

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092122\
 Data File : VV028012.D
 Acq On : 21 Sep 2022 13:26
 Operator : SY/MD
 Sample : N1619-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E14DL

Quant Time: Sep 22 03:23:07 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)

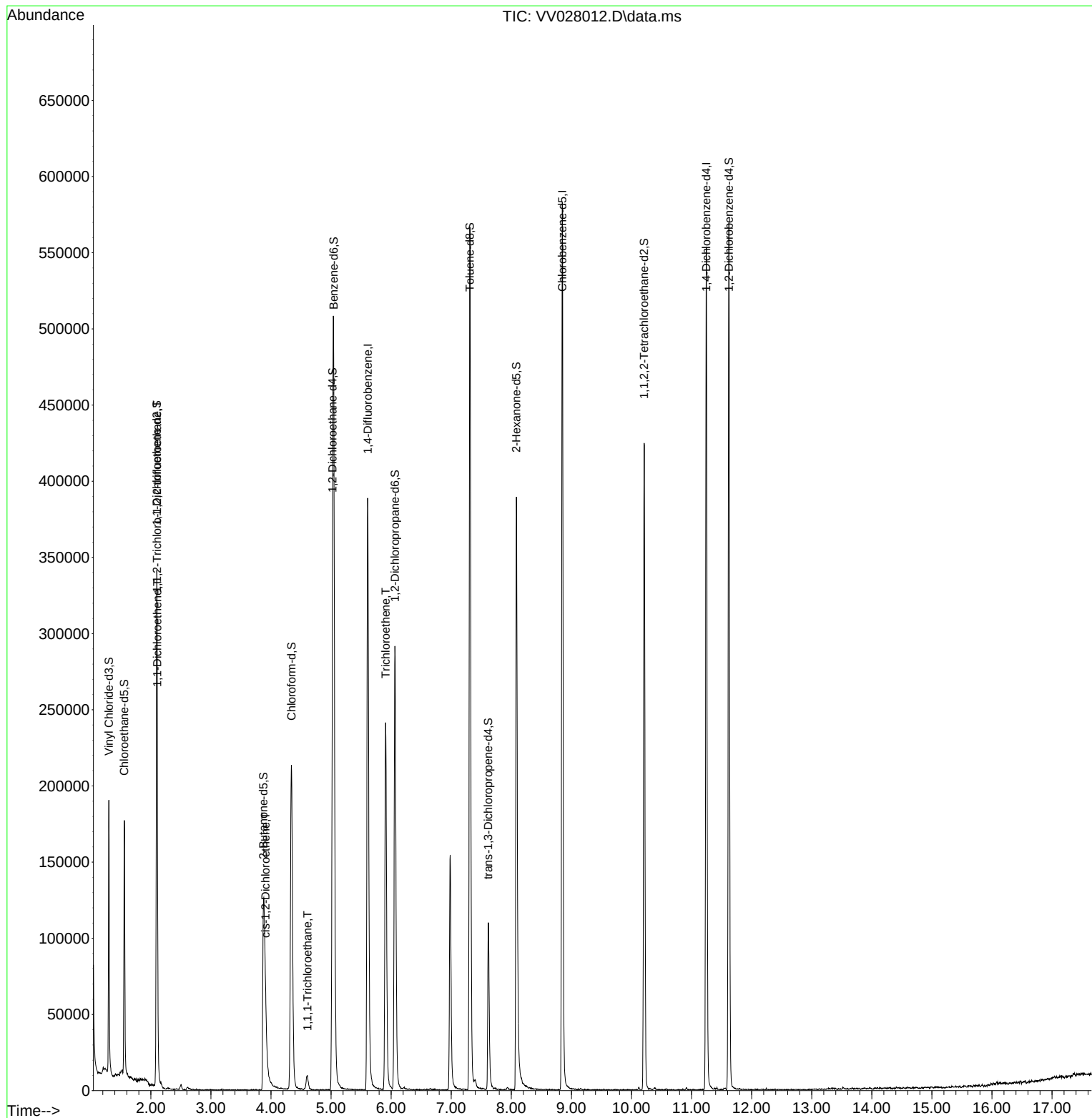
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	348715	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	329665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	151162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	114754	37.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.980%
7) Chloroethane-d5	1.558	69	106274	43.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	2.098	63	174163	32.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.220%
21) 2-Butanone-d5	3.873	46	188561	103.583	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	4.339	84	229057	44.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
26) 1,2-Dichloroethane-d4	5.024	65	152783	45.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
32) Benzene-d6	5.043	84	445107	46.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	6.063	67	143127	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	7.310	98	381278	43.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.640%
43) trans-1,3-Dichloroprop...	7.616	79	64925	44.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.500%
47) 2-Hexanone-d5	8.085	63	140388	97.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.670%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	200803	46.496	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	152741	52.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.100%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1895	0.749	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	7393	2.922	ug/L #	1
20) cis-1,2-Dichloroethene	3.908	96	8540	3.180	ug/L	87
30) 1,1,1-Trichloroethane	4.606	97	7791	1.920	ug/L	96
34) Trichloroethene	5.908	95	85013	34.881	ug/L	97

