

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030548.D
 Acq On : 10 Aug 2022 13:36
 Operator : JC/MD
 Sample : N4114-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45DL

Quant Time: Aug 10 17:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

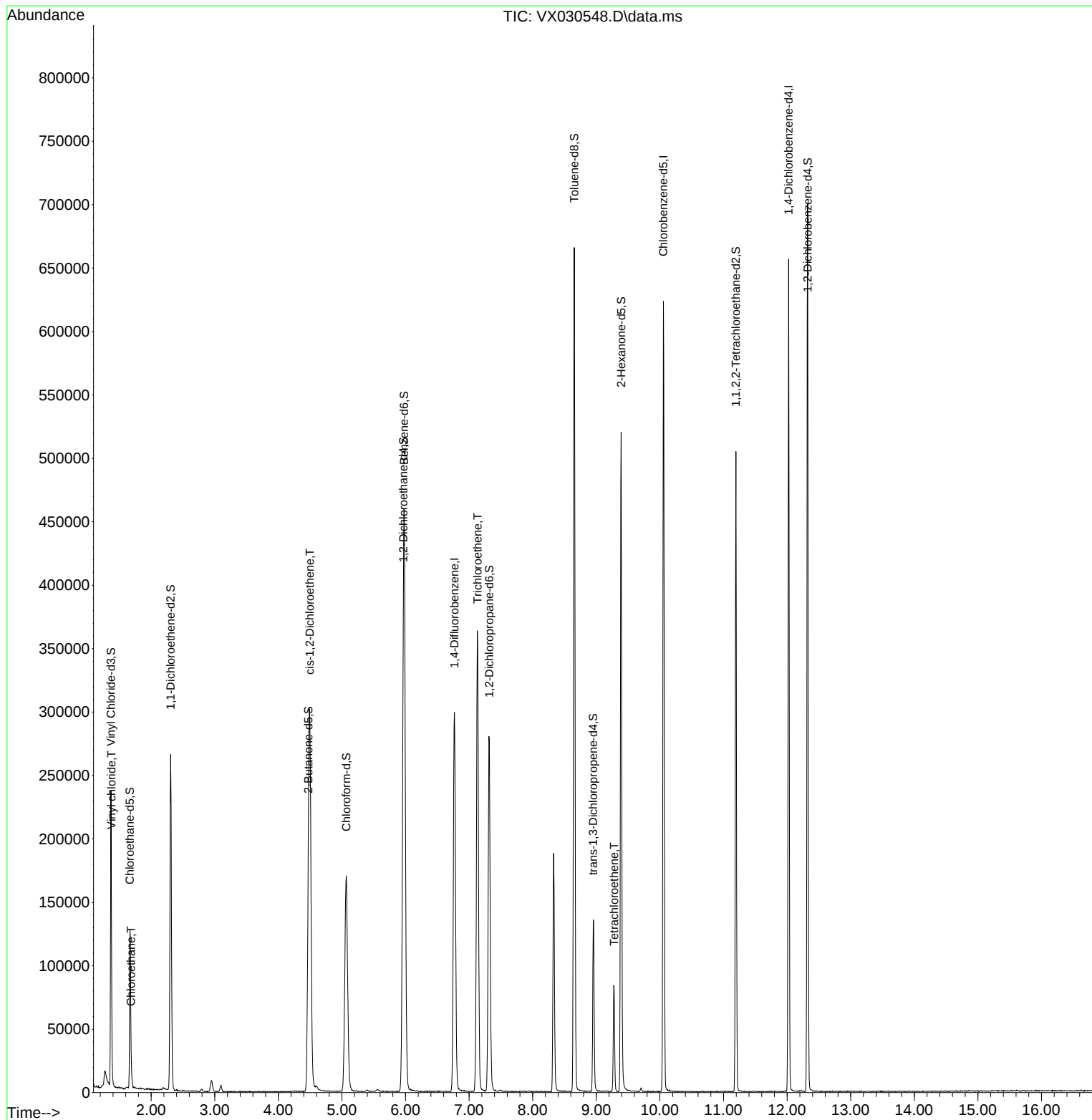
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	291070	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262054	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102111	54.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.260%			
7) Chloroethane-d5	1.666	69	78138	59.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.600%			
11) 1,1-Dichloroethene-d2	2.306	63	153643	43.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.900%			
21) 2-Butanone-d5	4.471	46	209855	121.170	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.170%			
24) Chloroform-d	5.068	84	210066	54.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.180%			
26) 1,2-Dichloroethane-d4	5.964	65	152106	58.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.440%			
32) Benzene-d6	5.976	84	420128	55.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.940%			
36) 1,2-Dichloropropane-d6	7.318	67	139557	57.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.600%			
41) Toluene-d8	8.653	98	381708	53.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.900%			
43) trans-1,3-Dichloroprop...	8.952	79	63403	52.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.660%			
47) 2-Hexanone-d5	9.390	63	141274	113.804	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.800%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	184318	57.611	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.220%			
66) 1,2-Dichlorobenzene-d4	12.323	152	128478	56.191	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.380%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	52302	26.000	ug/L	100
8) Chloroethane	1.685	64	3163	2.760	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	137557	64.789	ug/L	97
34) Trichloroethene	7.135	95	134330	55.202	ug/L	87
46) Tetrachloroethene	9.281	164	14370	9.344	ug/L	90

