

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030396.D
 Acq On : 04 Aug 2022 17:04
 Operator : JC/MD
 Sample : N4003-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D33

Quant Time: Aug 05 05:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

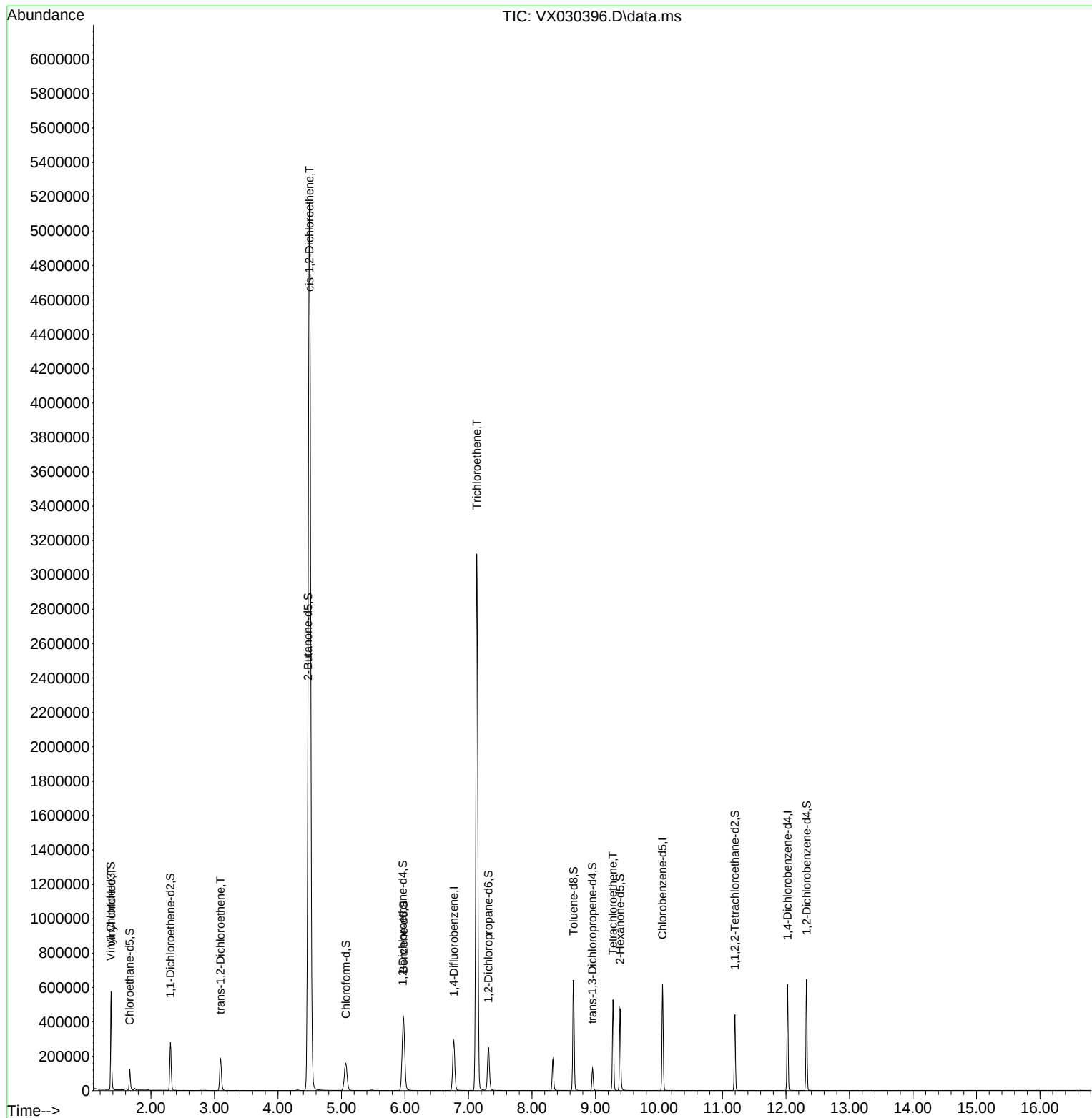
Internal Standards							
1) 1,4-Difluorobenzene		6.769	114	290163	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.055	117	260053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	116516	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	101072	54.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.480%		
7) Chloroethane-d5		1.666	69	76221	58.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.060%		
11) 1,1-Dichloroethene-d2		2.307	63	160718	45.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 91.200%		
21) 2-Butanone-d5		4.471	46	202338	117.195	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 117.190%		
24) Chloroform-d		5.068	84	199625	52.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.080%		
26) 1,2-Dichloroethane-d4		5.964	65	138354	53.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.240%		
32) Benzene-d6		5.977	84	396638	53.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.500%		
36) 1,2-Dichloropropane-d6		7.312	67	127040	52.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.120%		
41) Toluene-d8		8.653	98	365674	52.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.160%		
43) trans-1,3-Dichloroprop...		8.952	79	59331	49.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.700%		
47) 2-Hexanone-d5		9.385	63	135351	109.872	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.870%		
56) 1,1,2,2-Tetrachloroeth...		11.195	84	168897	53.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4		12.323	152	121171	53.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.240%		
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.374	62	276875	138.066	ug/L	97
17) trans-1,2-Dichloroethene		3.093	96	73034	38.816	ug/L	94
20) cis-1,2-Dichloroethene		4.495	96	3112533	1470.574	ug/L	99
34) Trichloroethene		7.129	95	1195439	495.034	ug/L	90
46) Tetrachloroethene		9.275	164	88201	57.793	ug/L	98