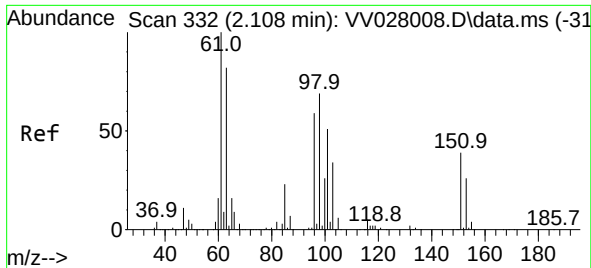
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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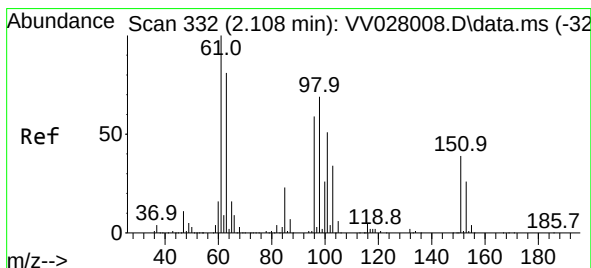
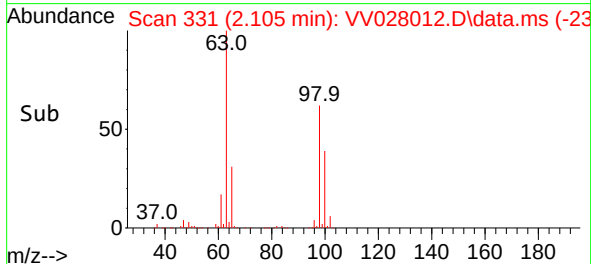
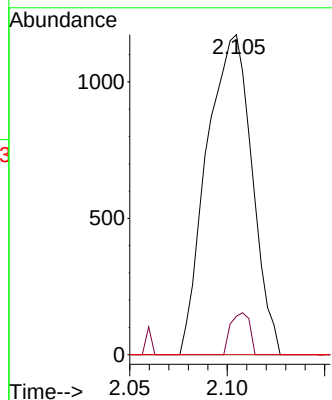
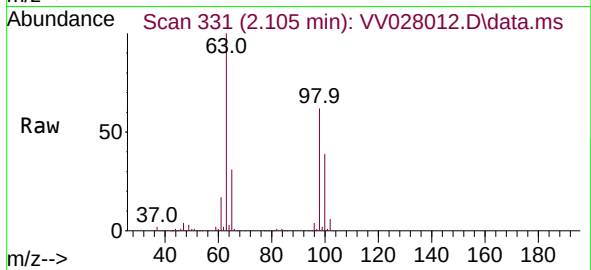




