

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
 Data File : VU032194.D
 Acq On : 21 May 2019 12:59
 Operator : JC/SP
 Sample : K2788-14ME
 Misc : 5.30g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A4ME

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:04:32 AM

Quant Time: May 22 02:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:08:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	862698	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	852258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	225177	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.04%
7) Chloroethane-d5	1.64	69	109191	22.27	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.54%#
11) 1,1-Dichloroethene-d2	2.21	63	335277m	31.29	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	4.21	46	330823	95.28	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	4.64	84	452208	40.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	5.30	65	284260	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
32) Benzene-d6	5.32	84	961279	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
36) 1,2-Dichloropropane-d6	6.32	67	286043	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.44%
41) Toluene-d8	7.56	98	901607	42.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.88%
43) trans-1,3-Dichloropropene-	7.85	79	133337	42.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.48%
47) 2-Hexanone-d5	8.33	63	271445	93.54	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	462228	44.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	364301	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	741336	110.834	ug/L 99
30) 1,1,1-Trichloroethane	4.90	97	8576	0.943	ug/L # 79
34) Trichloroethene	6.17	95	1665186	261.697	ug/L 98
46) Tetrachloroethene	8.22	164	25014	4.761	ug/L 97

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

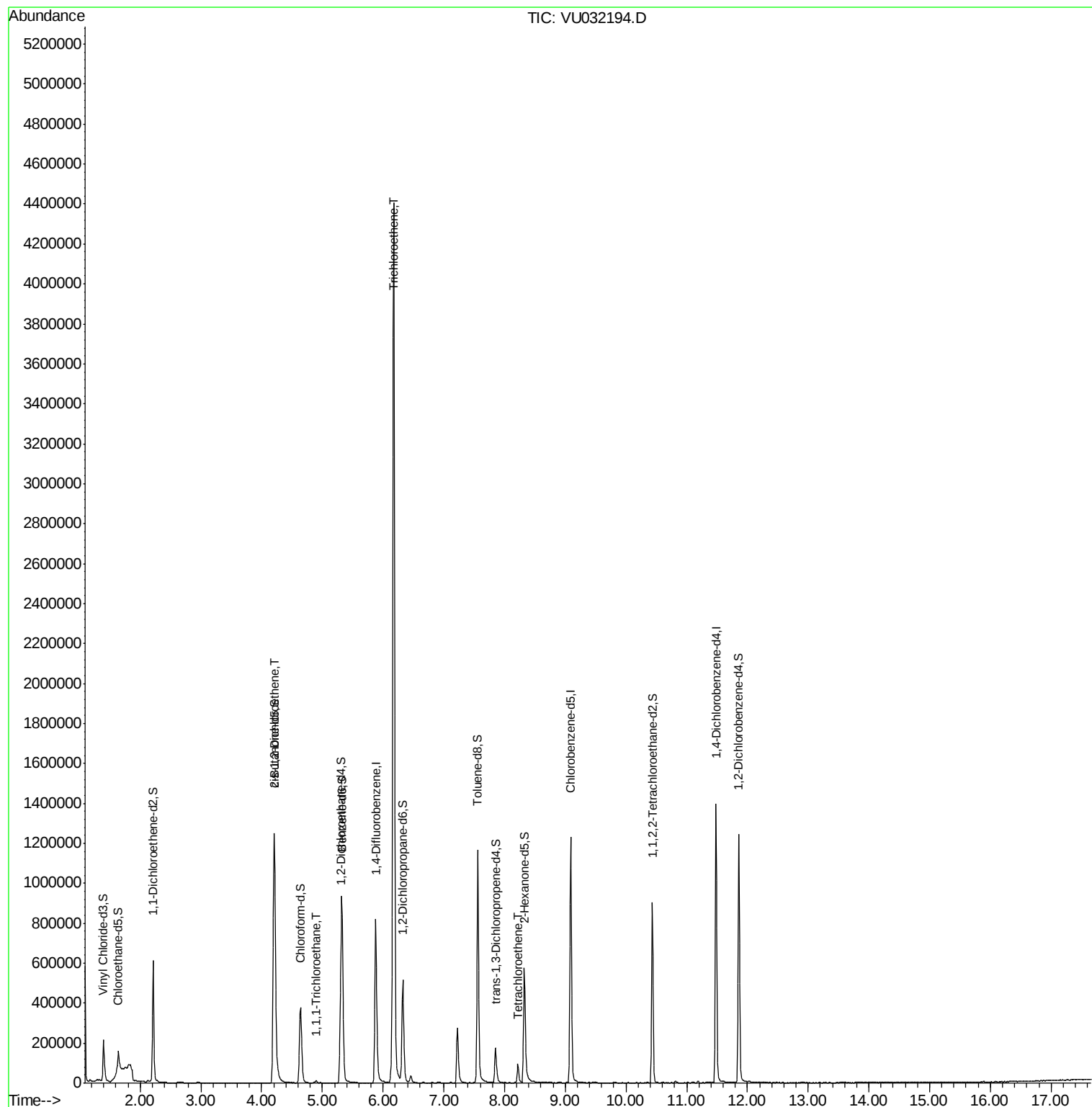
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052119\
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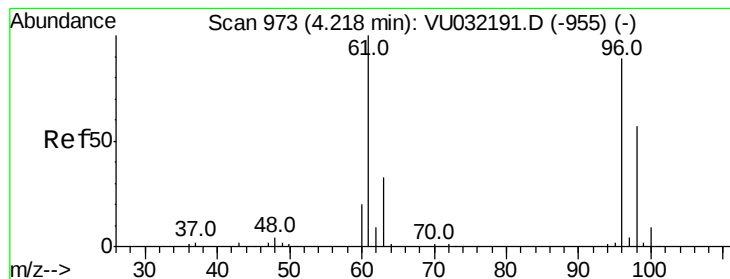
Instrument :
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#20

