

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030436.D
 Acq On : 05 Aug 2022 17:43
 Operator : JC/MD
 Sample : N4003-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D34DL

Quant Time: Aug 06 00:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

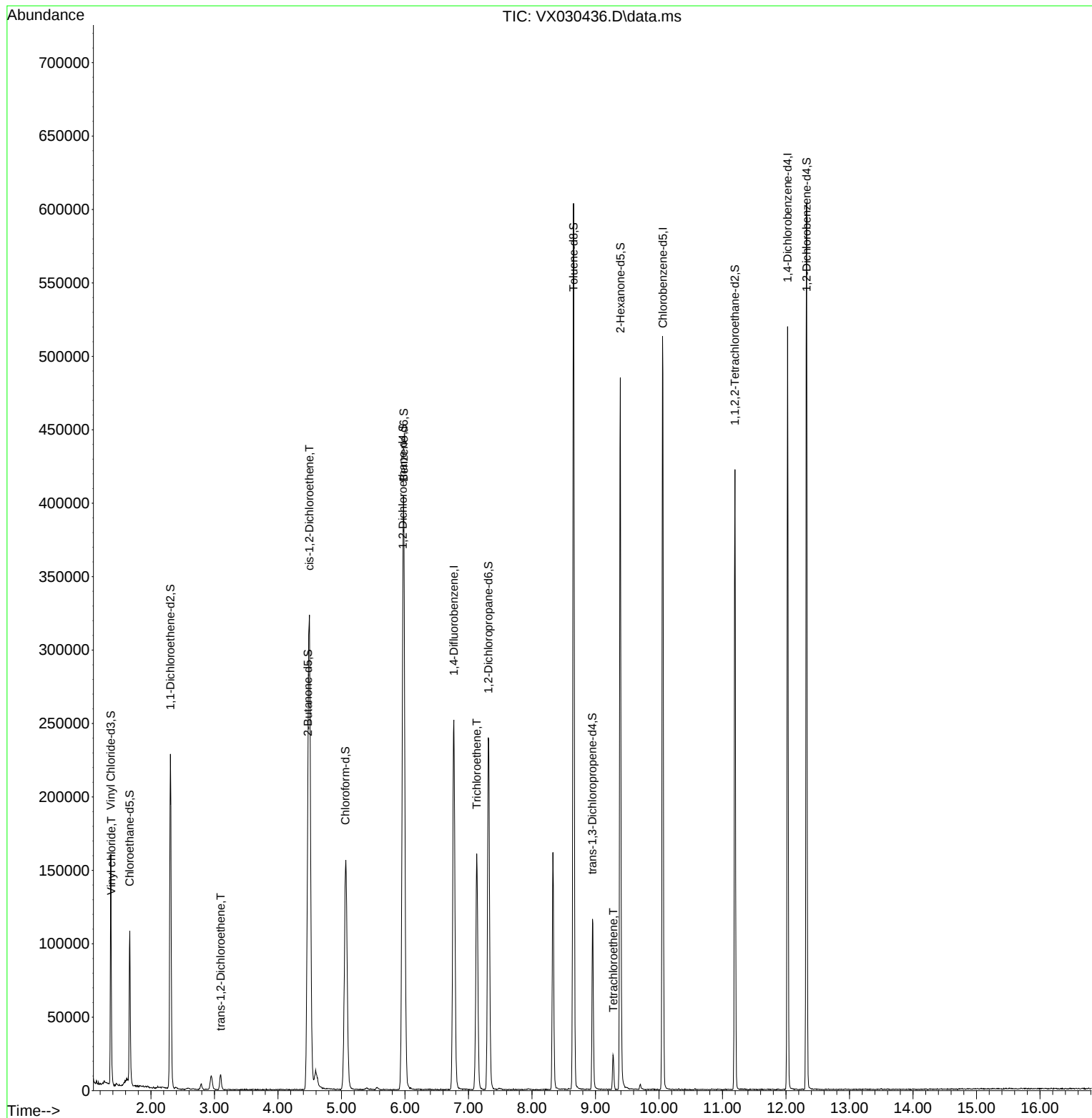
Internal Standards							
1) 1,4-Difluorobenzene		6.769	114	246757	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.061	117	219857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	94933	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	86207	54.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.800%	
7) Chloroethane-d5		1.666	69	70359	62.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.960%	
11) 1,1-Dichloroethene-d2		2.307	63	131875	43.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.000%	
21) 2-Butanone-d5		4.471	46	198140	134.951	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.950%#	
24) Chloroform-d		5.062	84	189838	58.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.400%	
26) 1,2-Dichloroethane-d4		5.964	65	134005	60.501	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.000%	
32) Benzene-d6		5.983	84	381083	60.511	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.020%	
36) 1,2-Dichloropropane-d6		7.312	67	123815	60.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.200%#	
41) Toluene-d8		8.653	98	337559	56.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.720%	
43) trans-1,3-Dichloroprop...		8.952	79	52445	51.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.180%	
47) 2-Hexanone-d5		9.391	63	133054	127.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.750%	
56) 1,1,2,2-Tetrachloroeth...		11.195	84	161368	60.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.240%#	
66) 1,2-Dichlorobenzene-d4		12.323	152	111552	60.582	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.160%#	
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.374	62	15550	9.118	ug/L	96
17) trans-1,2-Dichloroethene		3.099	96	3680	2.300	ug/L #	88
20) cis-1,2-Dichloroethene		4.495	96	160990	89.443	ug/L	91
34) Trichloroethene		7.129	95	60189	29.481	ug/L	93
46) Tetrachloroethene		9.281	164	3782	2.931	ug/L	87

