

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092122\
 Data File : VV028027.D
 Acq On : 21 Sep 2022 20:04
 Operator : SY/MD
 Sample : N4677-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E91

Quant Time: Sep 22 03:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 03:03:58 2022
 Response via : Initial Calibration

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

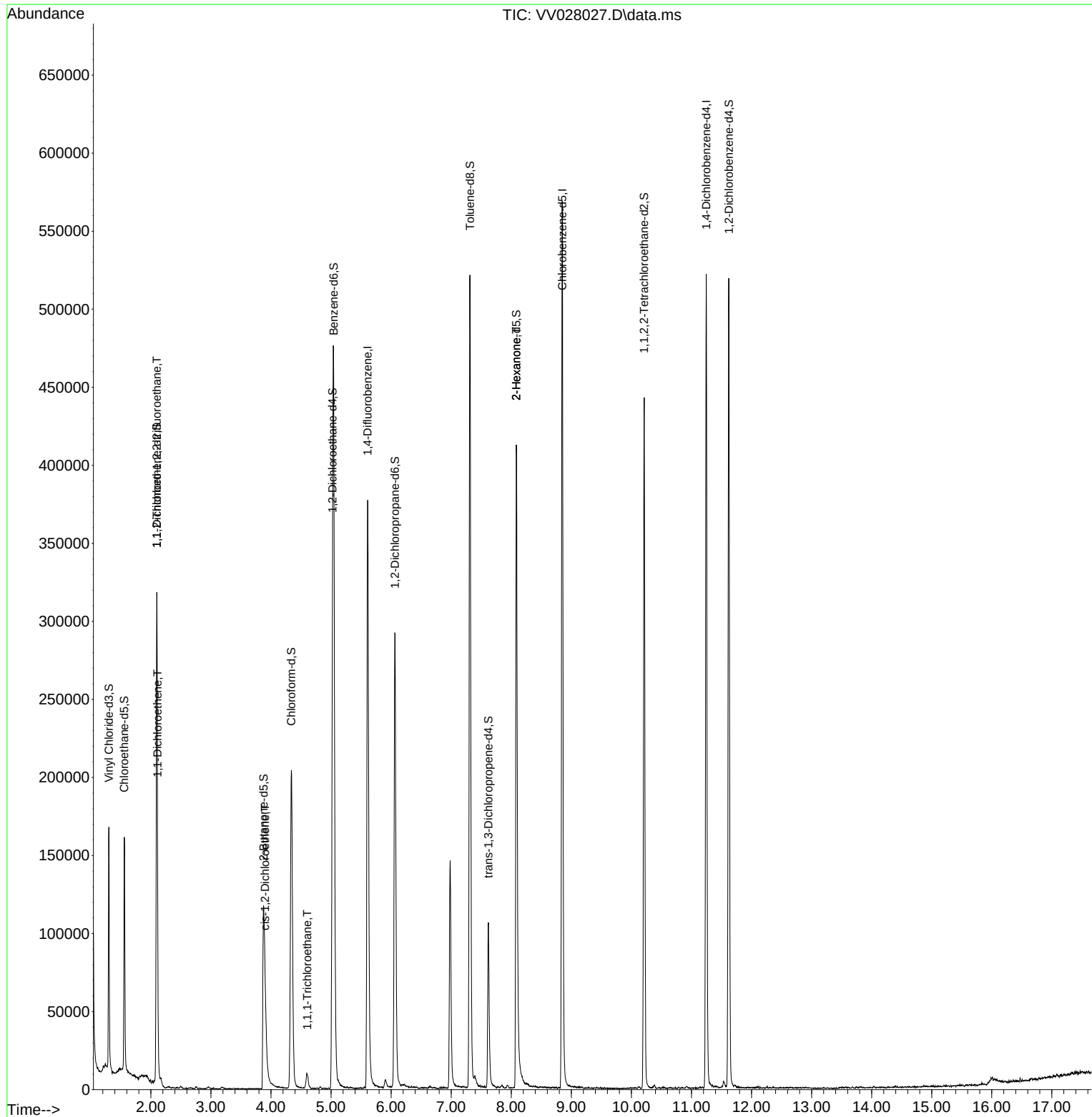
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	331458	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	317122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	139861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	101655	34.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.880%		
7) Chloroethane-d5	1.558	69	95660	41.153	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.300%		
11) 1,1-Dichloroethene-d2	2.098	63	159495	30.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.880%		
21) 2-Butanone-d5	3.876	46	186963	108.052	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.050%		
24) Chloroform-d	4.339	84	212904	43.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.160%		
26) 1,2-Dichloroethane-d4	5.024	65	147872	46.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
32) Benzene-d6	5.043	84	408838	44.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.460%		
36) 1,2-Dichloropropane-d6	6.063	67	140919	49.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.860%		
41) Toluene-d8	7.313	98	345778	41.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.620%		
43) trans-1,3-Dichloroprop...	7.619	79	62921	44.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.160%		
47) 2-Hexanone-d5	8.085	63	148456	107.366	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.370%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	208465	50.180	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.360%		
66) 1,2-Dichlorobenzene-d4	11.622	152	138498	51.012	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1806	0.751	ug/L #	21
12) 1,1-Dichloroethene	2.111	96	13143	5.465	ug/L #	1
20) cis-1,2-Dichloroethene	3.902	96	7441	2.915	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	7755	1.986	ug/L #	71
48) 2-Hexanone	8.085	43	17267	6.013	ug/L #	68

