

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030434.D
 Acq On : 05 Aug 2022 16:56
 Operator : JC/MD
 Sample : N4003-21DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D92DL

Quant Time: Aug 06 00:58:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.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)

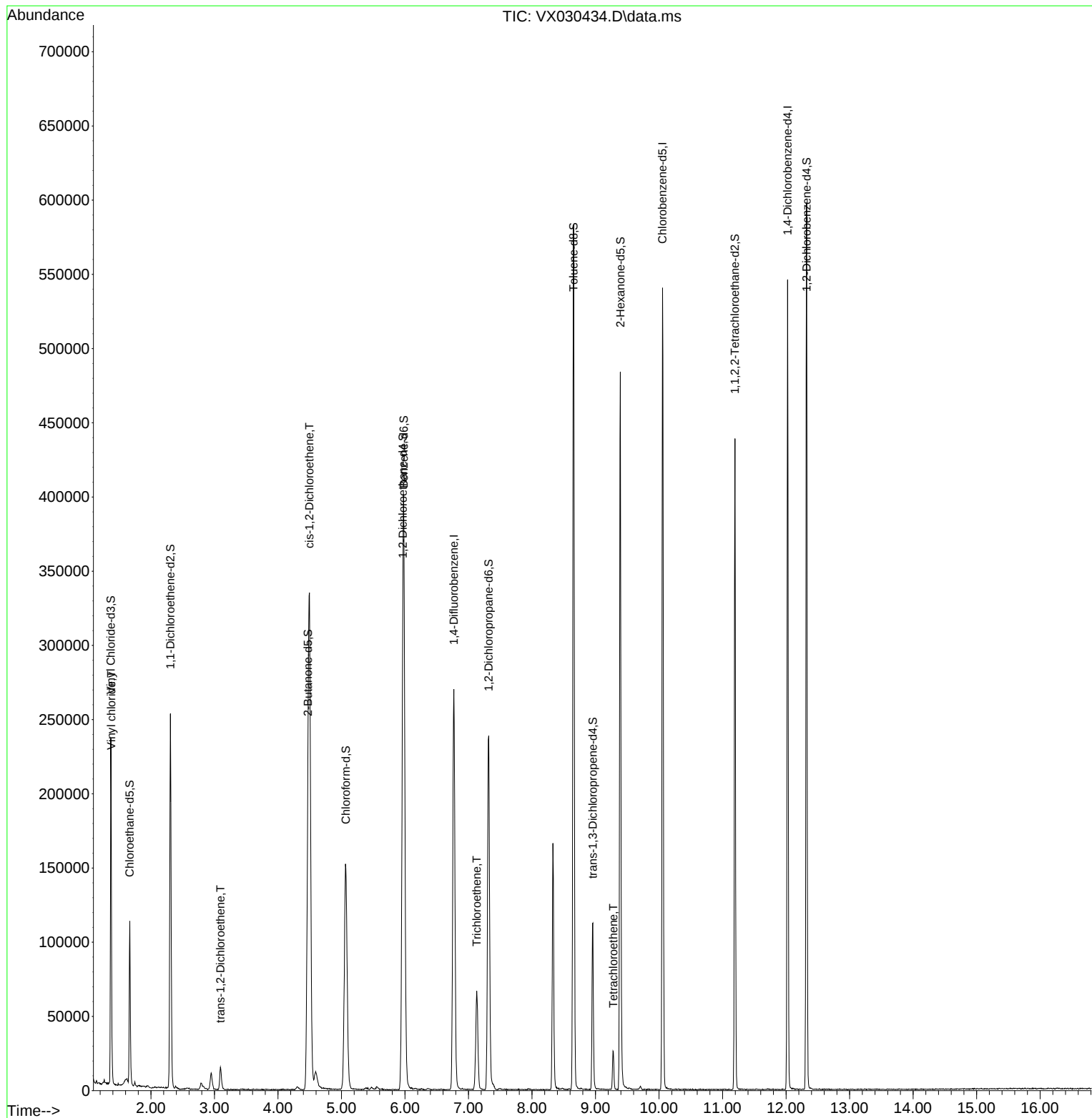
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	262514	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101907	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87050	51.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.280%
7) Chloroethane-d5	1.666	69	67692	56.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.920%
11) 1,1-Dichloroethene-d2	2.306	63	135602	42.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.040%
21) 2-Butanone-d5	4.471	46	196790	125.986	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.990%
24) Chloroform-d	5.068	84	189737	54.674	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.340%
26) 1,2-Dichloroethane-d4	5.964	65	133022	56.452	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.900%
32) Benzene-d6	5.983	84	372816	56.135	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.260%
36) 1,2-Dichloropropane-d6	7.318	67	122416	56.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.620%
41) Toluene-d8	8.653	98	334700	53.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.920%
43) trans-1,3-Dichloroprop...	8.958	79	51998	48.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.020%
47) 2-Hexanone-d5	9.390	63	131475	119.704	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.700%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	159396	56.310	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	112655	56.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	71729	39.536	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	4926	2.894	ug/L	89
20) cis-1,2-Dichloroethene	4.495	96	174356	91.054	ug/L	99
34) Trichloroethene	7.129	95	22846	10.611	ug/L	92
46) Tetrachloroethene	9.281	164	4597	3.378	ug/L	97

