

Data File : VU032003.D
Acq On : 14 May 2019 18:37
Operator : JC/SP
Sample : K2692-14ME
Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5177MERE

Quant Time: May 15 04:31:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1699165	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1680604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	711438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	302645	20.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	40.60%#
7) Chloroethane-d5	1.64	69	157598	13.05	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	26.10%#
11) 1,1-Dichloroethene-d2	2.23	63	449668	16.82	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.64%#
21) 2-Butanone-d5	4.19	46	489646	46.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.90%
24) Chloroform-d	4.64	84	562449	22.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.08%#
26) 1,2-Dichloroethane-d4	5.30	65	369272	23.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.98%#
32) Benzene-d6	5.33	84	1193028	24.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.04%#
36) 1,2-Dichloropropane-d6	6.32	67	400347	24.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	49.88%#
41) Toluene-d8	7.56	98	1033730	23.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.42%#
43) trans-1,3-Dichloropropene-	7.85	79	166184	23.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
47) 2-Hexanone-d5	8.32	63	341793	52.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	52.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	581601	24.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	48.96%#
64) 1,2-Dichlorobenzene-d4	11.86	152	372682	24.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.80%#

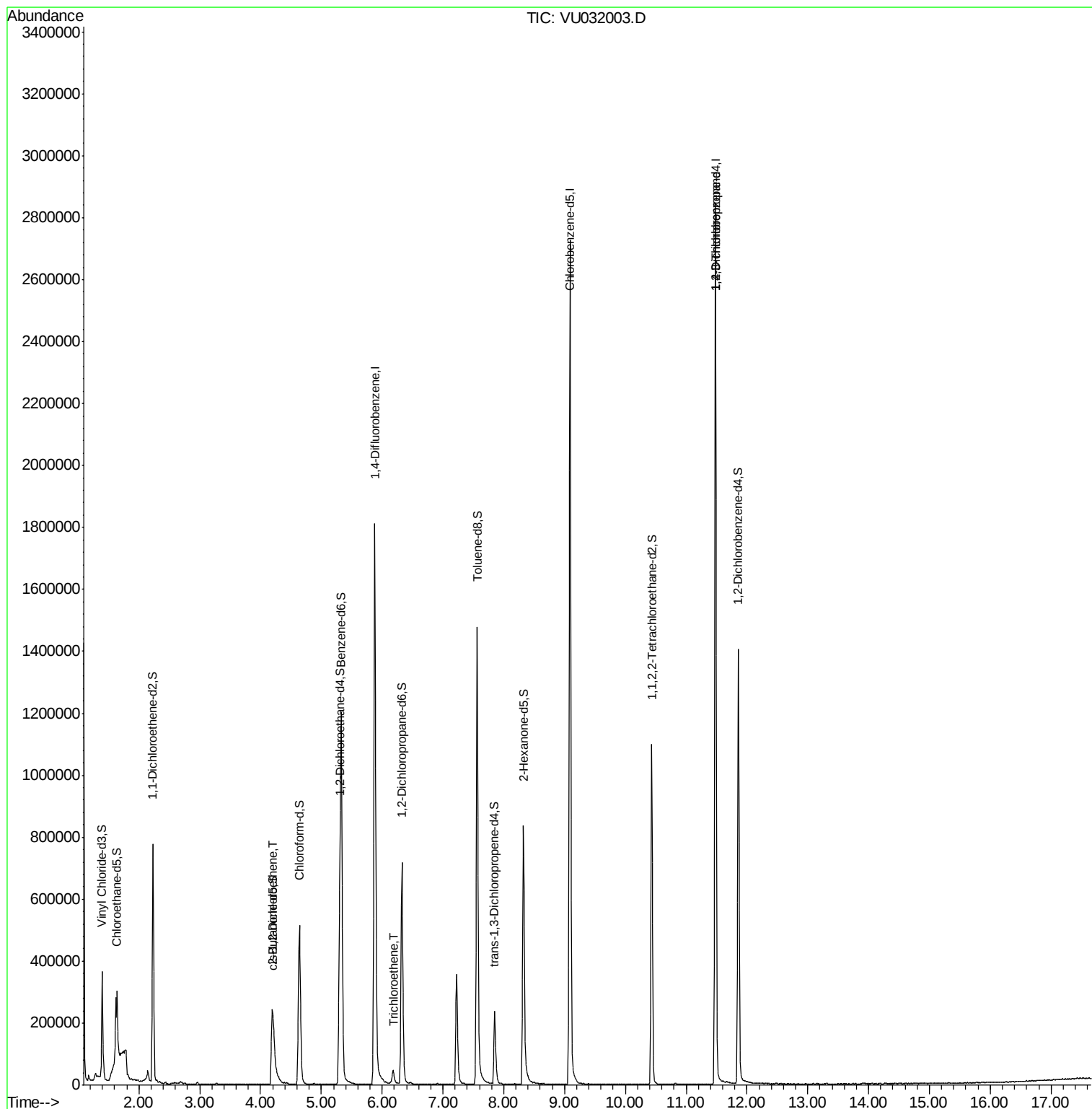
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	32554	2.254 ug/L	94
34) Trichloroethene	6.18	95	15252	1.119 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	95003	4.926 ug/L	96