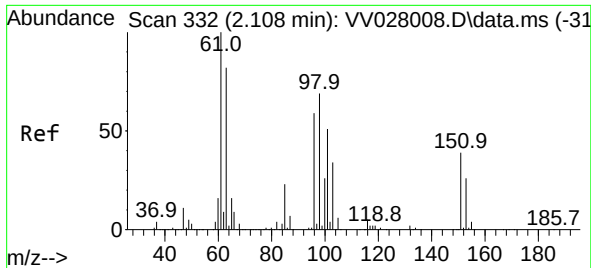
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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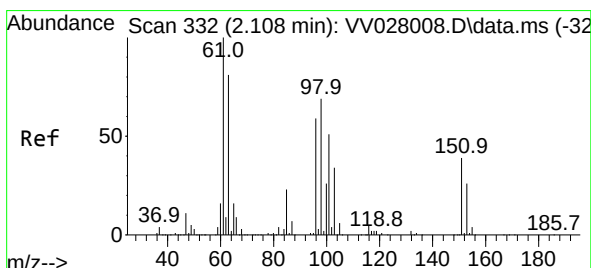
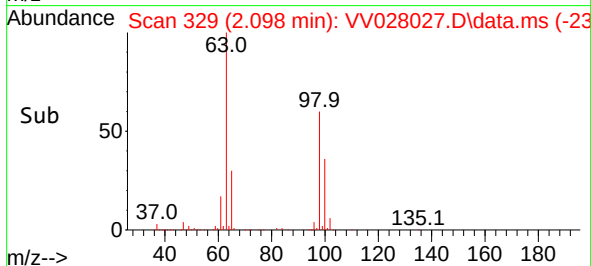
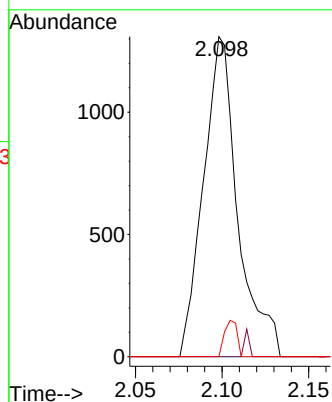
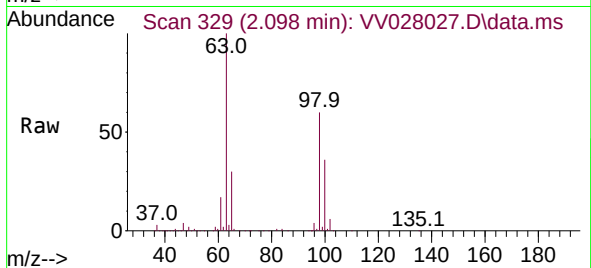




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.751 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: VV028027.D
 Acq: 21 Sep 2022 20:04