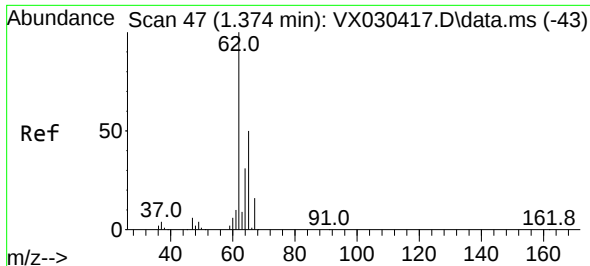
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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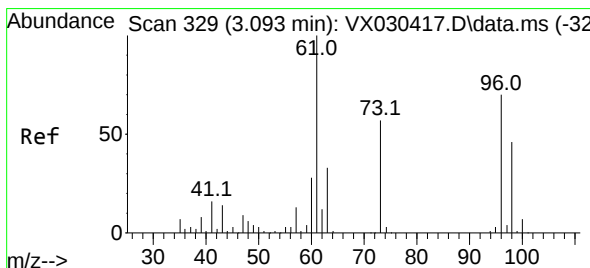
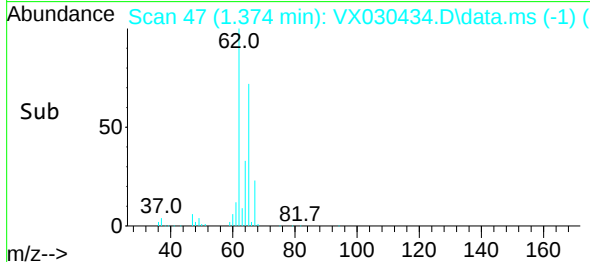
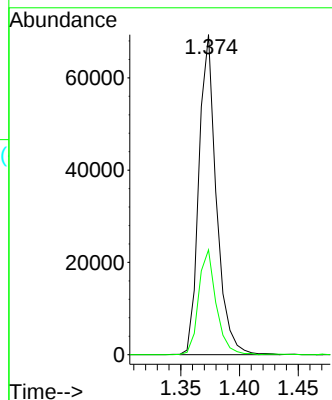
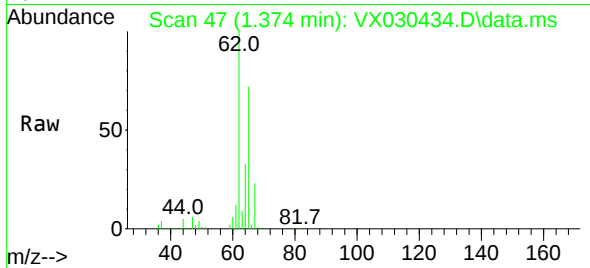




