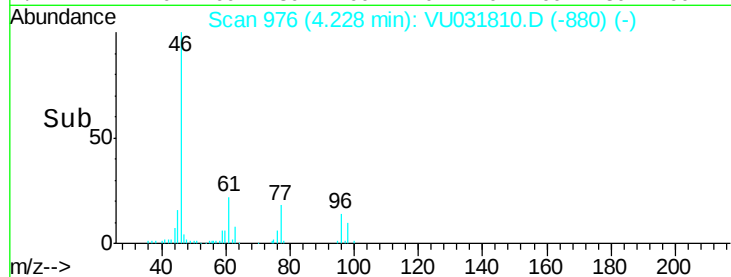
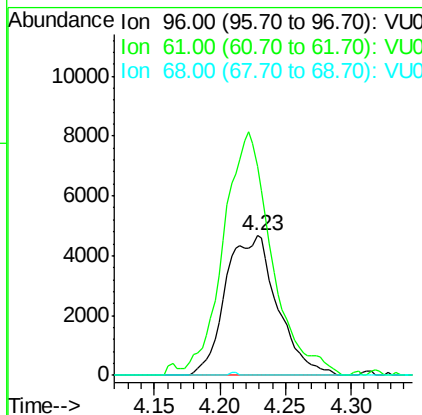
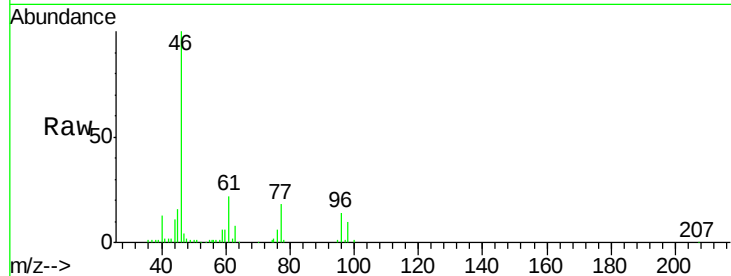
cis-1,2-Dichloroethene
Concen: 2.292 ug/L m
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU031810.D
Acq: 07 May 2019 17:24

Instrument :
MSVOA_U
ClientSampled :
A5168DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		12816		
61	150.2		99.5	184.7	
68	0.0		0.0	0.0	

Manual Integrations
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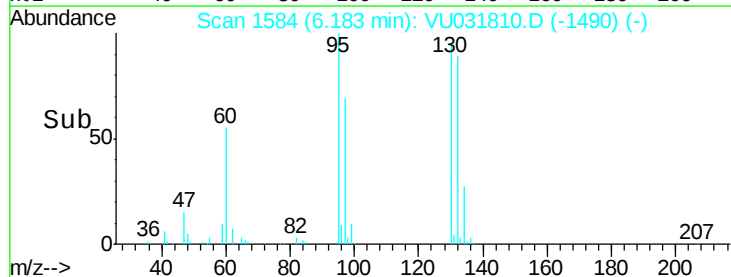
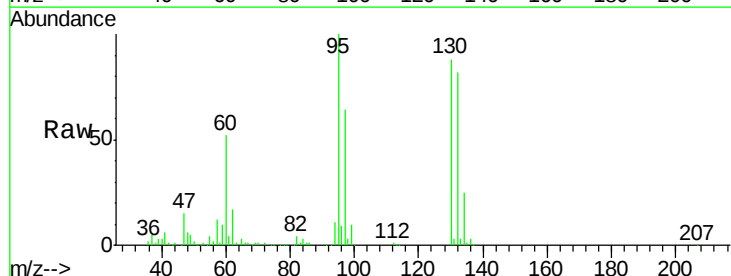
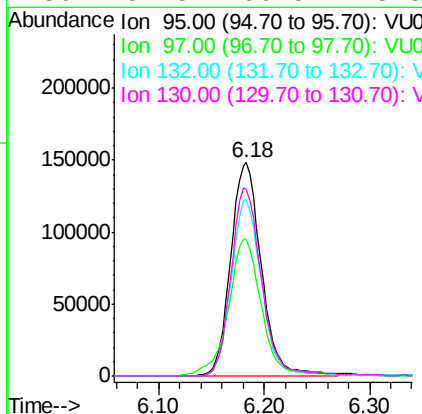
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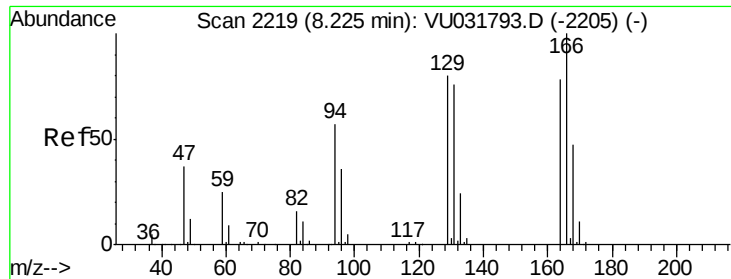


#34

Trichloroethene
Concen: 54.836 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031810.D
Acq: 07 May 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		298551		
97	63.9		44.8	83.2	
132	82.4		63.1	117.1	
130	87.5		66.5	123.5	





#46
Tetrachloroethene
Concen: 10.899 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031810.D
Acq: 07 May 2019 17:24

Instrument :
MSVOA_U
ClientSampleId :
A5168DL

Tot Ion:	164	Resp:	40452
Ion Ratio	Lower	Upper	
164	100		
129	102.0	71.5	132.9
131	91.7	69.0	128.2
166	125.8	93.7	173.9

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