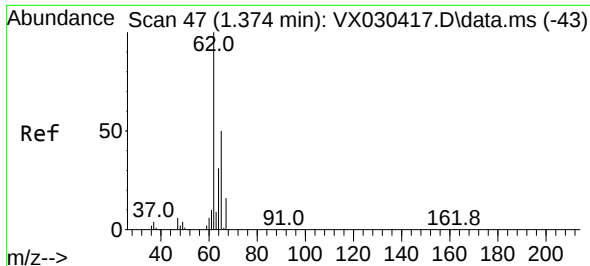
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
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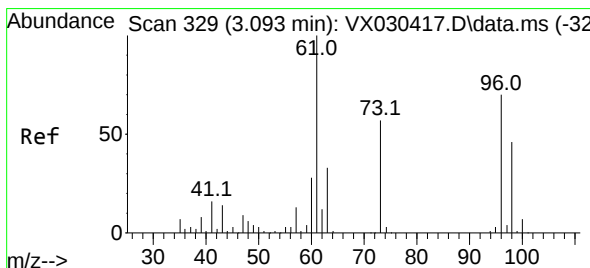
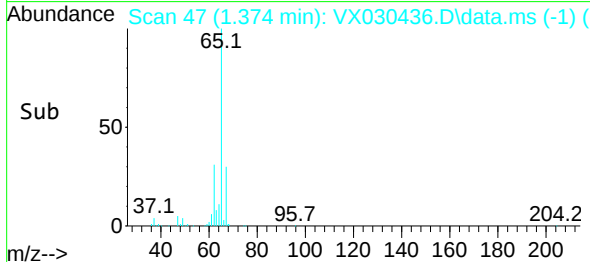
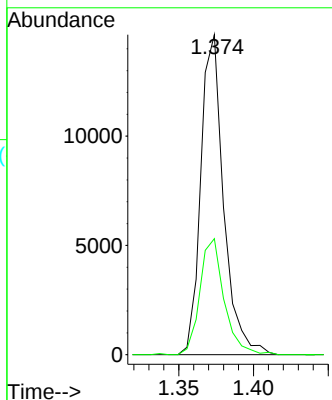
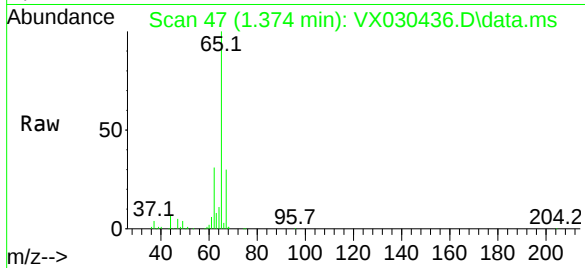