#5
 Vinyl chloride
 Concen: 39.536 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030434.D
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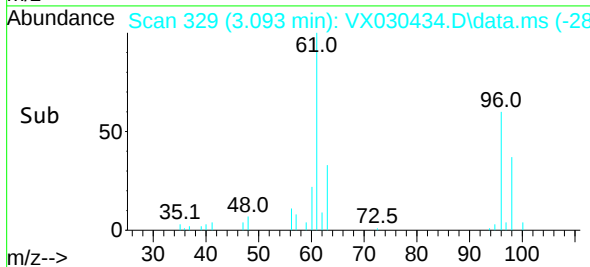
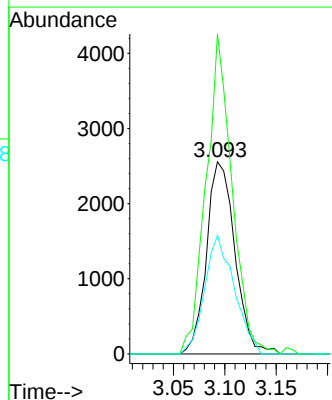
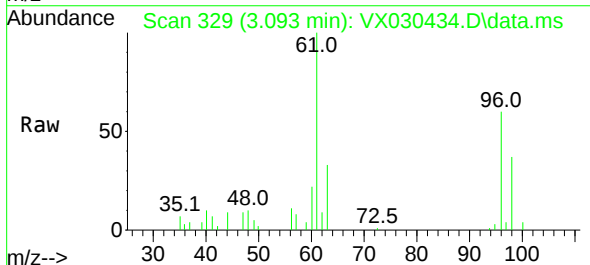
Instrument :
 MSVOA_X
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 F5D92DL

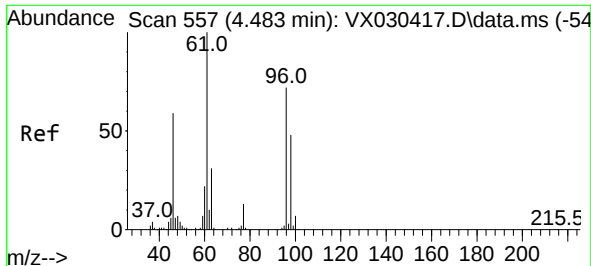
Tgt Ion: 62 Resp: 71729
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.894 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030434.D
 Acq: 05 Aug 2022 16:56

Tgt Ion: 96 Resp: 4926
 Ion Ratio Lower Upper
 96 100
 61 166.6 103.7 192.5
 98 61.7 41.5 77.1

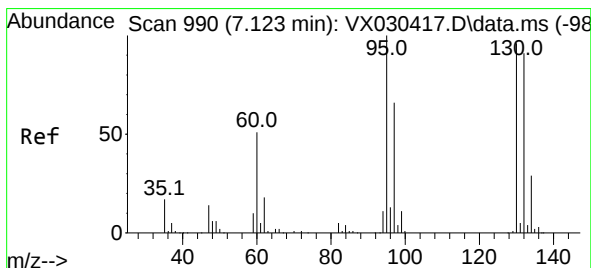
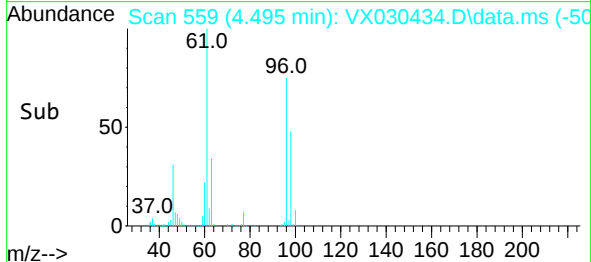
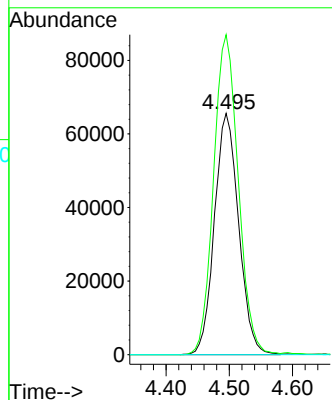
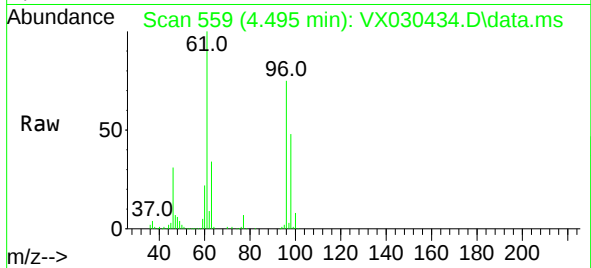