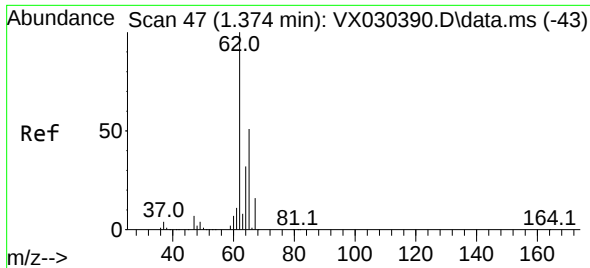
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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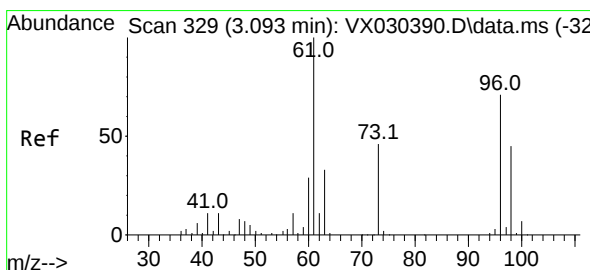
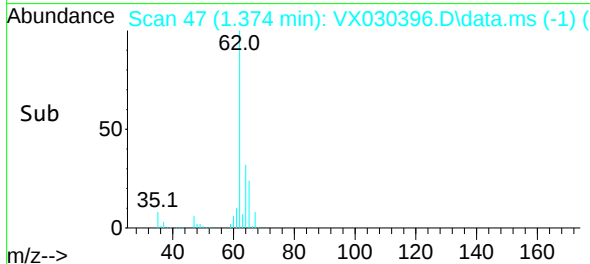
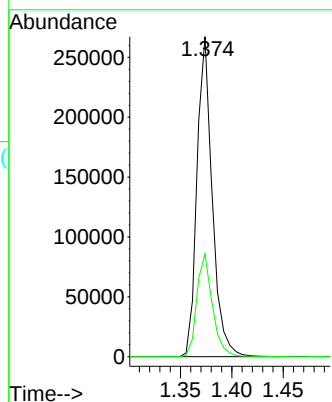
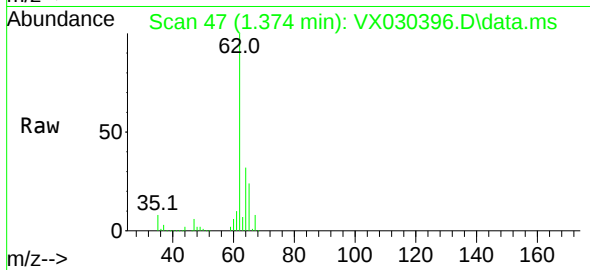




