

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032993.D
 Acq On : 24 Jun 2019 09:46
 Operator : JC/SP
 Sample : K3478-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF12

Quant Time: Jun 25 09:49:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198128	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42385	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.60%
7) Chloroethane-d5	1.68	69	40721	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.42%
11) 1,1-Dichloroethene-d2	2.27	63	72379	26.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.06%#
21) 2-Butanone-d5	4.17	46	120834	107.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.22%
24) Chloroform-d	4.64	84	118836	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.30	65	84317	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.33	84	214820	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
36) 1,2-Dichloropropane-d6	6.32	67	74953	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.56	98	192044	40.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.84	79	36740	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.31	63	73110	97.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.55%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119649	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	85320	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%

Target Compounds

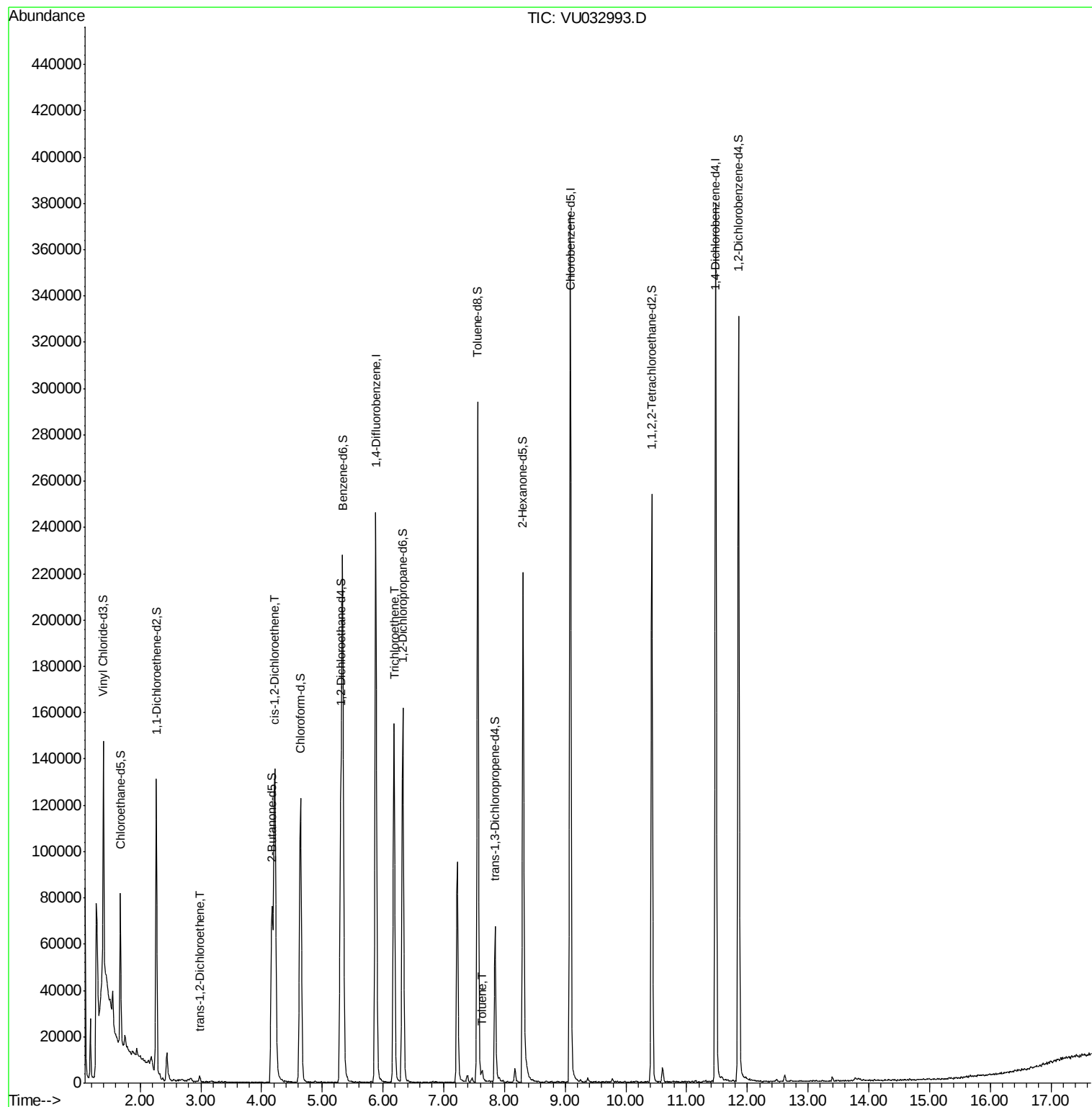
					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	896	0.662 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	69857	47.395 ug/L	97
34) Trichloroethene	6.18	95	51348	34.515 ug/L	99
42) Toluene	7.64	91	3190	0.530 ug/L	88

