

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045215.D
 Acq On : 07 Oct 2021 16:29
 Operator : SY/MD
 Sample : M4025-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP0

Quant Time: Oct 07 21:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

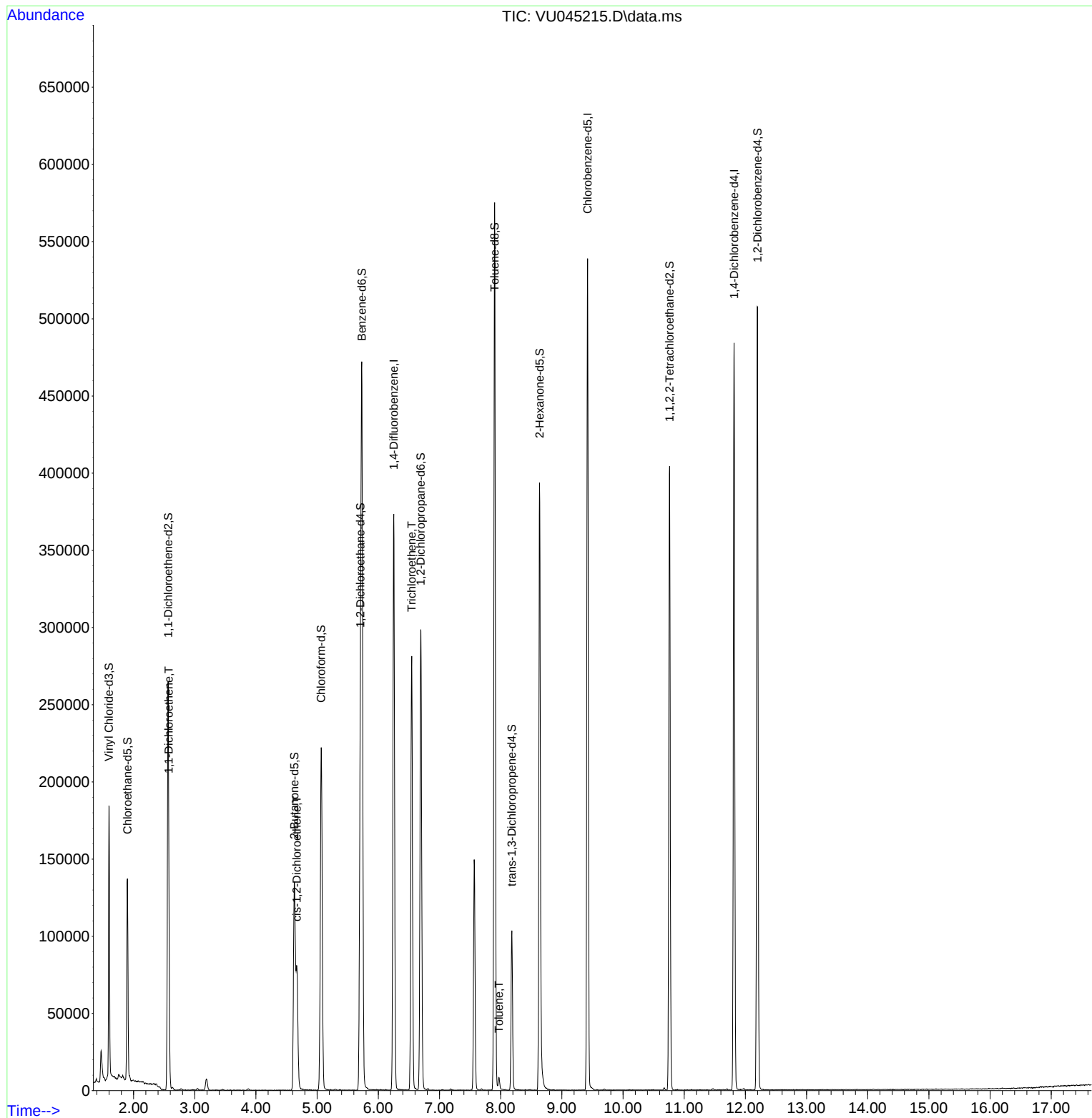
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	289219	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276037	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	117118	36.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.980%
7) Chloroethane-d5	1.900	69	99896	39.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.640%
11) 1,1-Dichloroethene-d2	2.565	63	157852	29.688	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.380%#
21) 2-Butanone-d5	4.626	46	187583	74.942	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.940%
24) Chloroform-d	5.067	84	200038	40.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.707	65	142532	42.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.160%
32) Benzene-d6	5.732	84	418587	43.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.694	67	133338	42.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.380%
41) Toluene-d8	7.903	98	364572	44.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.220%
43) trans-1,3-Dichloroprop...	8.182	79	54608	39.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.620%
47) 2-Hexanone-d5	8.636	63	136187	78.685	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.690%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197674	40.645	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.300%
66) 1,2-Dichlorobenzene-d4	12.198	152	124037	47.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	7407	3.307	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	35030	13.474	ug/L	93
34) Trichloroethene	6.546	95	94856	38.574	ug/L	99
42) Toluene	7.973	91	5622	0.540	ug/L	99

