

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044793.D
 Acq On : 23 Sep 2021 18:33
 Operator : SY/MD
 Sample : M3873-26
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7Y0

Quant Time: Sep 24 05:39:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

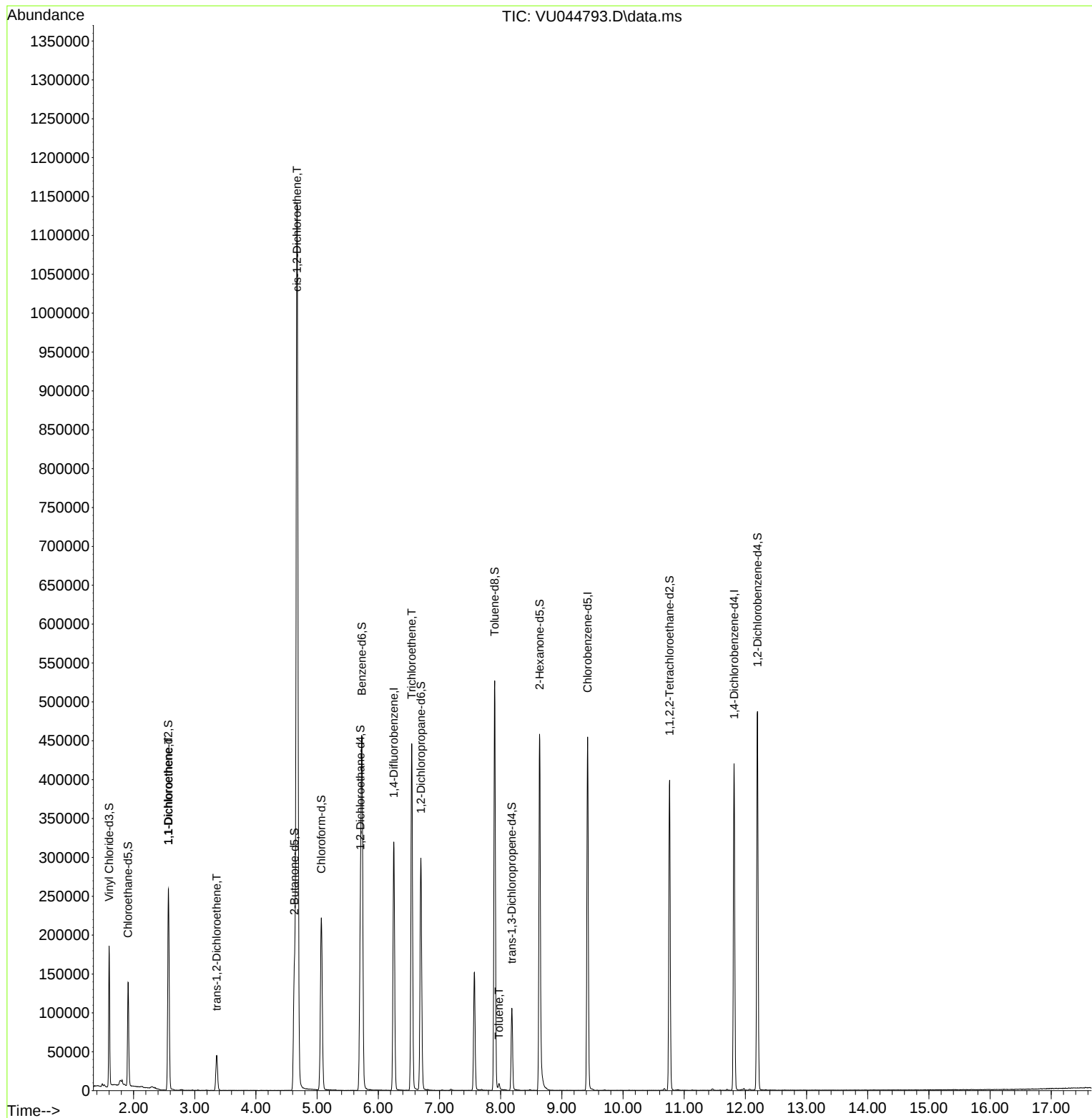
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	241796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	234707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	102386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123130	46.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.040%
7) Chloroethane-d5	1.909	69	99567	47.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.940%
11) 1,1-Dichloroethene-d2	2.568	63	155014	34.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.740%
21) 2-Butanone-d5	4.629	46	228963	109.415	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.410%
24) Chloroform-d	5.070	84	198614	47.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.020%
26) 1,2-Dichloroethane-d4	5.707	65	140858	49.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
32) Benzene-d6	5.732	84	400714	49.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.697	67	133290	50.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.380%
41) Toluene-d8	7.903	98	332720	47.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	8.182	79	55230	46.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.500%
47) 2-Hexanone-d5	8.636	63	156222	106.155	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	196166	47.438	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	12.198	152	118901	53.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	1637	0.874	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	18005	9.128	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	564042	259.508	ug/L	98
34) Trichloroethene	6.546	95	150042	71.760	ug/L	98
42) Toluene	7.973	91	5336	0.603	ug/L	94

