

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027970.D
 Acq On : 20 Sep 2022 18:24
 Operator : SY/MD
 Sample : N4619-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E20

Quant Time: Sep 21 05:16:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:52:39 2022
 Response via : Initial Calibration

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

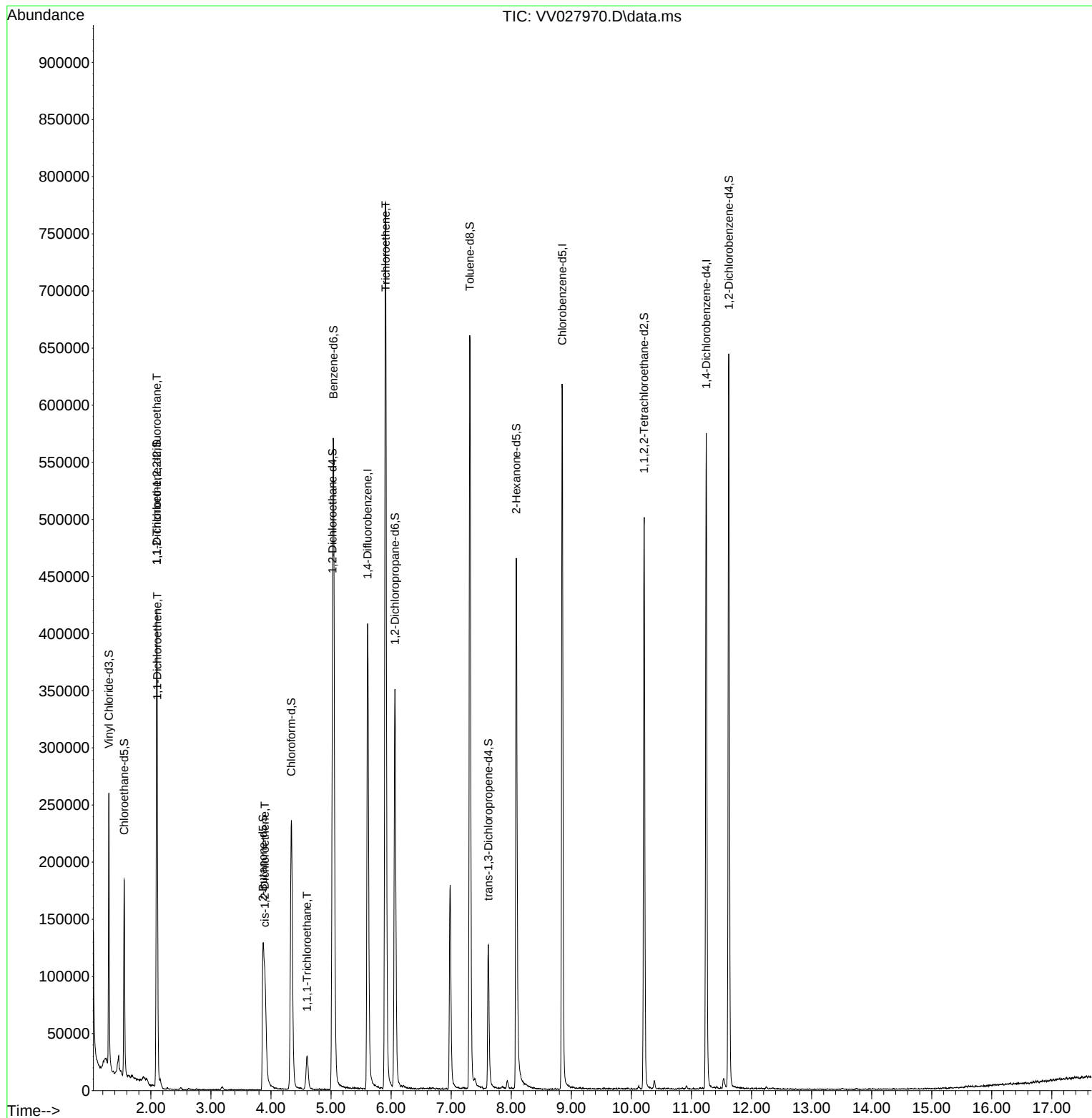
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	353775	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	339809	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	152025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	151854	48.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.780%
7) Chloroethane-d5	1.555	69	117832	47.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.980%
11) 1,1-Dichloroethene-d2	2.098	63	208452	37.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.780%
21) 2-Butanone-d5	3.866	46	196189	106.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.230%
24) Chloroform-d	4.339	84	246070	47.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
26) 1,2-Dichloroethane-d4	5.024	65	168784	49.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
32) Benzene-d6	5.040	84	497184	50.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
36) 1,2-Dichloropropane-d6	6.063	67	169082	55.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.820%
41) Toluene-d8	7.310	98	434850	48.483	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.960%
43) trans-1,3-Dichloroprop...	7.619	79	74167	49.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.080%
47) 2-Hexanone-d5	8.085	63	164455	110.996	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237026	53.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.500%
66) 1,2-Dichlorobenzene-d4	11.622	152	165813	56.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.380%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	2337	0.910	ug/L #	28
12) 1,1-Dichloroethene	2.108	96	21032	8.194	ug/L #	1
20) cis-1,2-Dichloroethene	3.899	96	39436	14.474	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	24656	5.894	ug/L	98
34) Trichloroethene	5.908	95	274427	109.236	ug/L	99