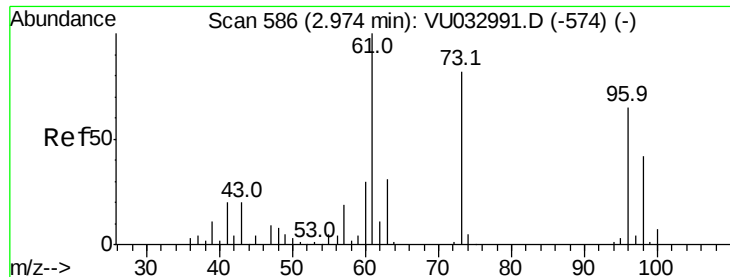
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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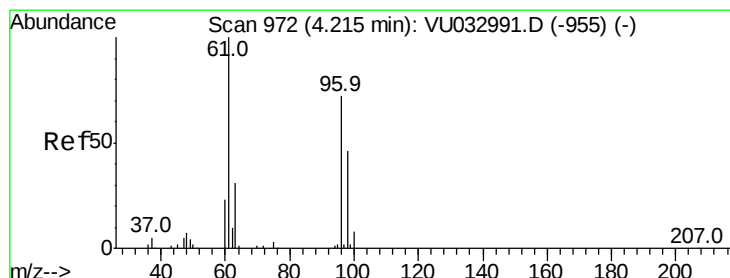
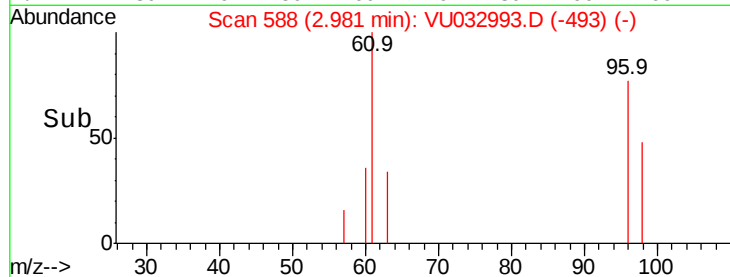
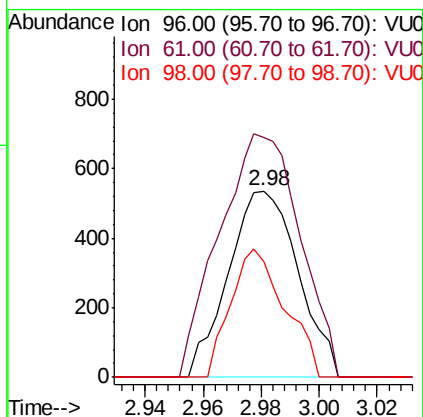
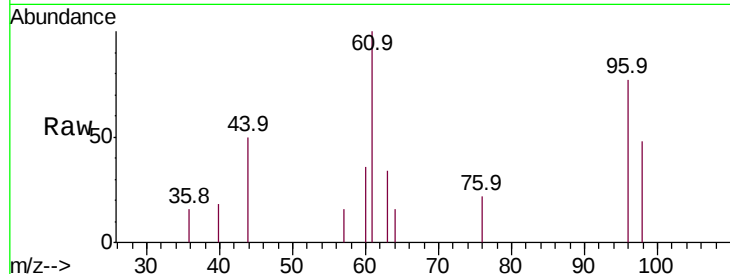




#17
trans-1,2-Dichloroethene
Concen: 0.662 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU032993.D
Acq: 24 Jun 2019 09:46

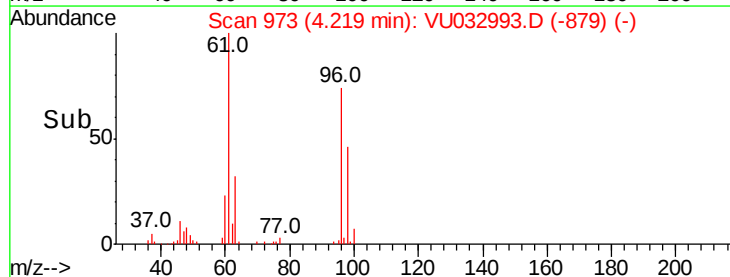
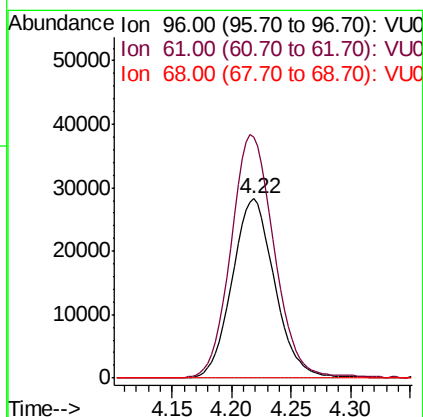
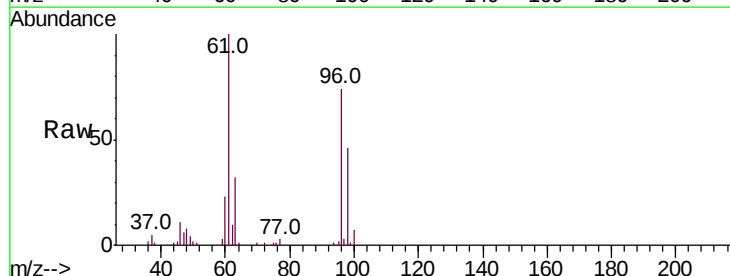
Instrument :
MSVOA_U
ClientSampleId :
ETF12