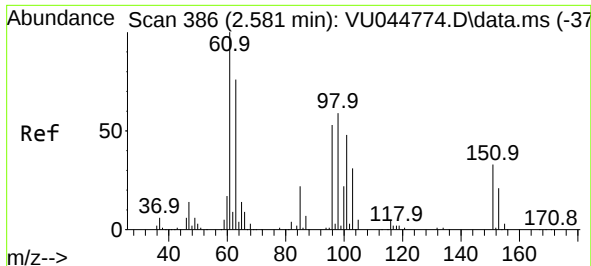
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.874 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU044793.D

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Instrument :

MSVOA_U

ClientSampleId :

EW7Y0

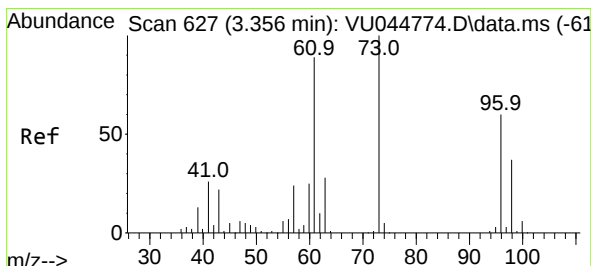
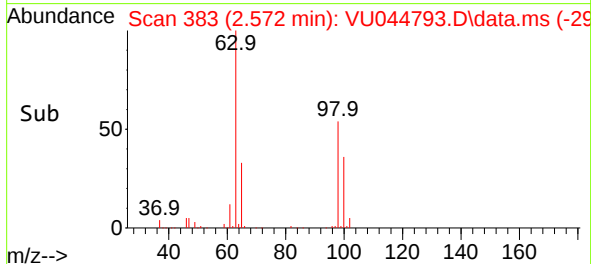
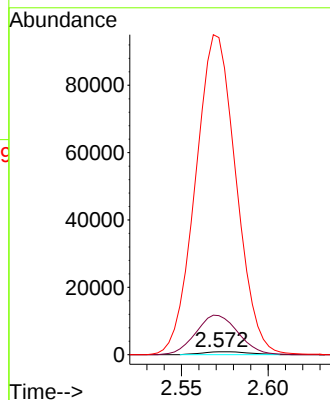
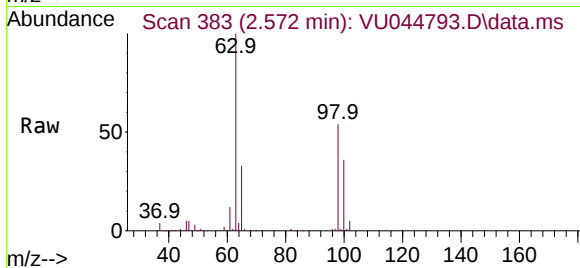
Tgt Ion: 96 Resp: 1637

Ion Ratio Lower Upper

96 100

61 1340.6 131.3 243.9#

63 10902.8 102.5 190.3#



#17

trans-1,2-Dichloroethene

Concen: 9.128 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU044793.D

Acq: 23 Sep 2021 18:33

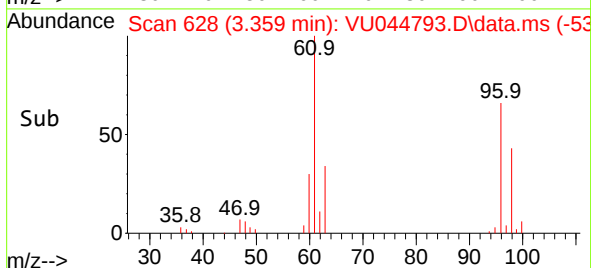
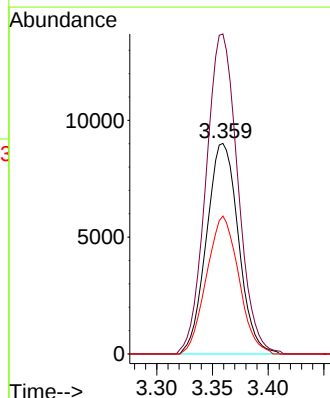
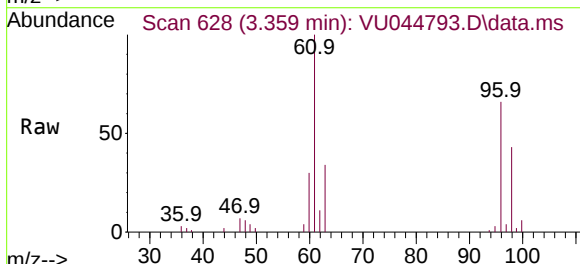
Tgt Ion: 96 Resp: 18005

