

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025720.D
 Acq On : 10 Dec 2021 22:41
 Operator : JC/MD
 Sample : M4981-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CP2

Quant Time: Dec 11 01:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

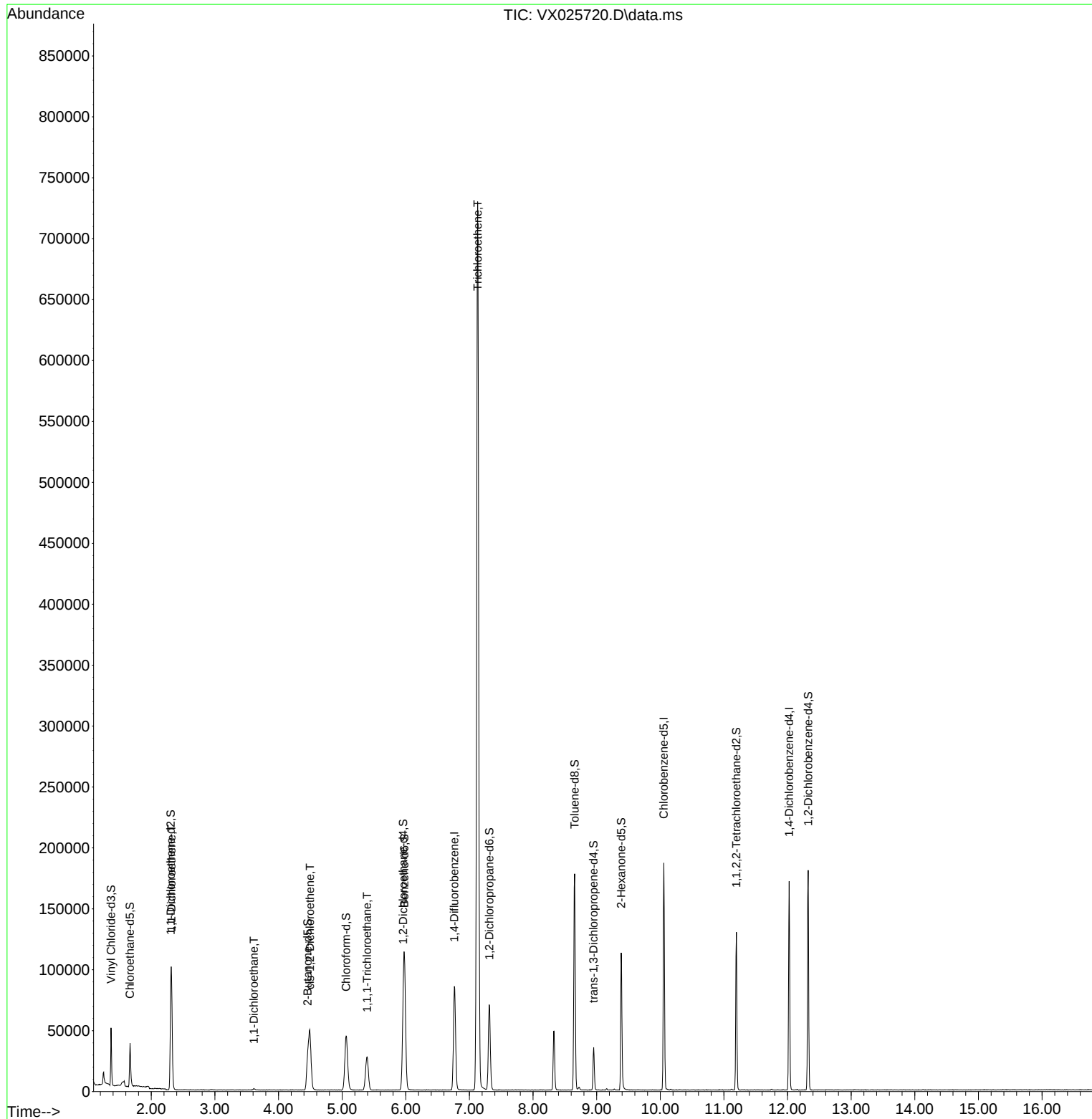
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	88527	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27450	45.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.880%
7) Chloroethane-d5	1.666	69	23969	48.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.140%
11) 1,1-Dichloroethene-d2	2.307	63	48621	50.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.940%
21) 2-Butanone-d5	4.459	46	45641	101.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.062	84	56156	53.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.360%
26) 1,2-Dichloroethane-d4	5.958	65	36594	55.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.200%
32) Benzene-d6	5.977	84	113021	52.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
36) 1,2-Dichloropropane-d6	7.312	67	33883	50.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	8.653	98	104530	51.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
43) trans-1,3-Dichloroprop...	8.952	79	16163	48.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.440%
47) 2-Hexanone-d5	9.385	63	32147	92.624	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48862	51.854	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	36896	52.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	16838	35.420	ug/L	# 57
19) 1,1-Dichloroethane	3.611	63	1478	1.613	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	26619	44.136	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	27155	30.274	ug/L	98
34) Trichloroethene	7.129	95	274995	481.650	ug/L	92

