

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032022.D
 Acq On : 15 May 2019 11:26
 Operator : JC/SP
 Sample : K2738-12DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB897DL

Quant Time: May 16 05:18:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1031015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1042570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	401787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	368554	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.67	69	321238	43.85	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.70%
11) 1,1-Dichloroethene-d2	2.27	63	521942	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
21) 2-Butanone-d5	4.17	46	580751	91.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.67%
24) Chloroform-d	4.64	84	677772	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.30	65	444517	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.34	84	1416577	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.32	67	475505	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	1210714	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.85	79	197219	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.31	63	367773	91.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	646925	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	424021	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

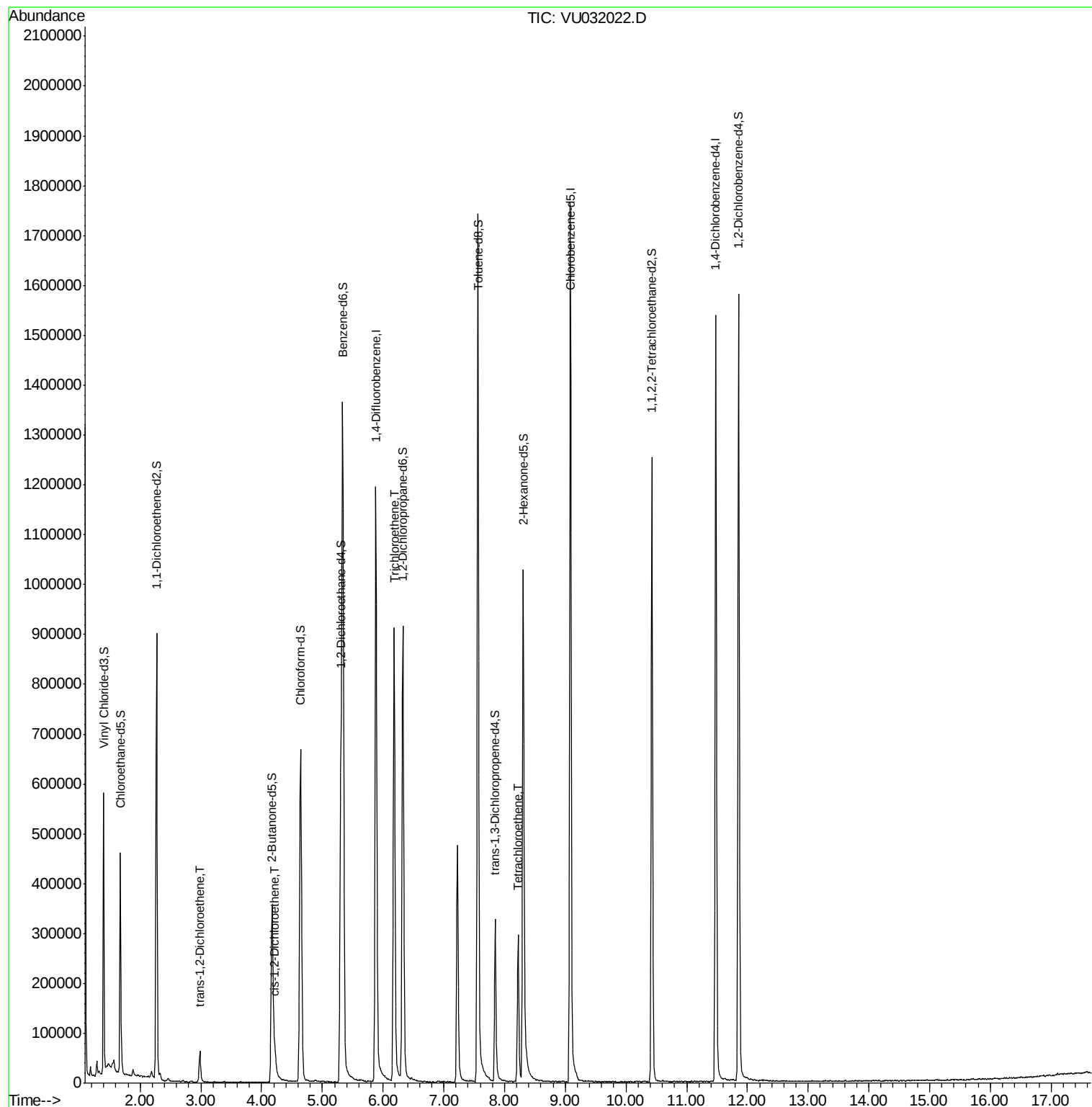
					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	24042	3.035 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	15618	1.783 ug/L	94
34) Trichloroethene	6.18	95	338376	40.010 ug/L	98
46) Tetrachloroethene	8.22	164	69787	11.687 ug/L	99