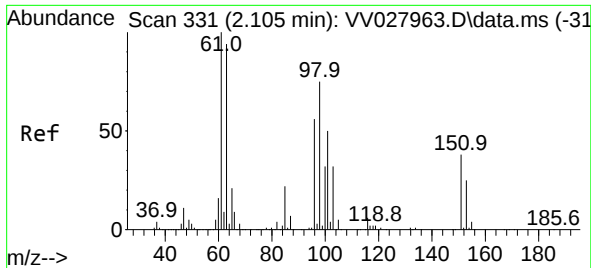
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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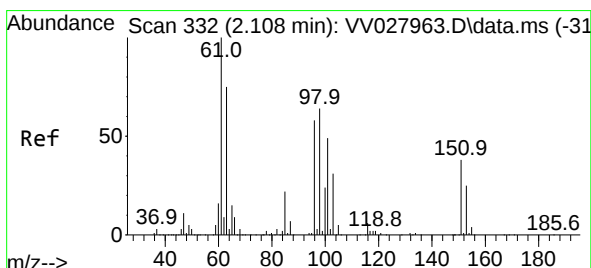
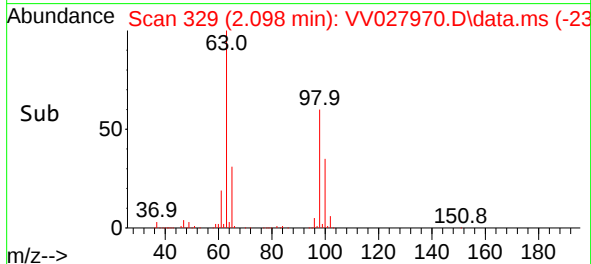
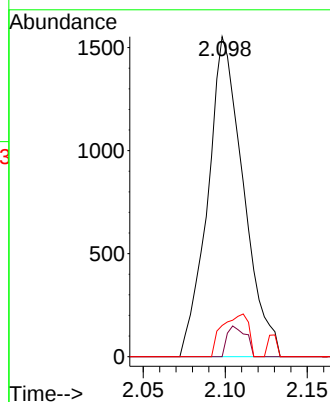
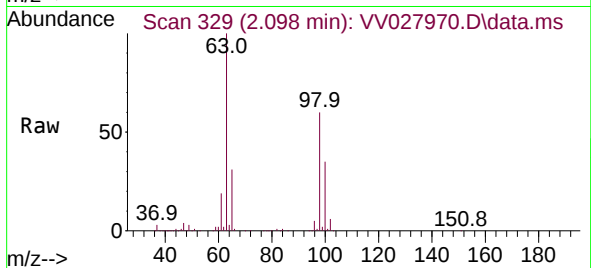