#20
cis-1,2-Dichloroethene
Concen: 91.054 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030434.D
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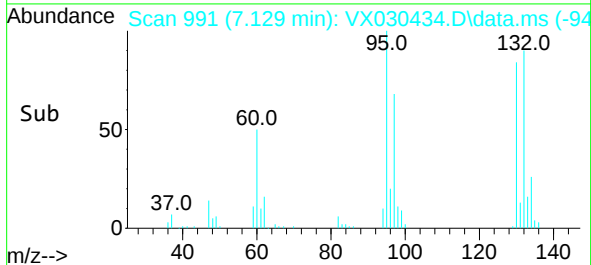
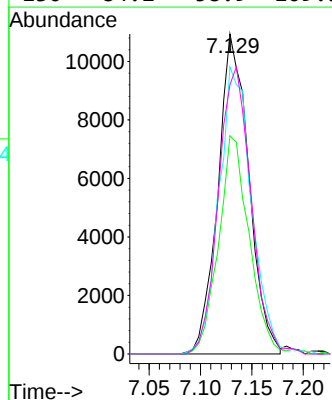
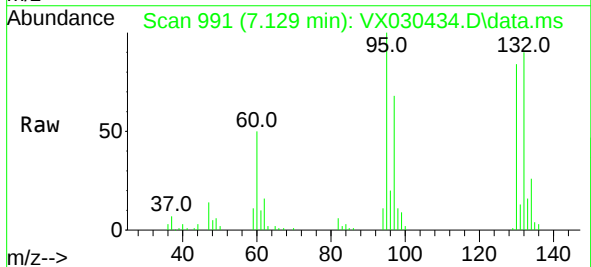
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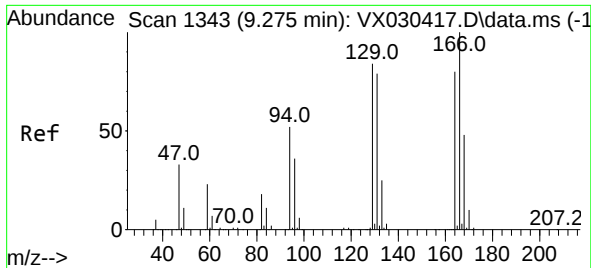
Tgt Ion: 96 Resp: 174356
Ion Ratio Lower Upper
96 100
61 132.6 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 10.611 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030434.D
Acq: 05 Aug 2022 16:56

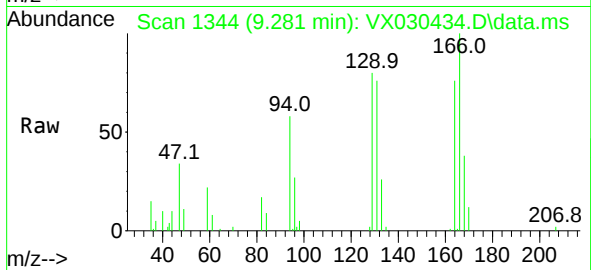
Tgt Ion: 95 Resp: 22846
Ion Ratio Lower Upper
95 100
97 68.2 40.2 74.6
132 89.7 55.3 102.7
130 84.2 58.9 109.5





#46
 Tetrachloroethene
 Concen: 3.378 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030434.D
 Acq: 05 Aug 2022 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D92DL



Tgt Ion:	164	Resp:	4597
Ion	Ratio	Lower	Upper
164	100		
129	106.2	72.7	135.1
131	100.4	69.9	129.9
166	132.0	88.3	164.1