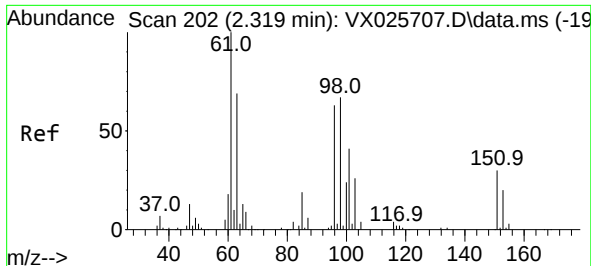
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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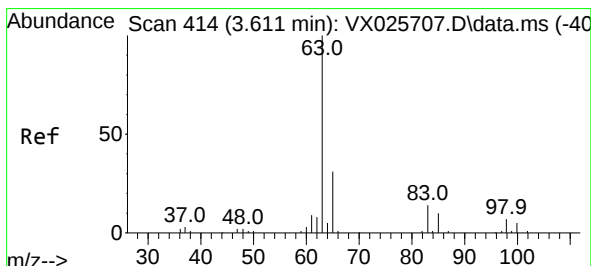
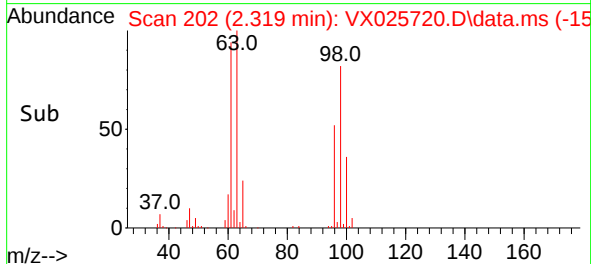
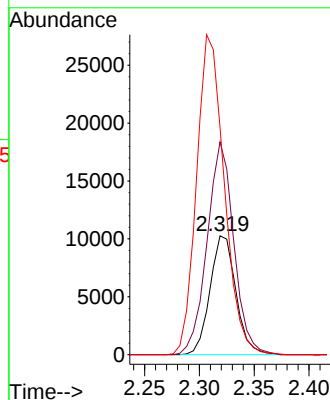
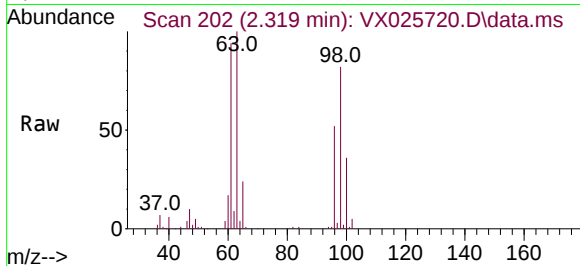




#12
 1,1-Dichloroethene
 Concen: 35.420 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

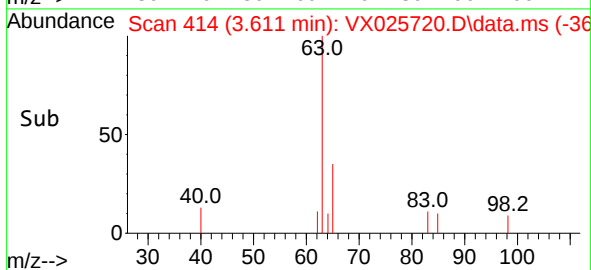
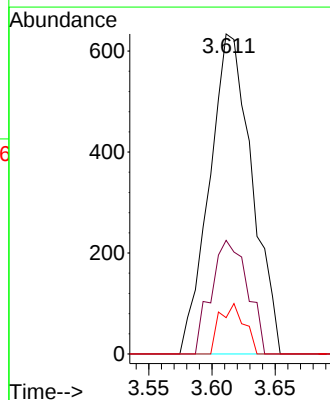
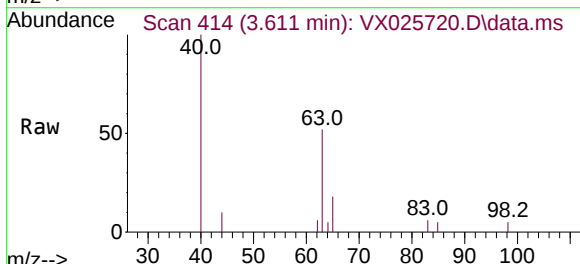
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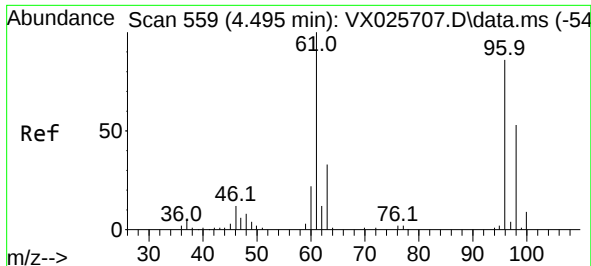
Tgt Ion: 96 Resp: 16838
 Ion Ratio Lower Upper
 96 100
 61 179.0 108.7 201.9
 63 191.1 76.3 141.7#