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.910 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VV027970.D
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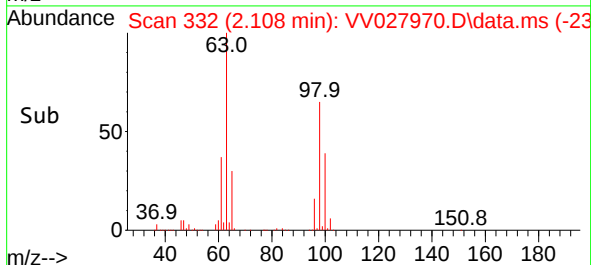
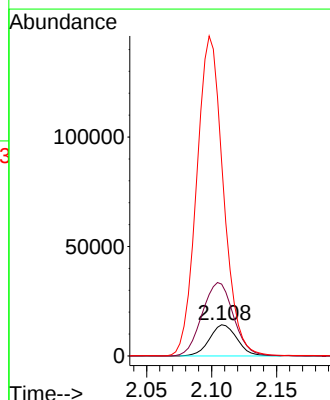
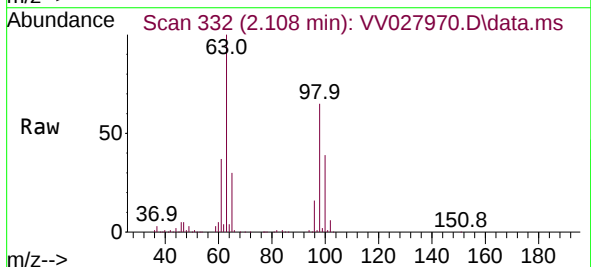
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E20

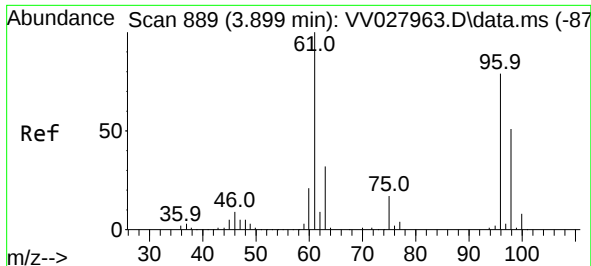
Tgt Ion:101 Resp: 2337
 Ion Ratio Lower Upper
 101 100
 85 5.0 35.6 53.4#
 151 9.8 62.2 93.4#



#12
 1,1-Dichloroethene
 Concen: 8.194 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV027970.D
 Acq: 20 Sep 2022 18:24

Tgt Ion: 96 Resp: 21032
 Ion Ratio Lower Upper
 96 100
 61 230.6 123.7 229.7#
 63 623.4 108.6 201.6#

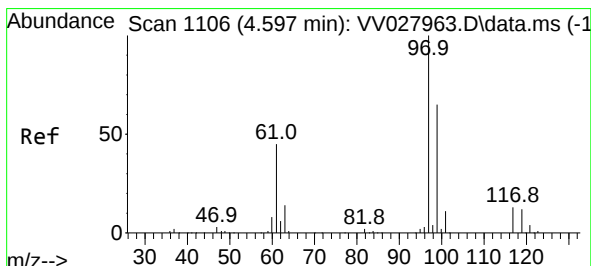
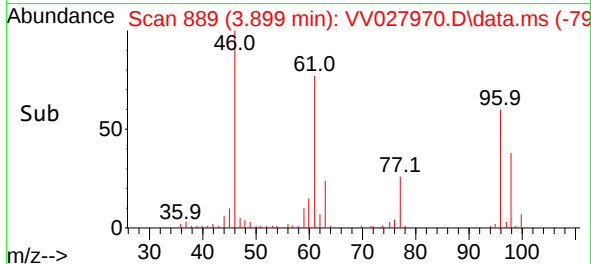
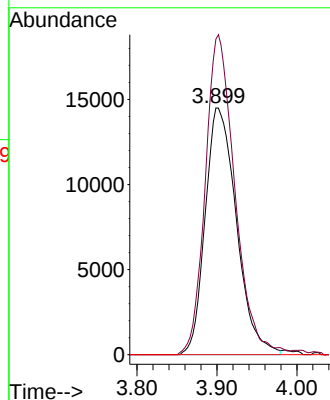
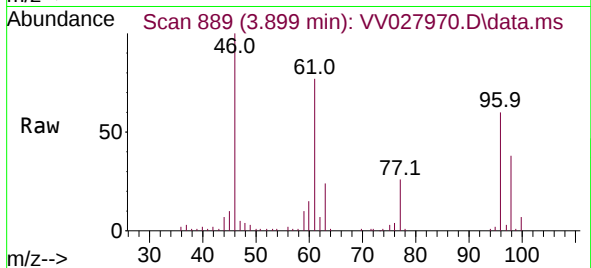