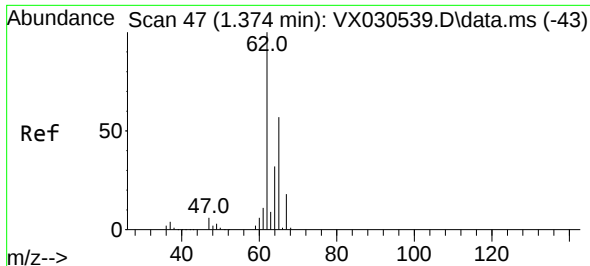
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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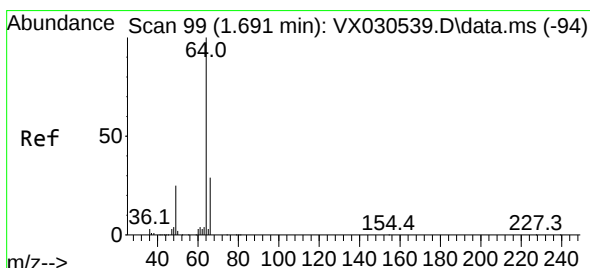
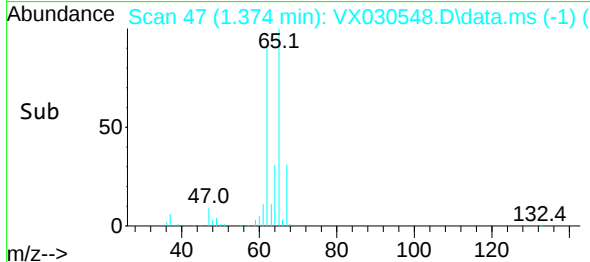
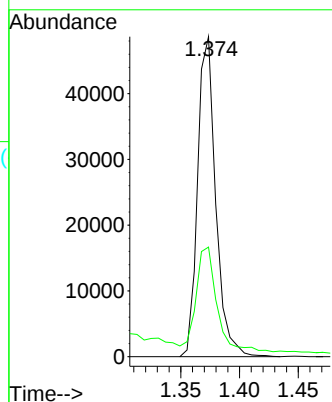
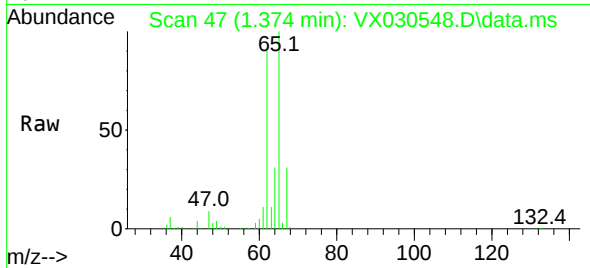