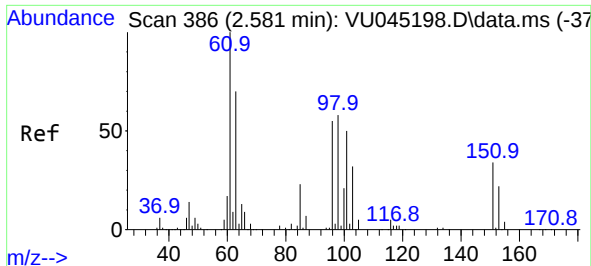
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.307 ug/L

RT: 2.575 min Scan# 384

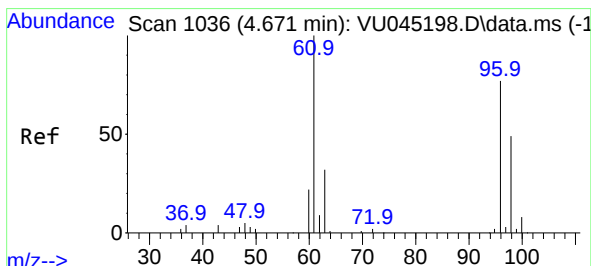
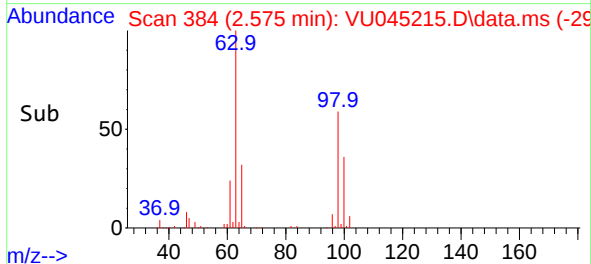
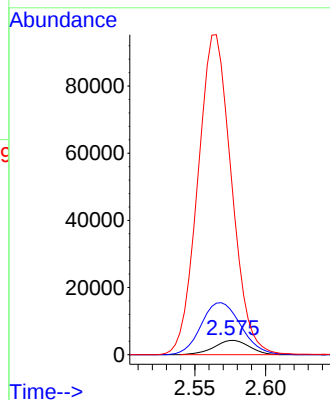
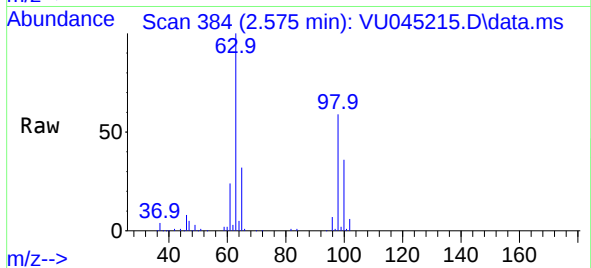
Delta R.T. -0.006 min

Lab File: VU045215.D

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Tgt Ion: 96 Resp: 7407
Ion Ratio Lower Upper
96 100
61 319.7 131.3 243.9#
63 1343.8 102.5 190.3#