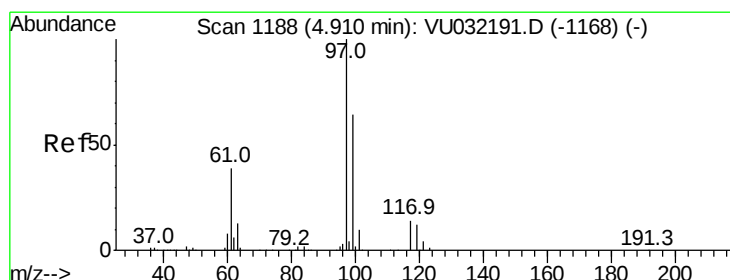
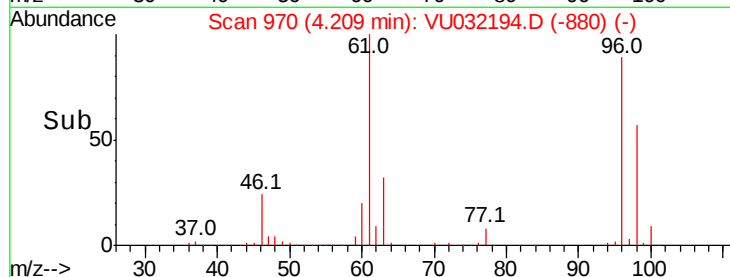
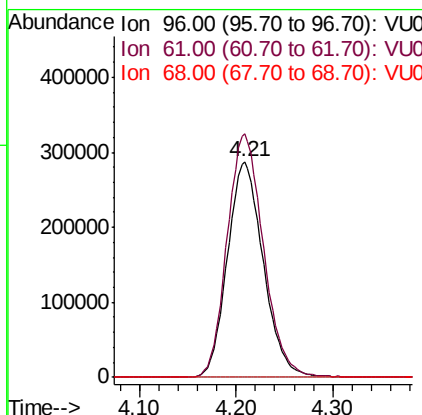
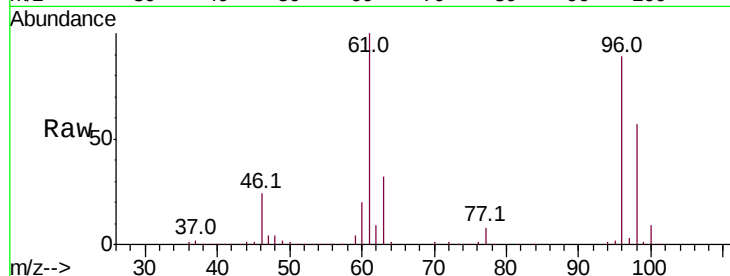
cis-1,2-Dichloroethene
 Concen: 110.834 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU032194.D
 Acq: 21 May 2019 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A4ME

Tot Ion	Ratio	Resp	Lower	Upper
96	100	741336		
61	113.0		79.9	148.3
68	0.0		0.0	0.0

Manual Integrations
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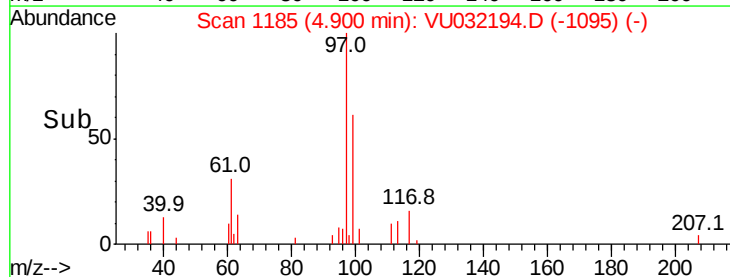
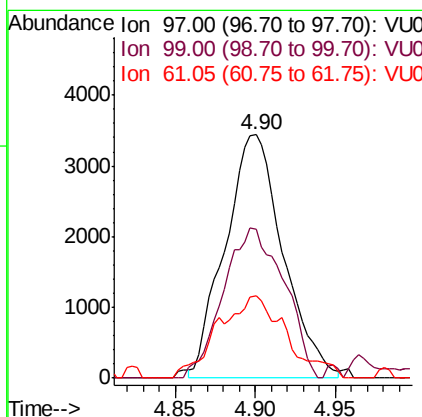
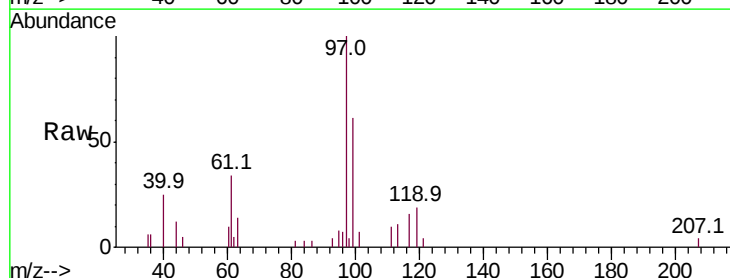
MMDadoda
 5/22/2019 10:04:32 AM