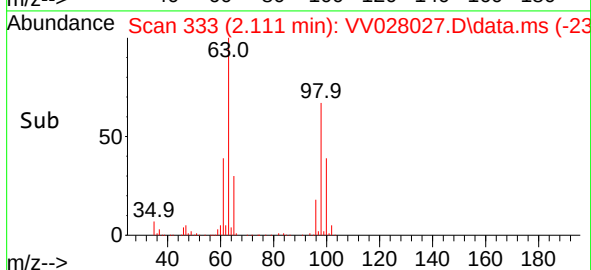
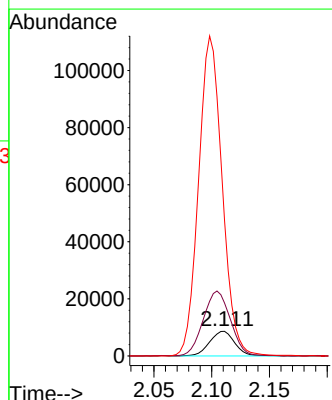
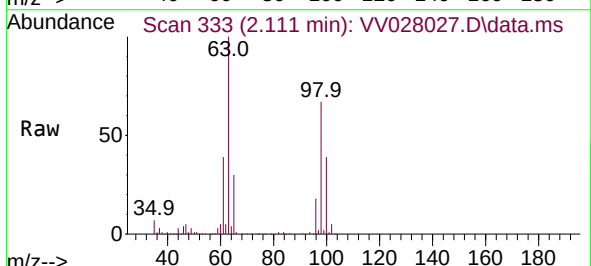
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E91

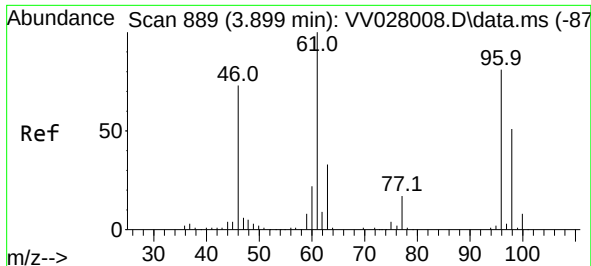
Tgt Ion:101 Resp: 1806
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 4.2 62.2 93.4#



#12
 1,1-Dichloroethene
 Concen: 5.465 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028027.D
 Acq: 21 Sep 2022 20:04

Tgt Ion: 96 Resp: 13143
 Ion Ratio Lower Upper
 96 100
 61 214.5 123.7 229.7
 63 550.6 108.6 201.6#





#20

cis-1,2-Dichloroethene

Concen: 2.915 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV028027.D

Acq: 21 Sep 2022 20:04

Instrument :

MSVOA_V

ClientSampleId :

C0E91

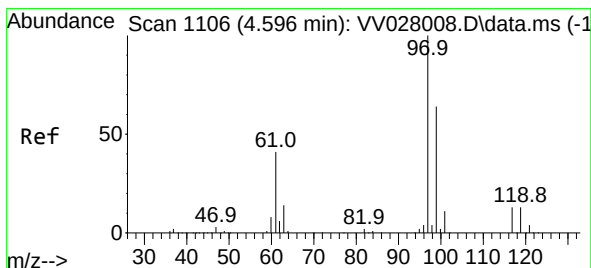
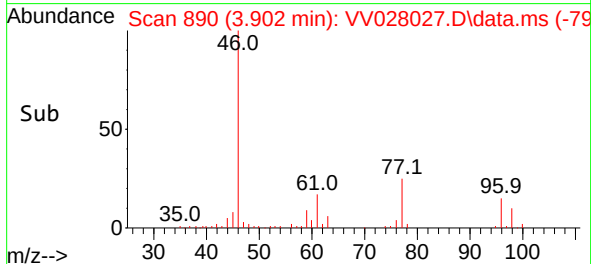
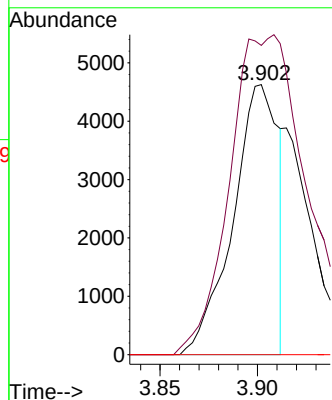
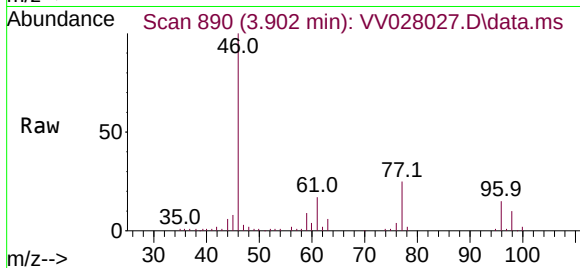
Tgt Ion: 96 Resp: 7441