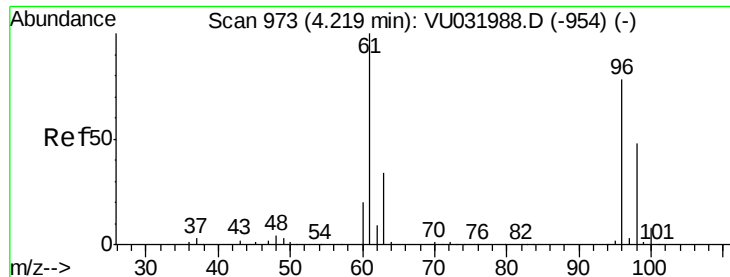
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032003.D
Acq On : 14 May 2019 18:37
Operator : JC/SP
Sample : K2692-14ME
Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5177MERE

Quant Time: May 15 04:31:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



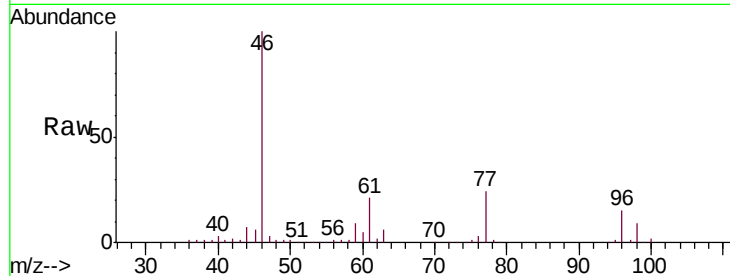


#20

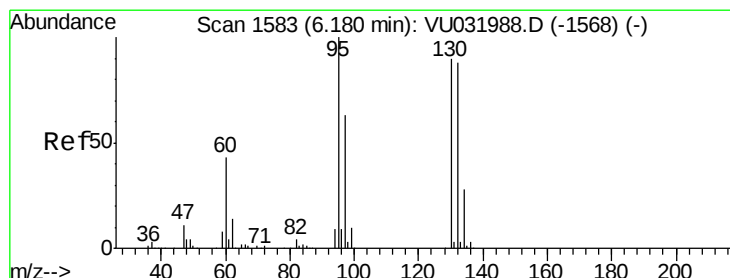
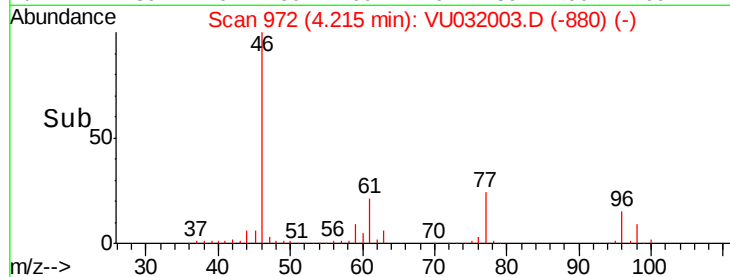
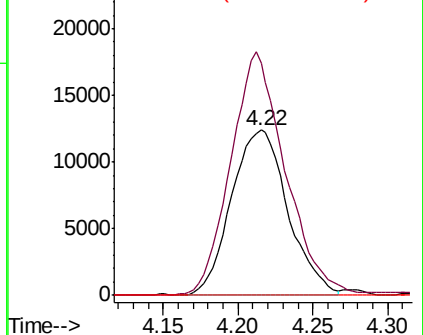
cis-1,2-Dichloroethene
Concen: 2.254 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032003.D
Acq: 14 May 2019 18:37