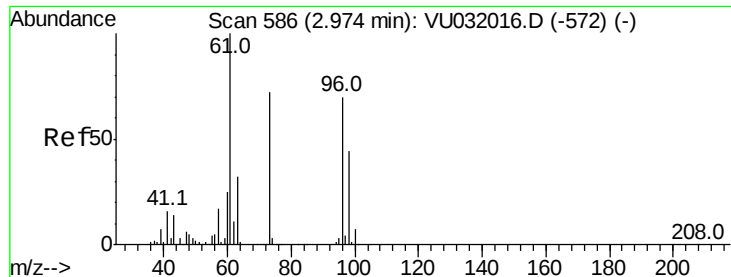
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 3.035 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU032022.D

Acq: 15 May 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

DB897DL

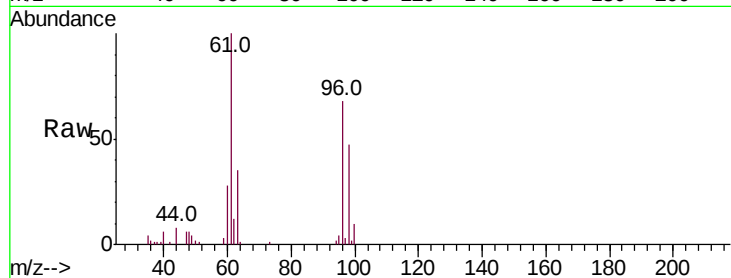
Tot Ion: 96 Resp: 24042

Ion Ratio Lower Upper

96 100

61 146.0 103.2 191.6

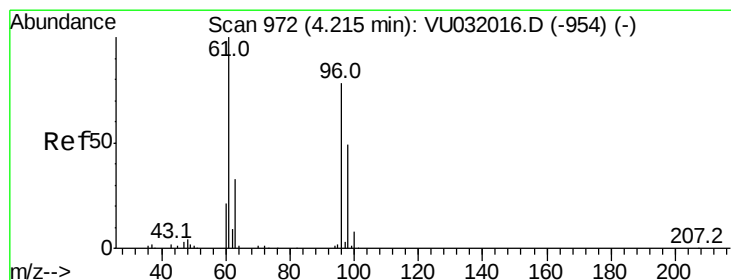
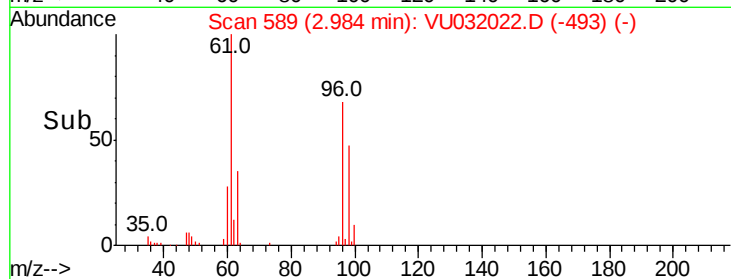
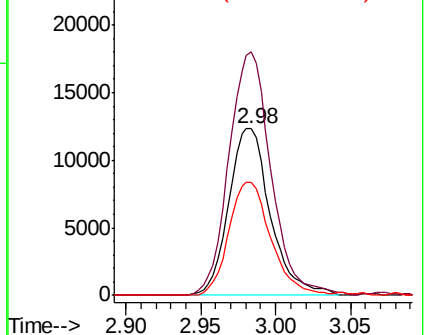
98 68.0 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.783 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032022.D

Acq: 15 May 2019 11:26

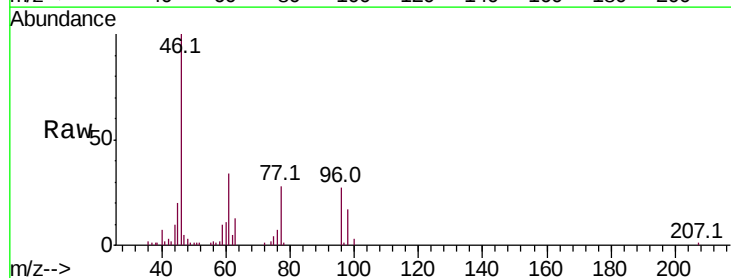
Tgt Ion: 96 Resp: 15618

Ion Ratio Lower Upper

96 100

61 125.8 93.0 172.8

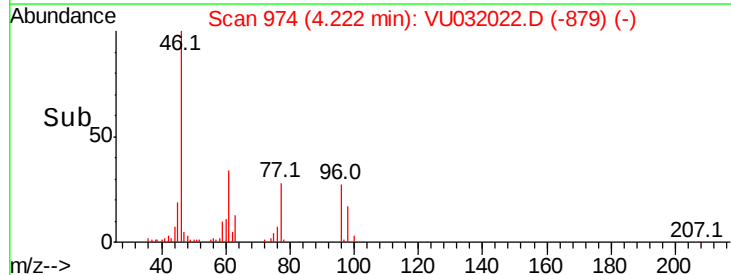
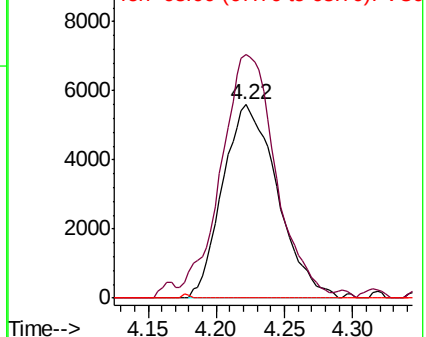
68 0.0 0.0 0.0