#20
 cis-1,2-Dichloroethene
 Concen: 14.474 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.000 min
 Lab File: VV027970.D
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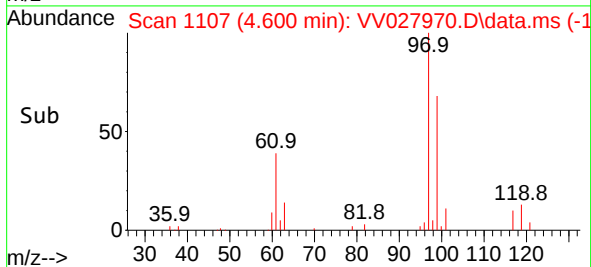
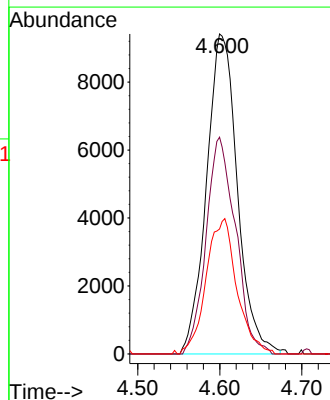
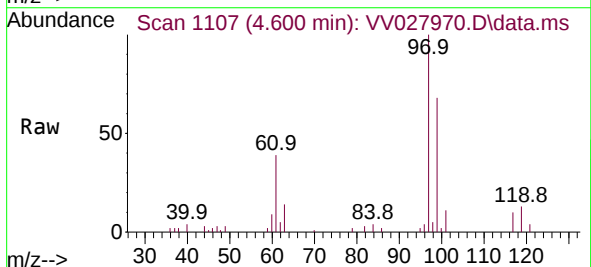
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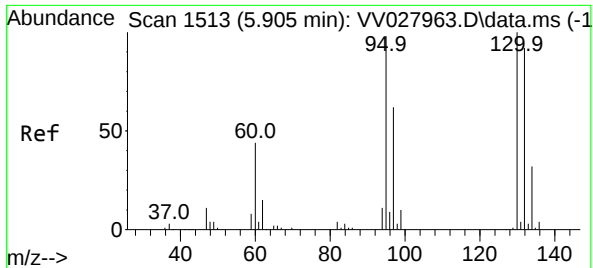
Tgt Ion: 96 Resp: 39436
 Ion Ratio Lower Upper
 96 100
 61 127.8 84.4 156.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 5.894 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV027970.D
 Acq: 20 Sep 2022 18:24

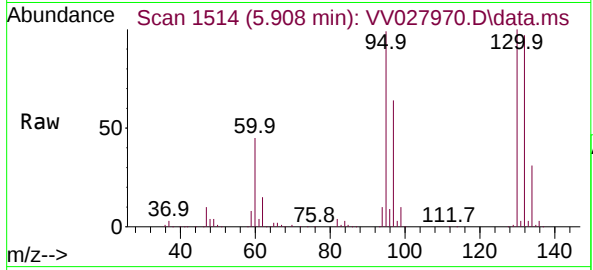
Tgt Ion: 97 Resp: 24656
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.4 77.0
 61 41.9 35.2 52.8





#34
 Trichloroethene
 Concen: 109.236 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV027970.D
 Acq: 20 Sep 2022 18:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E20



Tgt Ion: 95 Resp: 274427

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.2
132	97.6	69.2	128.6
130	101.0	71.1	132.1

