

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030603.D
 Acq On : 12 Aug 2022 18:42
 Operator : JC/MD
 Sample : N4131-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

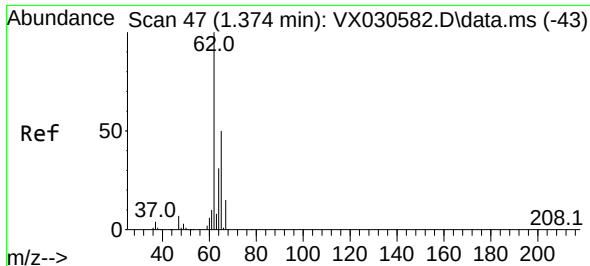
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D60DL

Quant Time: Aug 12 23:32:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	255291	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	229951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63057	38.463	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.920%	
7) Chloroethane-d5	1.666	69	55413	47.947	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.900%	
11) 1,1-Dichloroethene-d2	2.306	63	109241	35.226	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.460%	
21) 2-Butanone-d5	4.476	46	207320	136.483	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	136.480%#	
24) Chloroform-d	5.062	84	172632	51.153	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.300%	
26) 1,2-Dichloroethane-d4	5.964	65	130374	56.894	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	113.780%	
32) Benzene-d6	5.982	84	320589	48.671	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.340%	
36) 1,2-Dichloropropane-d6	7.317	67	113849	53.273	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.540%	
41) Toluene-d8	8.652	98	271328	43.700	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.957	79	49521	46.579	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.160%	
47) 2-Hexanone-d5	9.390	63	130725	120.008	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	120.010%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	162105	57.742	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	115.480%	
66) 1,2-Dichlorobenzene-d4	12.323	152	100612	52.391	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.780%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	5921	3.356	ug/L	# 79
17) trans-1,2-Dichloroethene	3.092	96	3317	2.004	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	98994	53.160	ug/L	97
34) Trichloroethene	7.134	95	17357	8.128	ug/L	82
44) trans-1,3-Dichloropropene	8.957	75	2587	0.904	ug/L	83