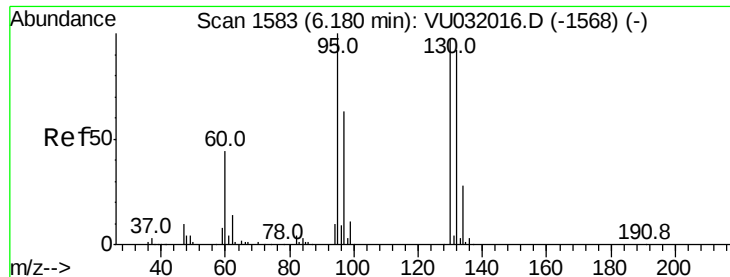


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 40.010 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032022.D

Acq: 15 May 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

DB897DL

Tot Ion: 95 Resp: 338376

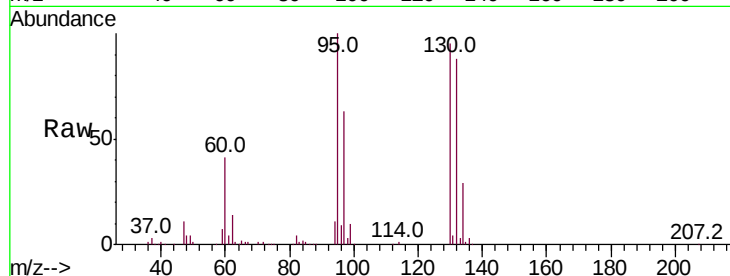
Ion Ratio Lower Upper

95 100

97 62.9 44.9 83.3

132 88.0 63.5 117.9

130 94.8 66.2 123.0

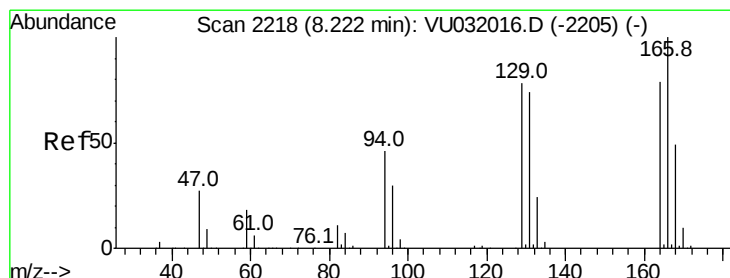
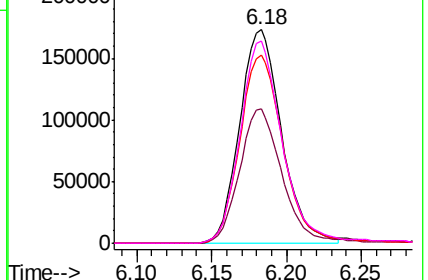
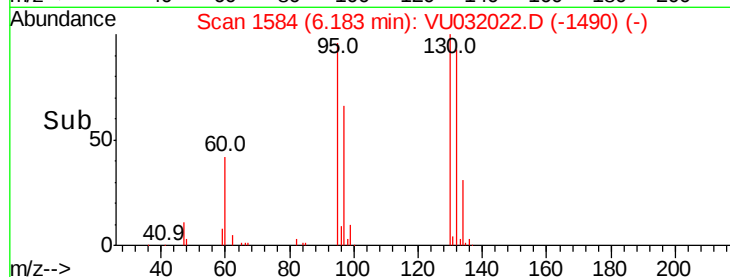


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 11.687 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032022.D

Acq: 15 May 2019 11:26

Tgt Ion: 164 Resp: 69787

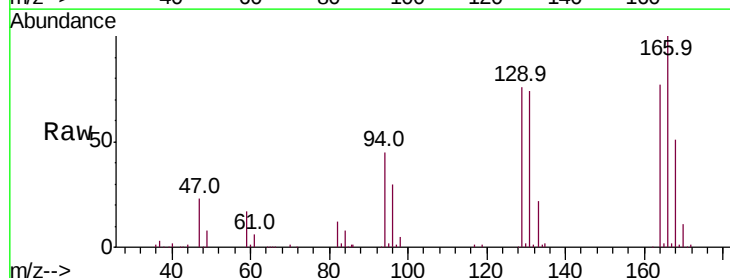
Ion Ratio Lower Upper

164 100

129 98.8 70.9 131.7

131 95.9 67.4 125.2

166 129.4 90.2 167.4



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