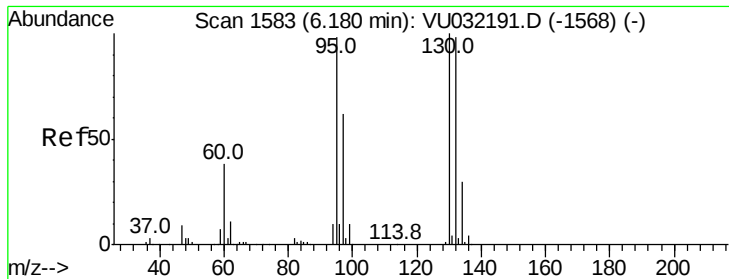


#30

1,1,1-Trichloroethane
 Concen: 0.943 ug/L
 RT: 4.90 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VU032194.D
 Acq: 21 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	8576		
99	64.5		51.4	77.2
61	8.5		33.4	50.0#





#34

Trichloroethene

Concen: 261.697 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VU032194.D

Acq: 21 May 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

A51A4ME

Tot Ion: 95 Resp: 1665186

Ion Ratio Lower Upper

95 100

97 63.2 44.5 82.7

132 98.1 69.4 129.0

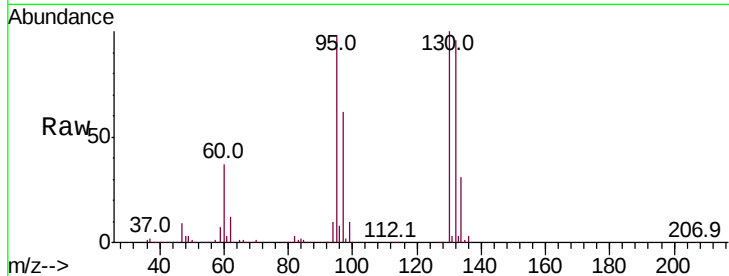
130 102.2 73.8 137.0

Manual Integrations

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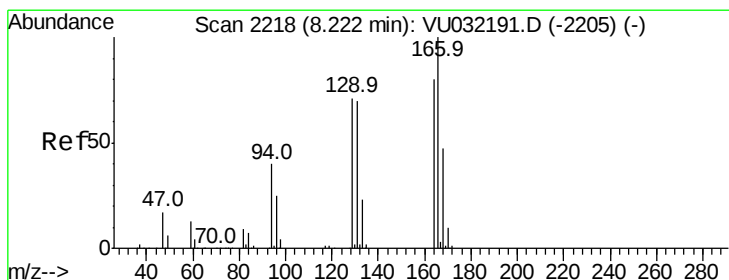
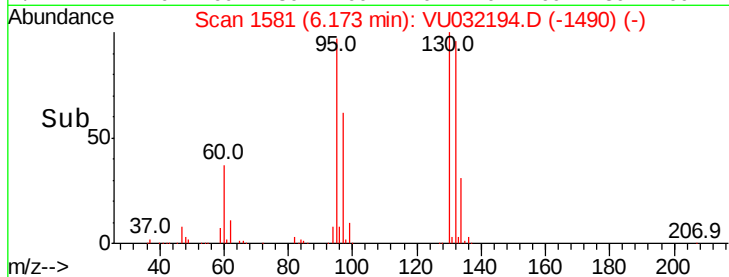
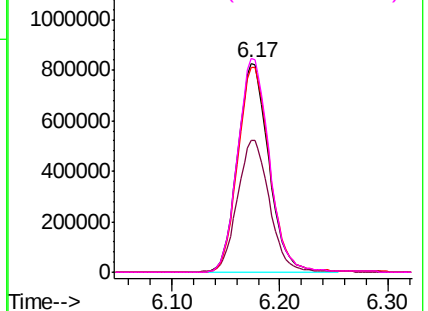


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 4.761 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032194.D

Acq: 21 May 2019 12:59

Tgt Ion:164 Resp: 25014

Ion Ratio Lower Upper

164 100

129 80.7 60.8 113.0

131 87.5 59.7 110.9

166 123.2 87.6 162.6

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