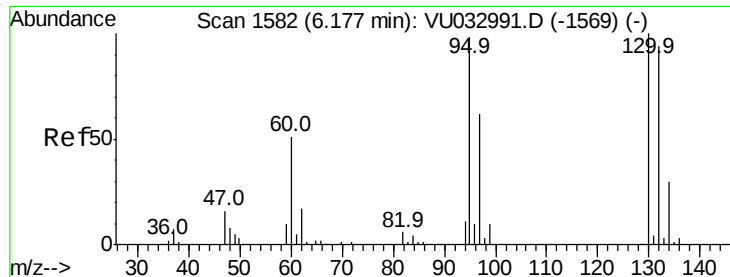
Tot Ion: 96 Resp: 896
Ion Ratio Lower Upper
96 100
61 129.2 100.9 187.5
98 62.1 44.0 81.8



#20
cis-1,2-Dichloroethene
Concen: 47.395 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032993.D
Acq: 24 Jun 2019 09:46

Tgt Ion: 96 Resp: 69857
Ion Ratio Lower Upper
96 100
61 135.0 92.4 171.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 34.515 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032993.D

Acq: 24 Jun 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

ETF12

Tot Ion: 95 Resp: 51348

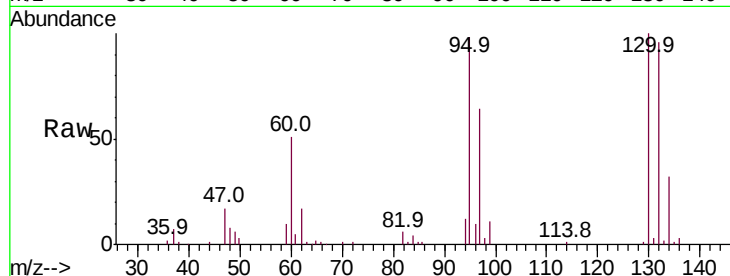
Ion Ratio Lower Upper

95 100

97 65.4 45.9 85.3

132 98.0 68.5 127.3

130 102.4 70.8 131.4

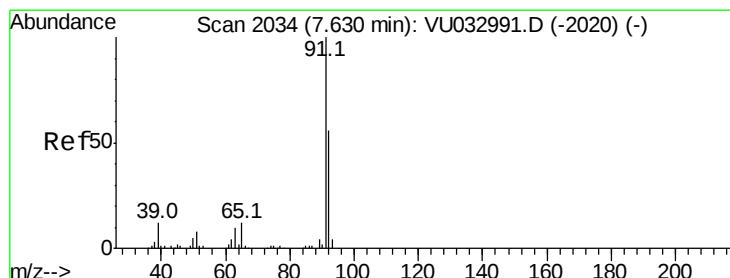
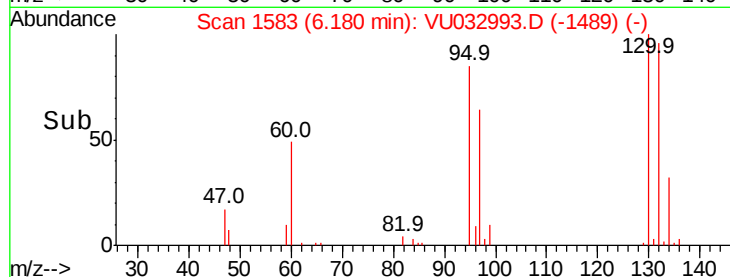
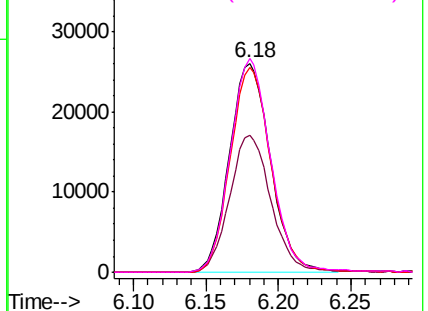


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#42

Toluene

Concen: 0.530 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032993.D

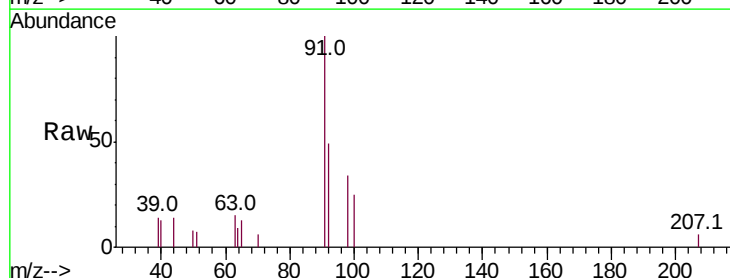
Acq: 24 Jun 2019 09:46

Tgt Ion: 91 Resp: 3190

Ion Ratio Lower Upper

91 100

92 48.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