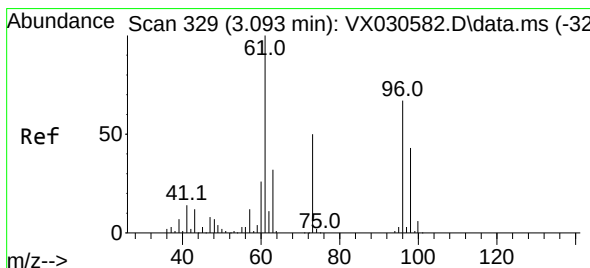
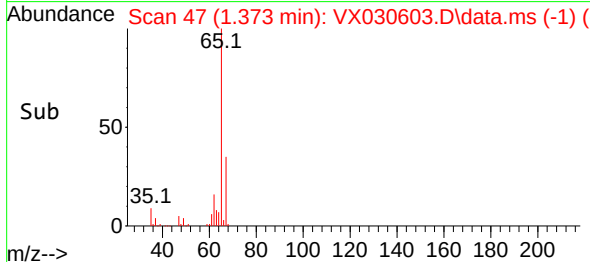
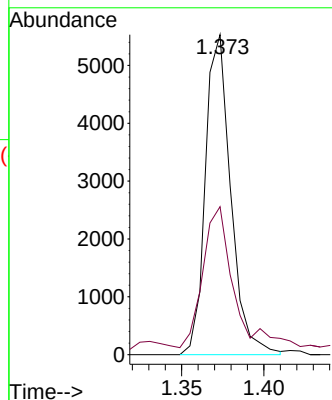
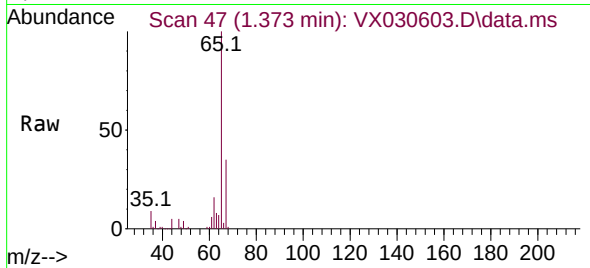
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 3.356 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
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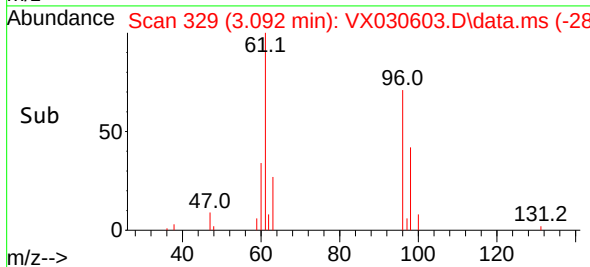
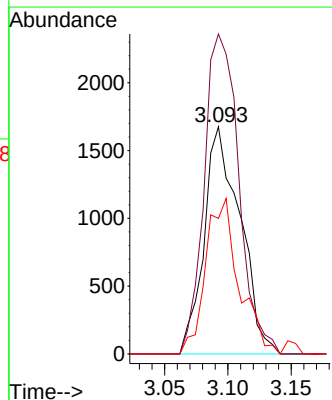
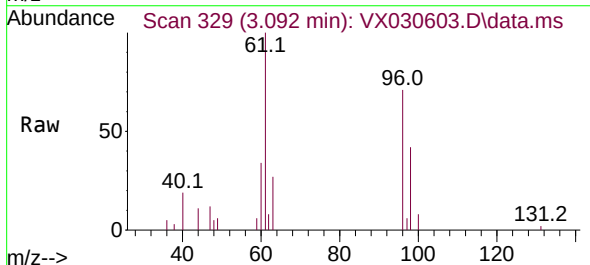
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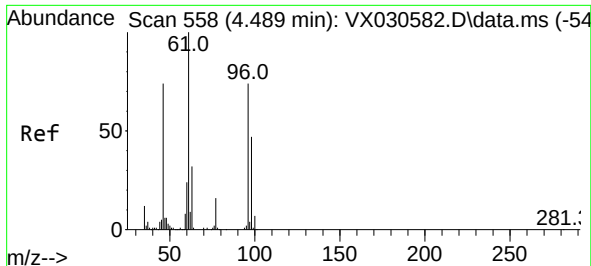
Tgt Ion: 62 Resp: 5921
 Ion Ratio Lower Upper
 62 100
 64 46.3 23.8 44.2#



#17
 trans-1,2-Dichloroethene
 Concen: 2.004 ug/L
 RT: 3.092 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030603.D
 Acq: 12 Aug 2022 18:42

Tgt Ion: 96 Resp: 3317
 Ion Ratio Lower Upper
 96 100
 61 140.8 103.7 192.5
 98 59.6 41.5 77.1

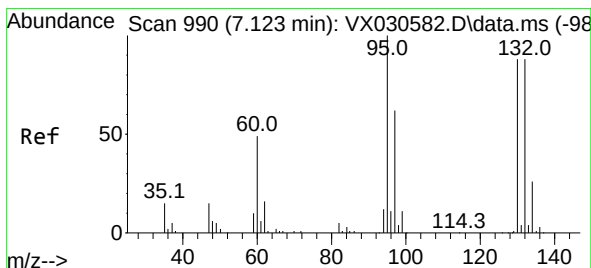
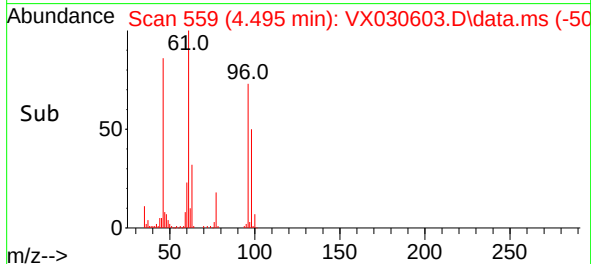
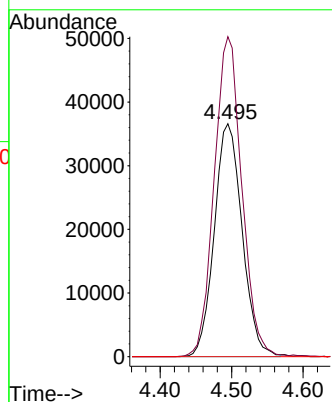
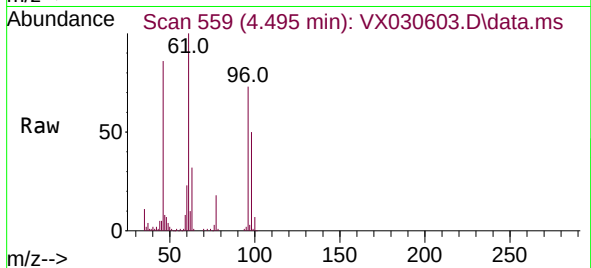