#5
 Vinyl chloride
 Concen: 9.118 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030436.D
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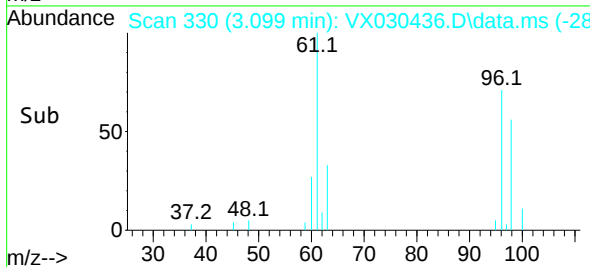
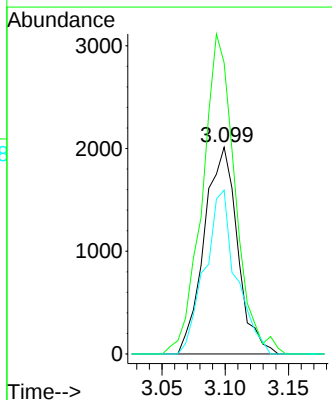
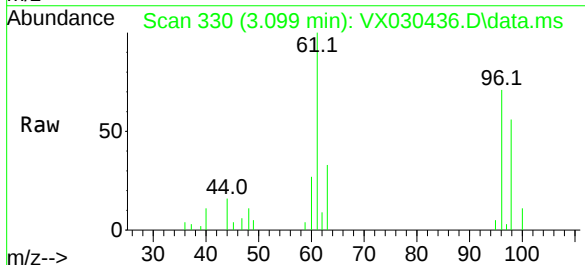
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D34DL

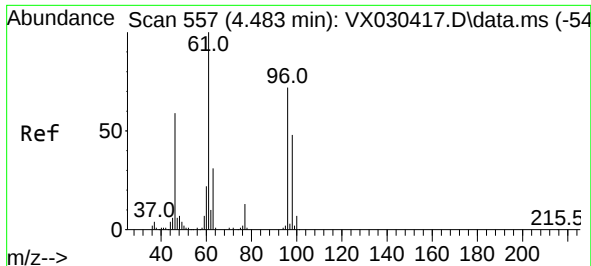
Tgt Ion: 62 Resp: 15550
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.300 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030436.D
 Acq: 05 Aug 2022 17:43

Tgt Ion: 96 Resp: 3680
 Ion Ratio Lower Upper
 96 100
 61 140.9 103.7 192.5
 98 79.3 41.5 77.1#

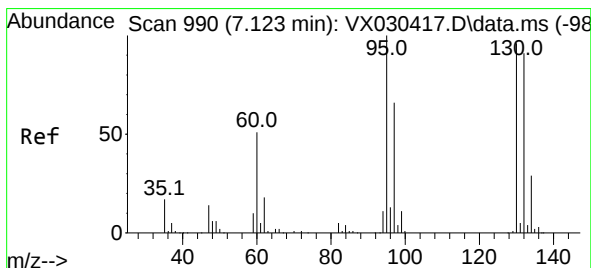
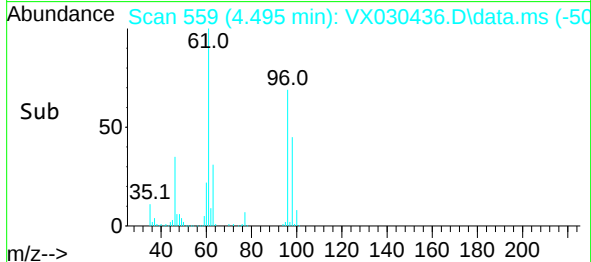
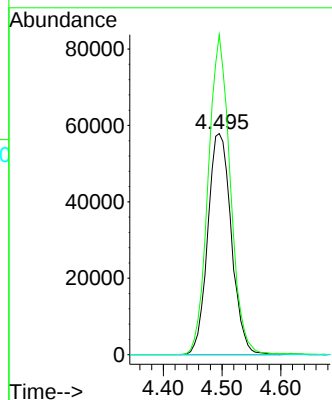
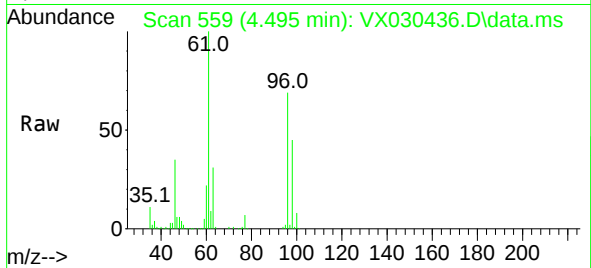