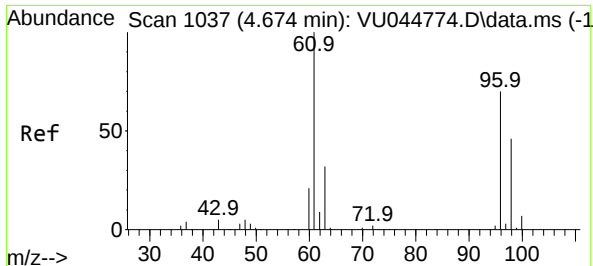
Ion Ratio Lower Upper

96 100

61 151.9 105.1 195.3

98 65.5 43.0 79.8

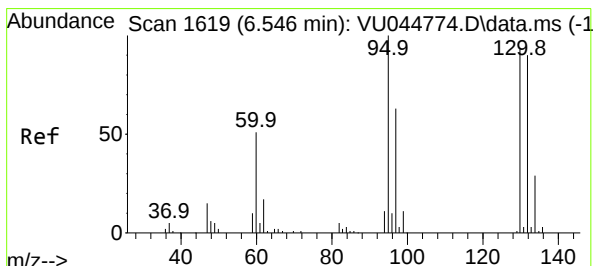
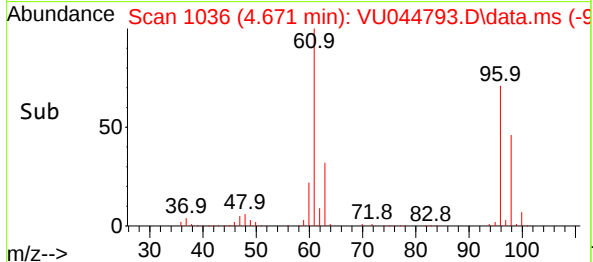
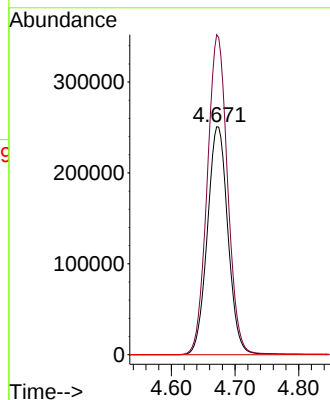
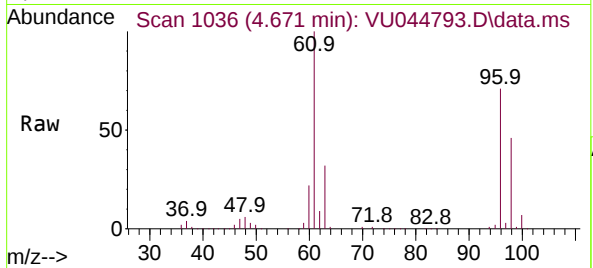




#20
cis-1,2-Dichloroethene
Concen: 259.508 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044793.D
Acq: 23 Sep 2021 18:33

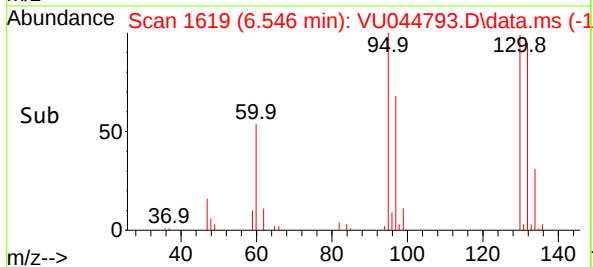
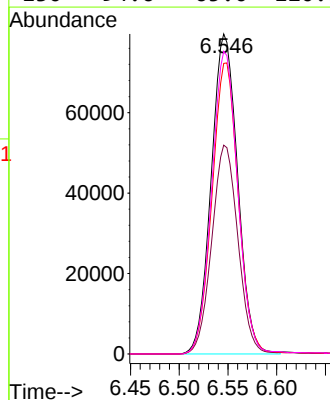
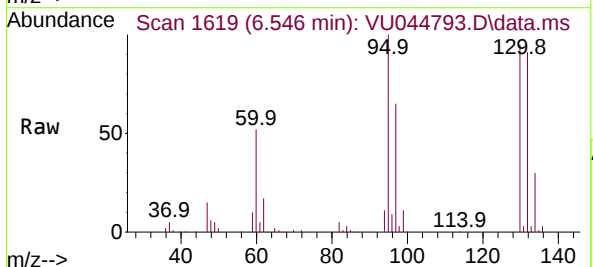
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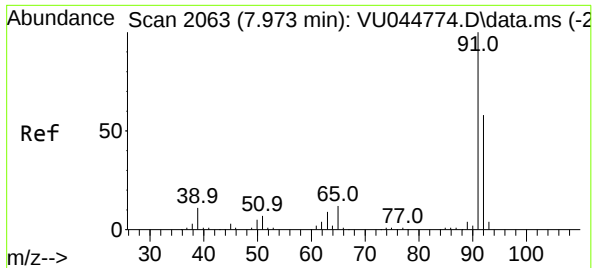
Tgt Ion: 96 Resp: 564042
Ion Ratio Lower Upper
96 100
61 140.4 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 71.760 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044793.D
Acq: 23 Sep 2021 18:33

Tgt Ion: 95 Resp: 150042
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 90.8 62.9 116.9
130 94.6 65.0 120.8





#42
Toluene
Concen: 0.603 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044793.D
Acq: 23 Sep 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
EW7Y0

Tgt Ion: 91 Resp: 5336
Ion Ratio Lower Upper
91 100
92 62.5 40.5 75.1