#20

cis-1,2-Dichloroethene

Concen: 13.474 ug/L

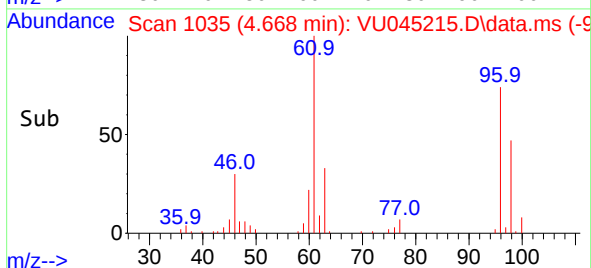
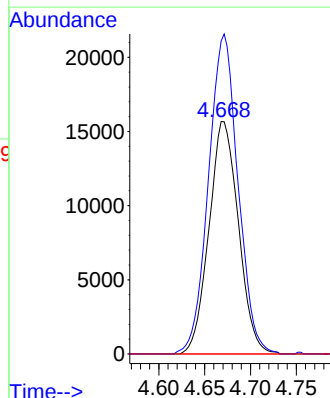
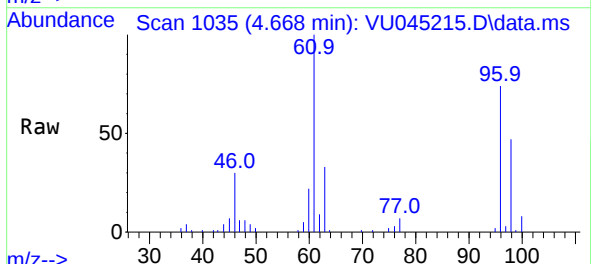
RT: 4.668 min Scan# 1035

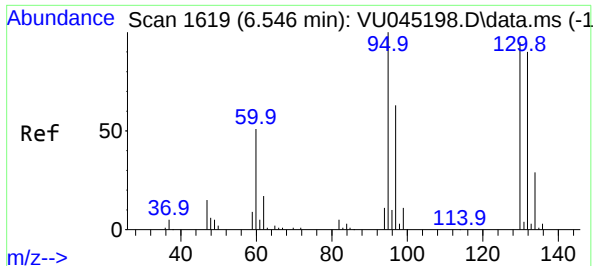
Delta R.T. -0.003 min

Lab File: VU045215.D

Acq: 07 Oct 2021 16:29

Tgt Ion: 96 Resp: 35030
Ion Ratio Lower Upper
96 100
61 134.7 100.2 186.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 38.574 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045215.D

Acq: 07 Oct 2021 16:29

Tgt Ion: 95 Resp: 94856

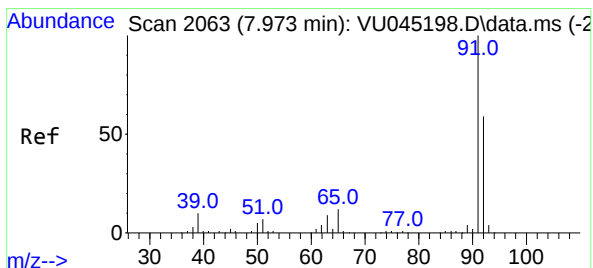
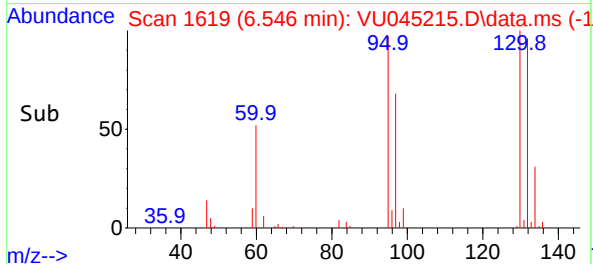
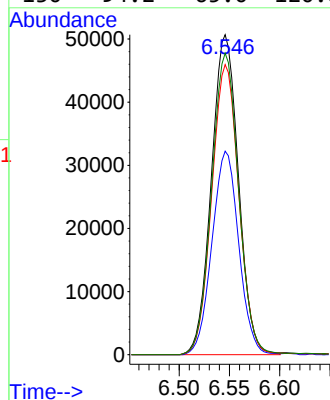
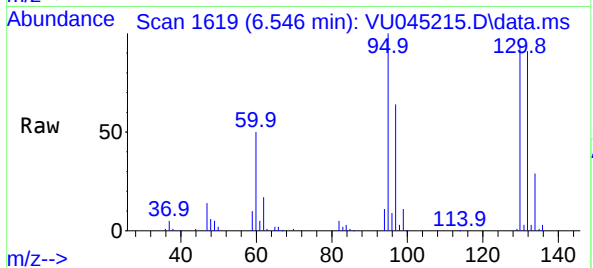
Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.4

132 90.6 62.9 116.9

130 94.2 65.0 120.8



#42

Toluene

Concen: 0.540 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045215.D

Acq: 07 Oct 2021 16:29

Tgt Ion: 91 Resp: 5622

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.1