#5
 Vinyl chloride
 Concen: 138.066 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030396.D
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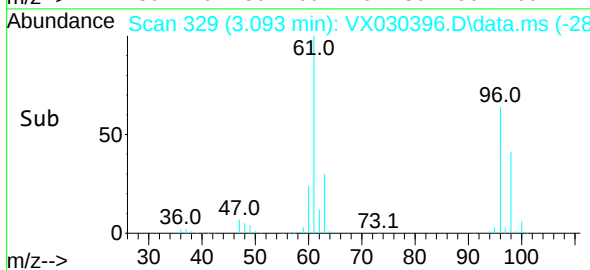
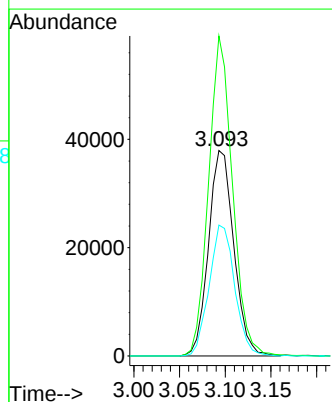
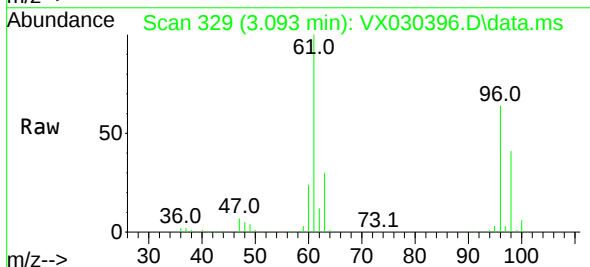
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D33

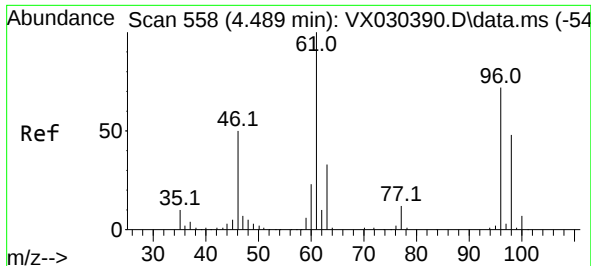
Tgt Ion: 62 Resp: 276875
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 38.816 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030396.D
 Acq: 04 Aug 2022 17:04

Tgt Ion: 96 Resp: 73034
 Ion Ratio Lower Upper
 96 100
 61 155.8 103.7 192.5
 98 63.7 41.5 77.1



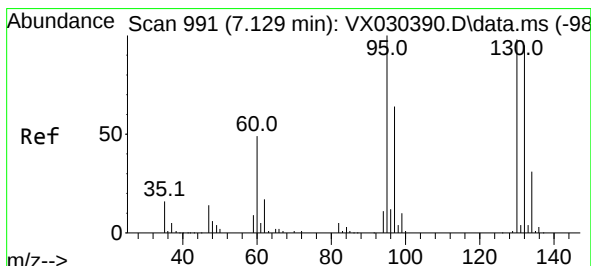
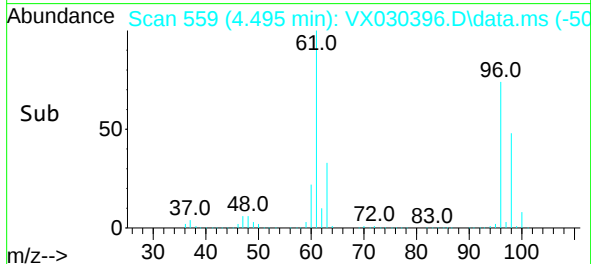
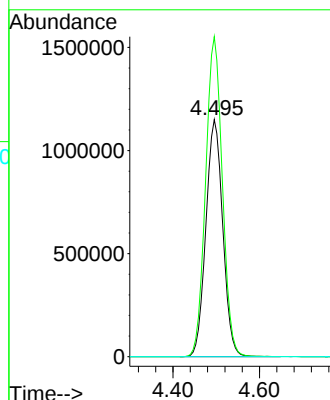
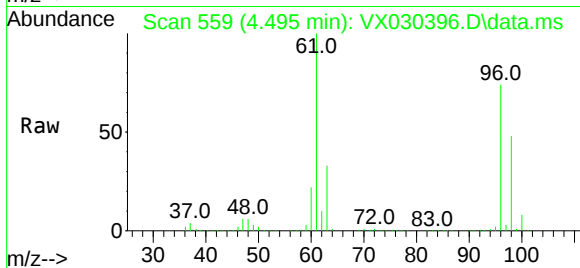


