

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031926.D
 Acq On : 11 May 2019 13:16
 Operator : JC/SP
 Sample : K2705-16DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54DL

Manual Integrations
 APPROVED

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 5/13/2019 1:02:20 PM

Quant Time: May 13 04:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1014502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1004574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	377981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	339609	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.67	69	308779	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.12%
11) 1,1-Dichloroethene-d2	2.27	63	490551m	29.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.02%#
21) 2-Butanone-d5	4.17	46	654536	85.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.08%
24) Chloroform-d	4.64	84	674177	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.30	65	446221	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.34	84	1369191	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.32	67	476585	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.82%
41) Toluene-d8	7.56	98	1140809	42.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.92%
43) trans-1,3-Dichloropropene-	7.85	79	185657	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.70%
47) 2-Hexanone-d5	8.31	63	422382	89.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	672286	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	386282	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	114833	12.980 ug/L	96
34) Trichloroethene	6.18	95	541425	60.474 ug/L	96
46) Tetrachloroethene	8.22	164	270580	44.332 ug/L	97

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

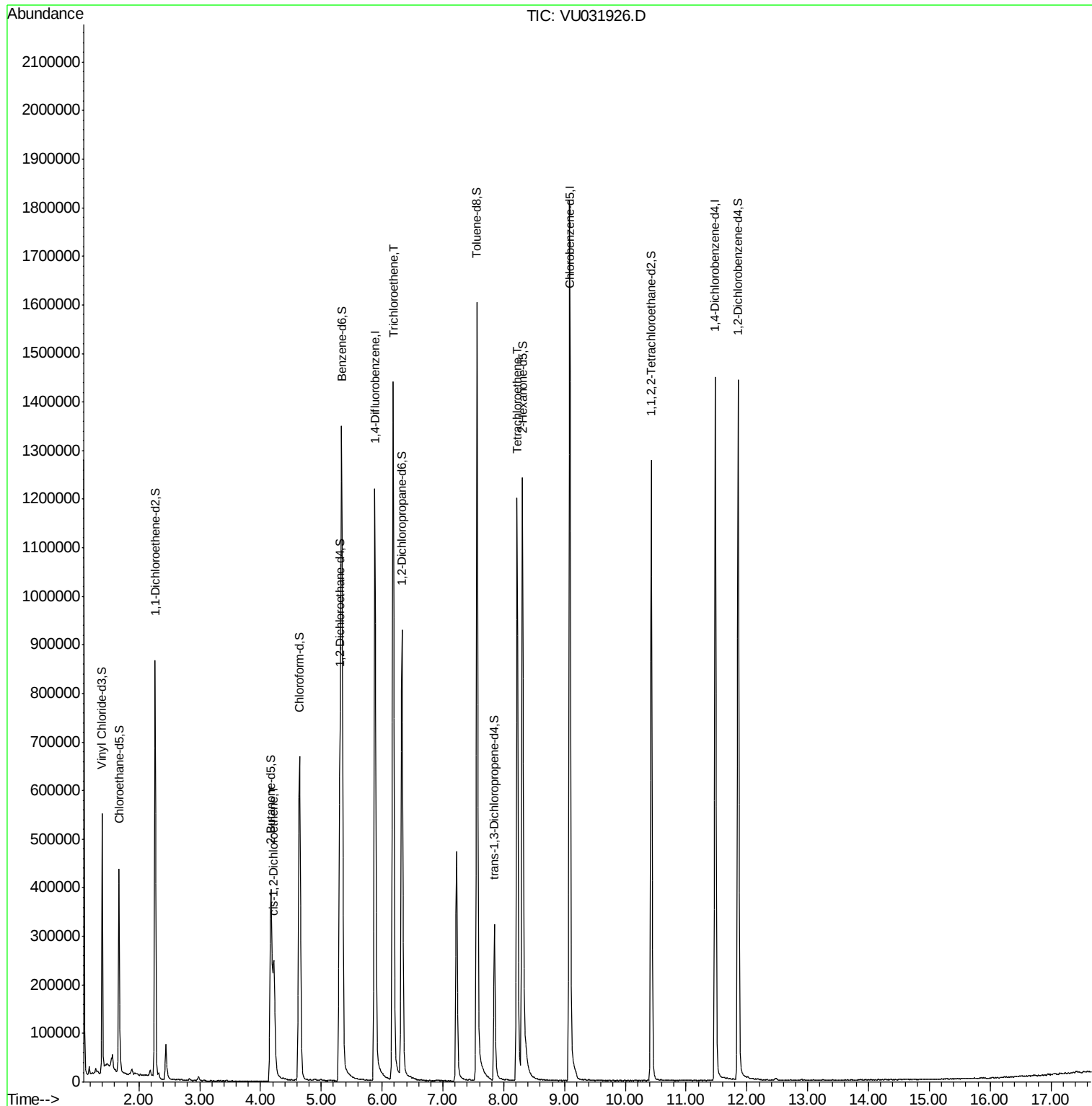
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051119\
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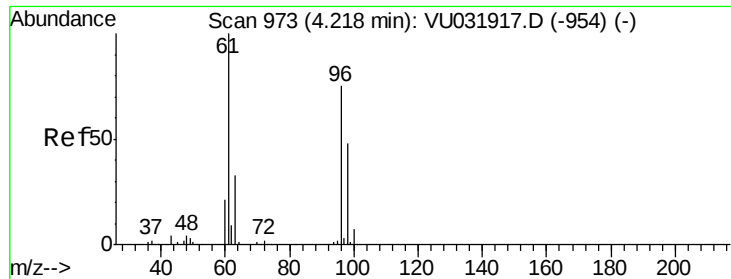
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#20