#20
cis-1,2-Dichloroethene
Concen: 89.443 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

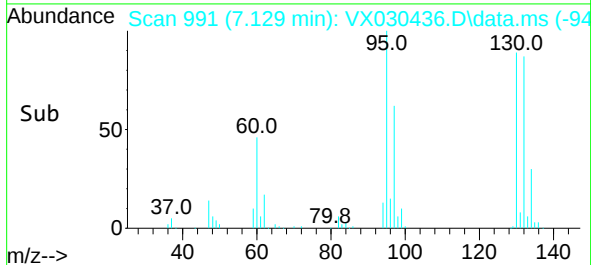
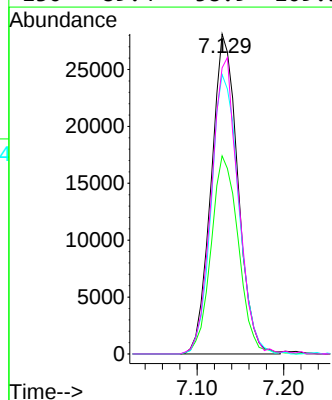
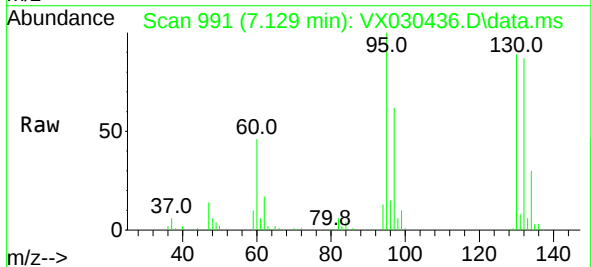
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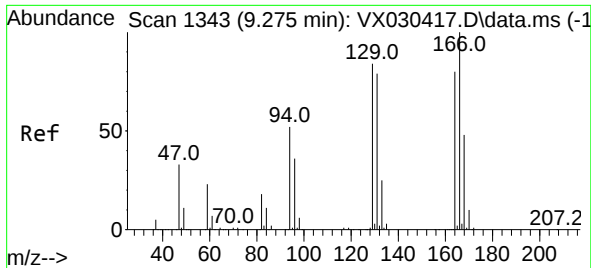
Tgt Ion: 96 Resp: 160990
Ion Ratio Lower Upper
96 100
61 144.7 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 29.481 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

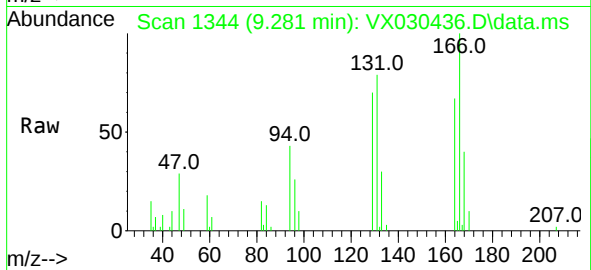
Tgt Ion: 95 Resp: 60189
Ion Ratio Lower Upper
95 100
97 61.9 40.2 74.6
132 87.3 55.3 102.7
130 89.4 58.9 109.5





#46
 Tetrachloroethene
 Concen: 2.931 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030436.D
 Acq: 05 Aug 2022 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D34DL



Tgt Ion:	164	Resp:	3782
Ion	Ratio	Lower	Upper
164	100		
129	103.5	72.7	135.1
131	117.3	69.9	129.9
166	148.7	88.3	164.1