#19
 1,1-Dichloroethane
 Concen: 1.613 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

Tgt Ion: 63 Resp: 1478
 Ion Ratio Lower Upper
 63 100
 65 35.5 22.2 41.2
 83 11.4 10.2 19.0

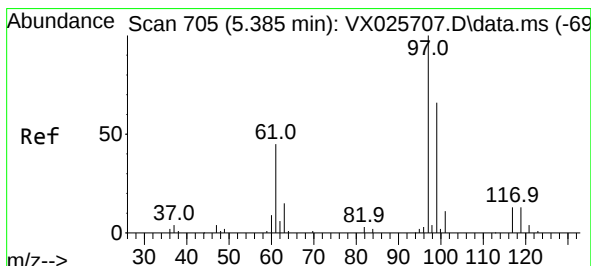
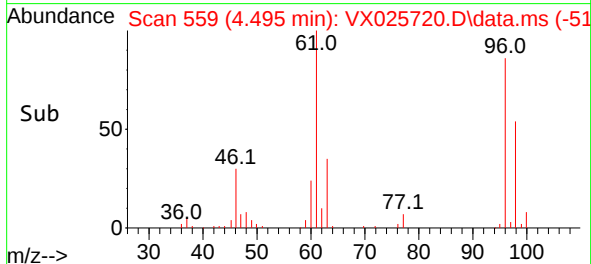
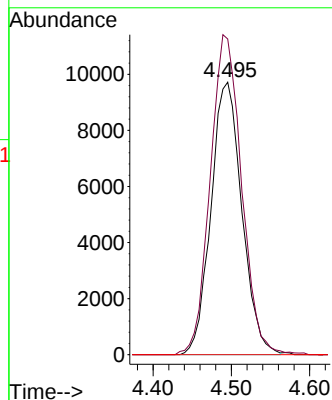
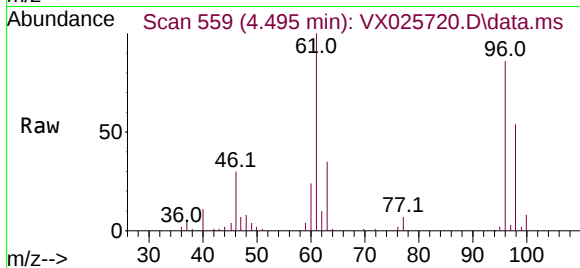




#20
 cis-1,2-Dichloroethene
 Concen: 44.136 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

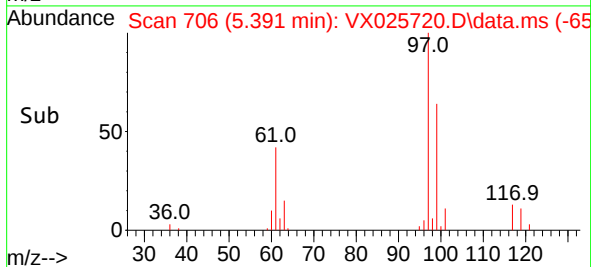
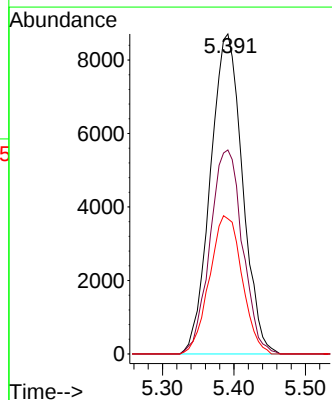
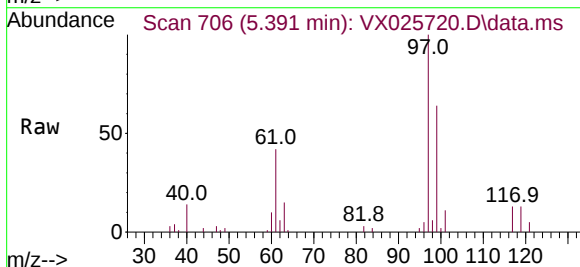
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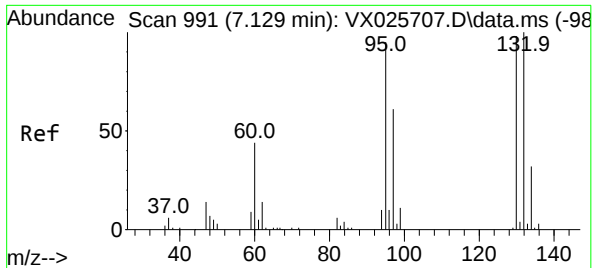
Tgt Ion: 96 Resp: 26619
 Ion Ratio Lower Upper
 96 100
 61 115.9 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 30.274 ug/L
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

Tgt Ion: 97 Resp: 27155
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 43.8 33.1 49.7





#34
 Trichloroethene
 Concen: 481.650 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX025720.D
 Acq: 10 Dec 2021 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CP2

Tgt Ion: 95 Resp: 274995

Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.0	85.4
132	98.2	75.0	139.2
130	101.4	77.9	144.7