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.749 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV028012.D
 Acq: 21 Sep 2022 13:26

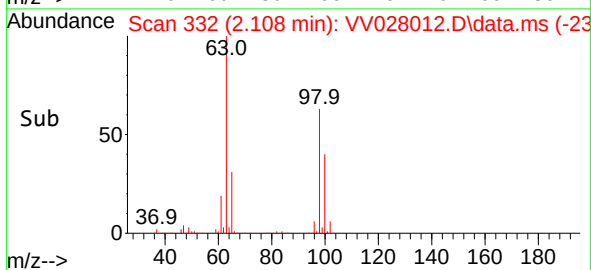
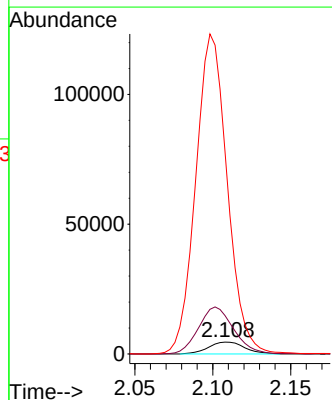
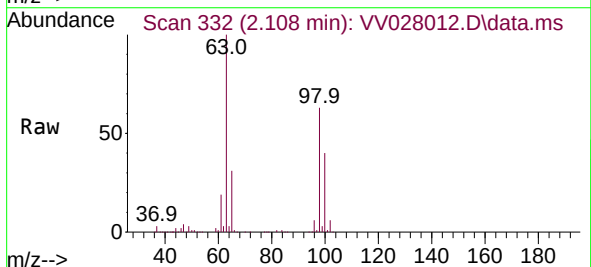
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E14DL

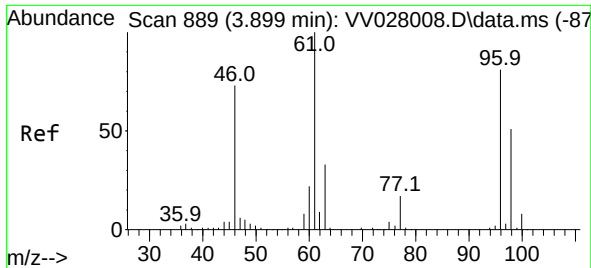
Tgt Ion:101 Resp: 1895
 Ion Ratio Lower Upper
 101 100
 85 5.5 35.6 53.4#
 151 0.0 62.2 93.4#



#12
 1,1-Dichloroethene
 Concen: 2.922 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV028012.D
 Acq: 21 Sep 2022 13:26

Tgt Ion: 96 Resp: 7393
 Ion Ratio Lower Upper
 96 100
 61 323.2 123.7 229.7#
 63 1702.6 108.6 201.6#

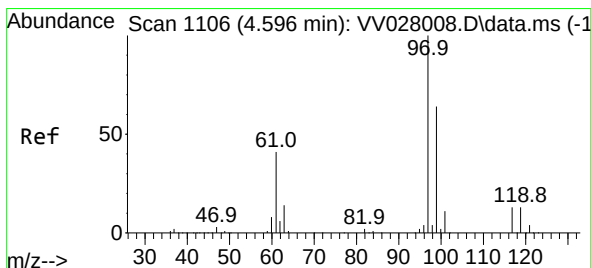
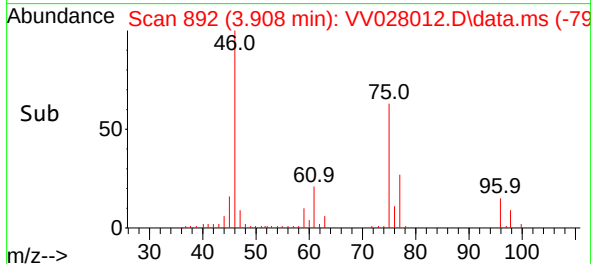
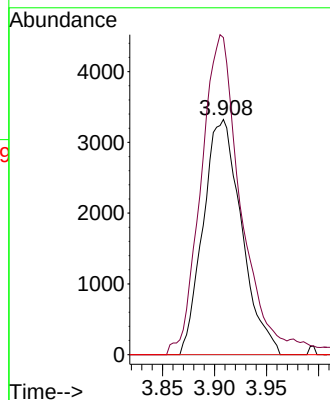
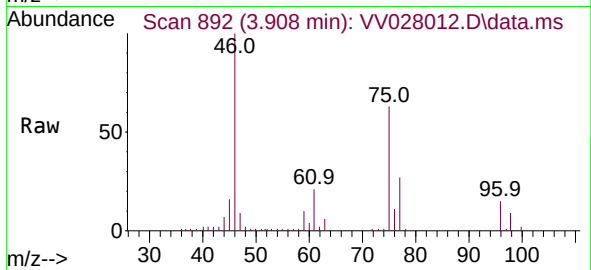