#20
cis-1,2-Dichloroethene
Concen: 1470.574 ug/L
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX030396.D
Acq: 04 Aug 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
F5D33

Tgt Ion: 96 Resp: 3112533

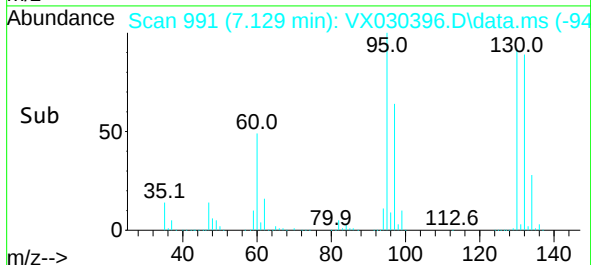
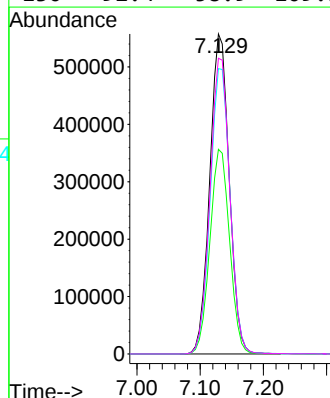
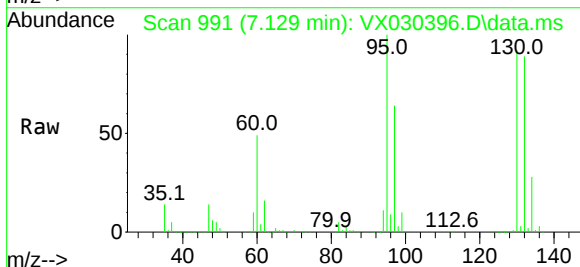
Ion	Ratio	Lower	Upper
96	100		
61	134.9	94.0	174.6
68	0.0	0.0	0.0

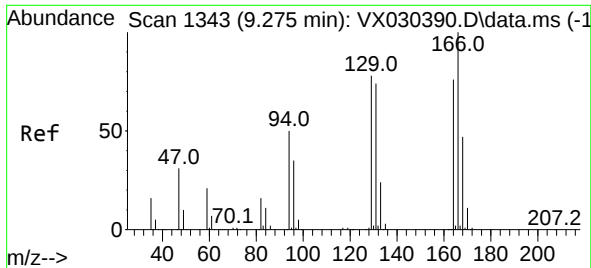


#34
Trichloroethene
Concen: 495.034 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030396.D
Acq: 04 Aug 2022 17:04

Tgt Ion: 95 Resp: 1195439

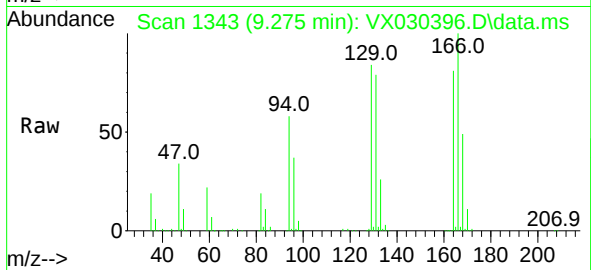
Ion	Ratio	Lower	Upper
95	100		
97	64.0	40.2	74.6
132	89.2	55.3	102.7
130	92.4	58.9	109.5





#46
 Tetrachloroethene
 Concen: 57.793 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030396.D
 Acq: 04 Aug 2022 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D33



Tgt Ion:164 Resp: 88201

Ion	Ratio	Lower	Upper
164	100		
129	103.6	72.7	135.1
131	97.2	69.9	129.9
166	123.9	88.3	164.1