#20
 cis-1,2-Dichloroethene
 Concen: 53.160 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030603.D
 Acq: 12 Aug 2022 18:42

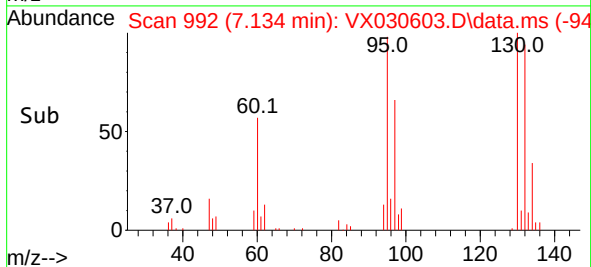
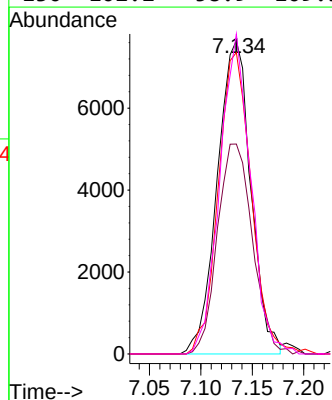
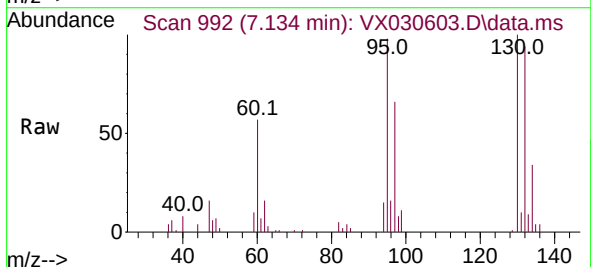
Instrument :
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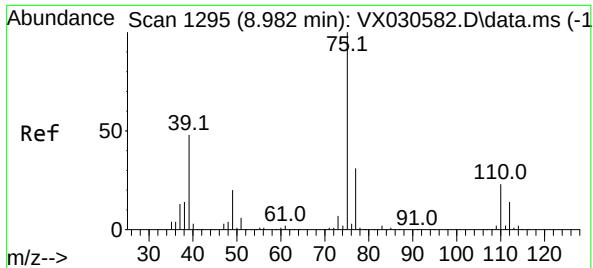
Tgt Ion: 96 Resp: 98994
 Ion Ratio Lower Upper
 96 100
 61 137.3 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 8.128 ug/L
 RT: 7.134 min Scan# 992
 Delta R.T. 0.012 min
 Lab File: VX030603.D
 Acq: 12 Aug 2022 18:42

Tgt Ion: 95 Resp: 17357
 Ion Ratio Lower Upper
 95 100
 97 67.0 40.2 74.6
 132 96.2 55.3 102.7
 130 102.2 58.9 109.5





#44
 trans-1,3-Dichloropropene
 Concen: 0.904 ug/L
 RT: 8.957 min Scan# 11
 Delta R.T. -0.025 min
 Lab File: VX030603.D
 Acq: 12 Aug 2022 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D60DL

Tgt Ion: 75 Resp: 2587
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.5 41.7