Instrument :
MSVOA_U
ClientSampleId :
A5177MERE

Tgt Ion: 96 Resp: 32554
Ion Ratio Lower Upper
96 100
61 140.3 93.0 172.8
68 0.0 0.0 0.0



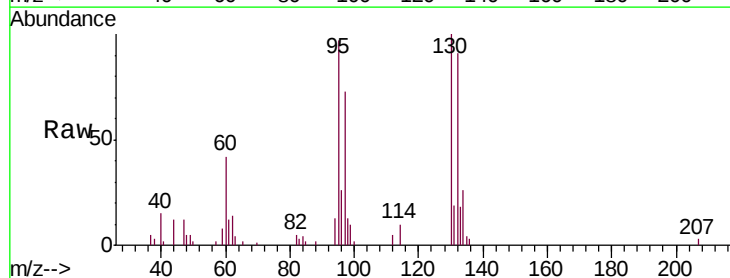
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



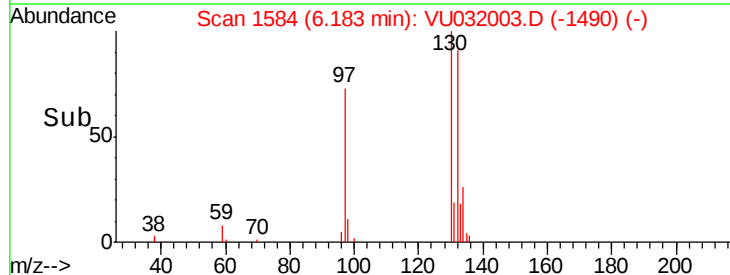
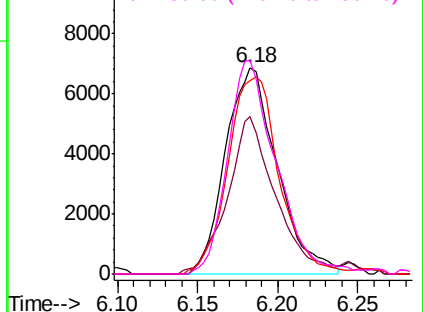
#34

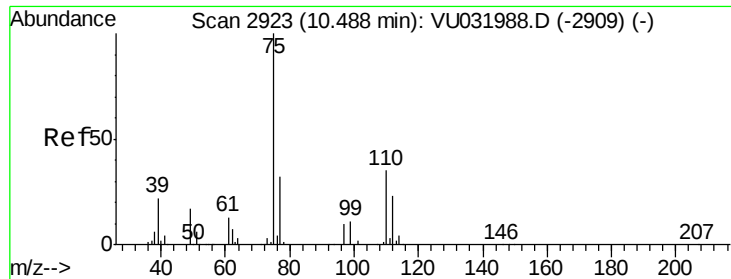
Trichloroethene
Concen: 1.119 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032003.D
Acq: 14 May 2019 18:37

Tgt Ion: 95 Resp: 15252
Ion Ratio Lower Upper
95 100
97 75.9 44.9 83.3
132 93.6 63.5 117.9
130 103.3 66.2 123.0



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





#59

1,2,3-Trichloropropane

Concen: 4.926 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032003.D

Acq: 14 May 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

A5177MERE

Tgt Ion: 75 Resp: 95003

Ion Ratio Lower Upper

75 100

77 34.3 25.7 38.5