#20
 cis-1,2-Dichloroethene
 Concen: 3.180 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV028012.D
 Acq: 21 Sep 2022 13:26

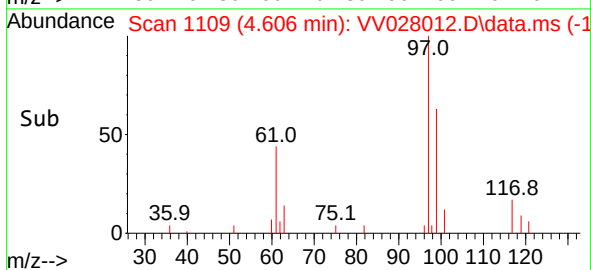
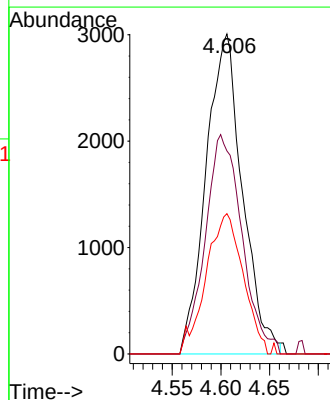
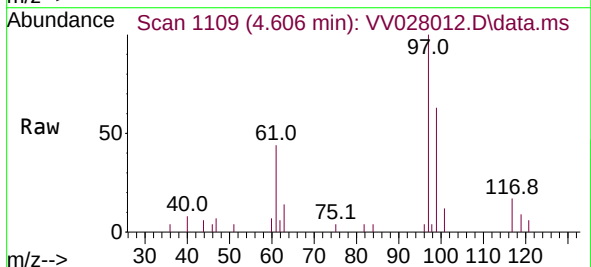
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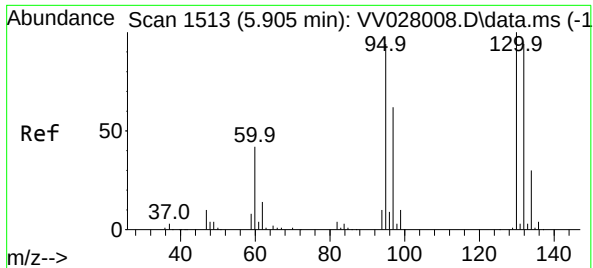
Tgt Ion: 96 Resp: 8540
 Ion Ratio Lower Upper
 96 100
 61 134.8 84.4 156.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.920 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.010 min
 Lab File: VV028012.D
 Acq: 21 Sep 2022 13:26

Tgt Ion: 97 Resp: 7791
 Ion Ratio Lower Upper
 97 100
 99 68.7 51.4 77.0
 61 43.4 35.2 52.8





#34
 Trichloroethene
 Concen: 34.881 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV028012.D
 Acq: 21 Sep 2022 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E14DL

Tgt Ion: 95	Resp:	85013
Ion	Ratio	Lower Upper
95	100	
97	64.1	45.4 84.2
132	102.3	69.2 128.6
130	106.8	71.1 132.1