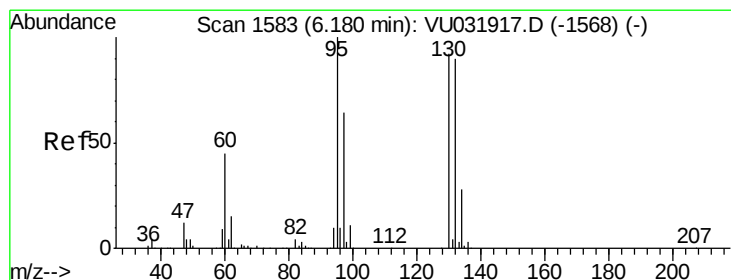
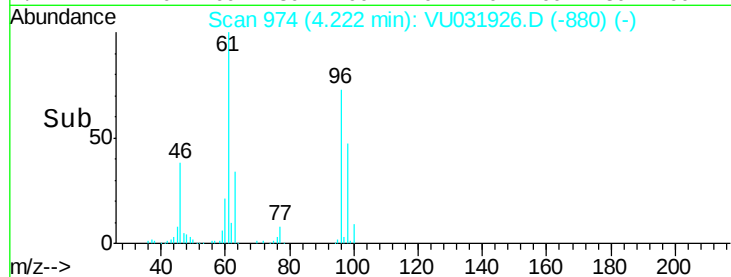
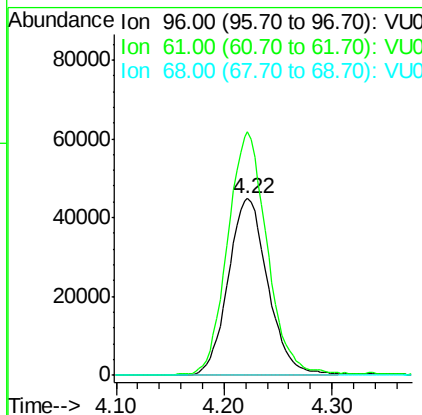
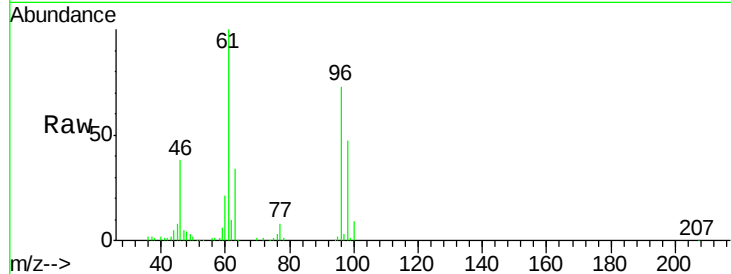
cis-1,2-Dichloroethene
 Concen: 12.980 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031926.D
 Acq: 11 May 2019 13:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
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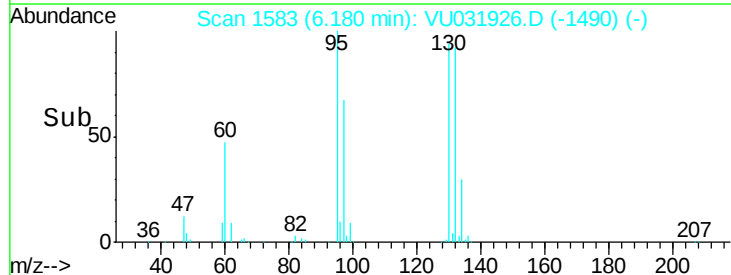
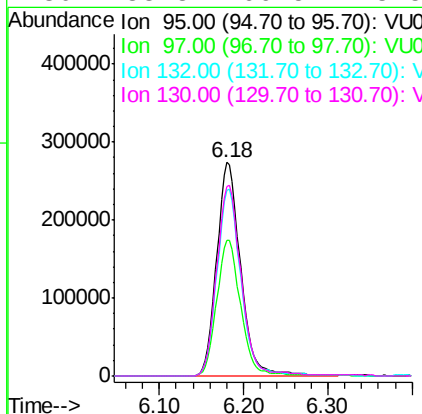
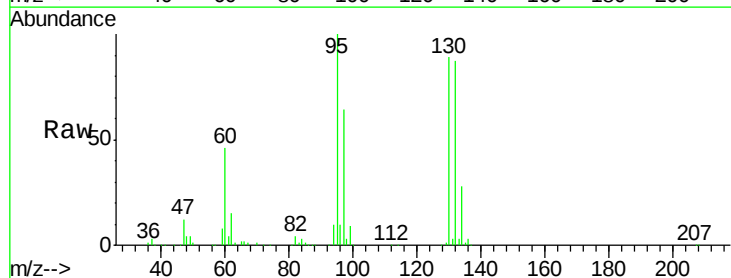
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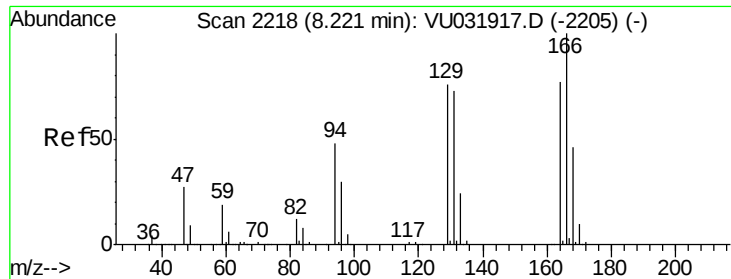


#34

Trichloroethene
 Concen: 60.474 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031926.D
 Acq: 11 May 2019 13:16

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.8	83.2
132	87.2	63.1	117.1
130	88.8	66.5	123.5





#46
 Tetrachloroethene
 Concen: 44.332 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031926.D
 Acq: 11 May 2019 13:16

Instrument :
 MSVOA_U
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 C0B54DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	270580		
129	98.1		71.5	132.9
131	97.6		69.0	128.2
166	130.5		93.7	173.9

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