Ion Ratio Lower Upper

96 100

61 114.5 84.4 156.8

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 1.986 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV028027.D

Acq: 21 Sep 2022 20:04

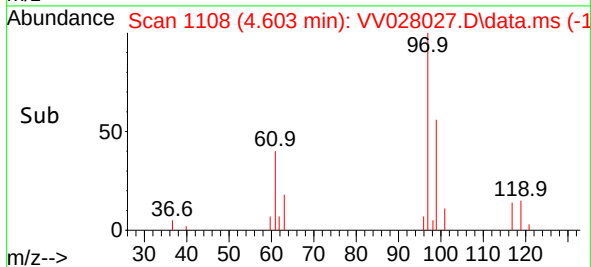
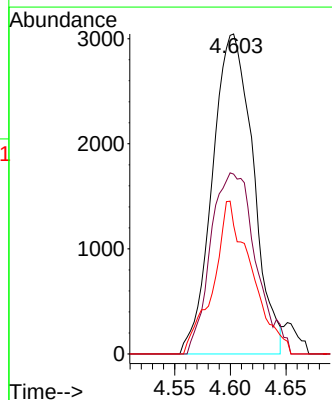
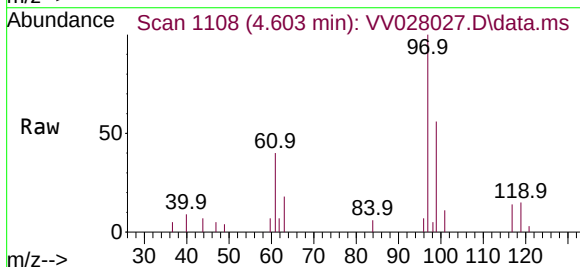
Tgt Ion: 97 Resp: 7755

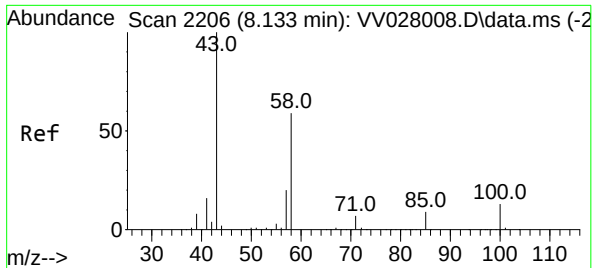
Ion Ratio Lower Upper

97 100

99 37.4 51.4 77.0#

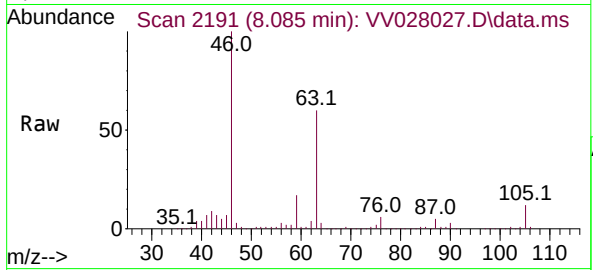
61 29.6 35.2 52.8#





#48
 2-Hexanone
 Concen: 6.013 ug/L
 RT: 8.085 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV028027.D
 Acq: 21 Sep 2022 20:04

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Tgt Ion: 43 Resp: 17267

Ion	Ratio	Lower	Upper
43	100		
58	31.7	45.6	68.4#
57	33.5	15.0	22.6#
100	4.1	9.9	14.9#