#5
 Vinyl chloride
 Concen: 26.000 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030548.D
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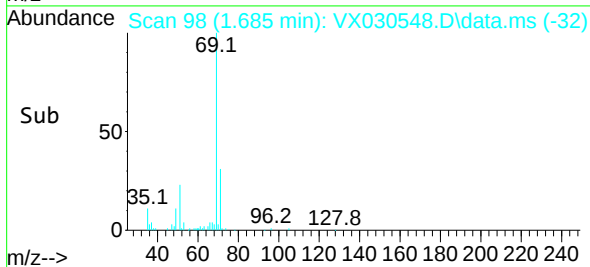
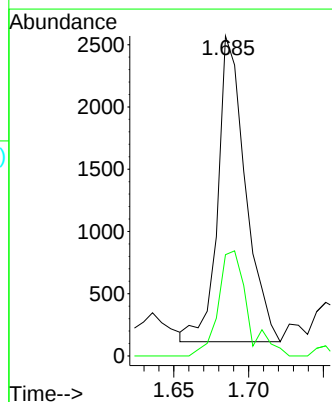
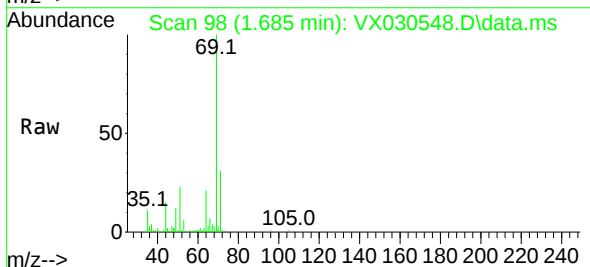
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45DL

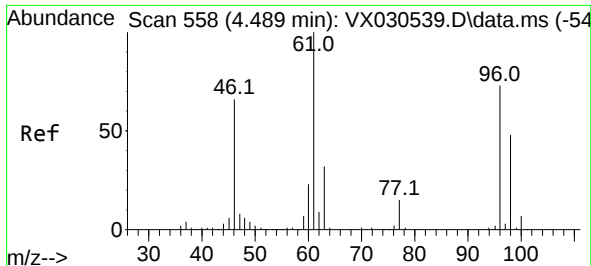
Tgt Ion: 62 Resp: 52302
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.8 44.2



#8
 Chloroethane
 Concen: 2.760 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030548.D
 Acq: 10 Aug 2022 13:36

Tgt Ion: 64 Resp: 3163
 Ion Ratio Lower Upper
 64 100
 66 31.7 22.1 41.1

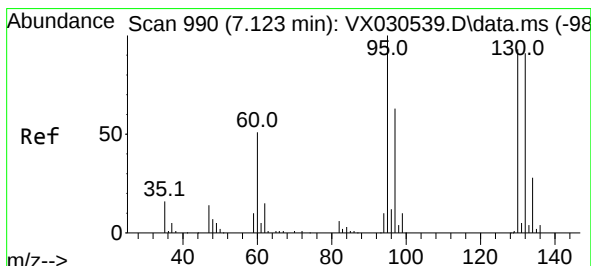
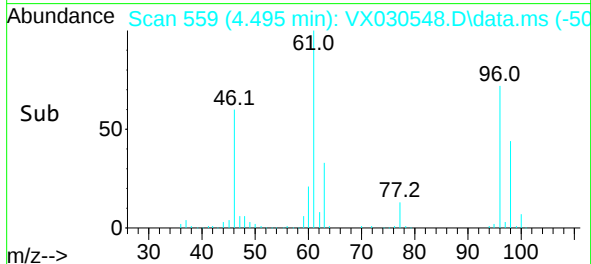
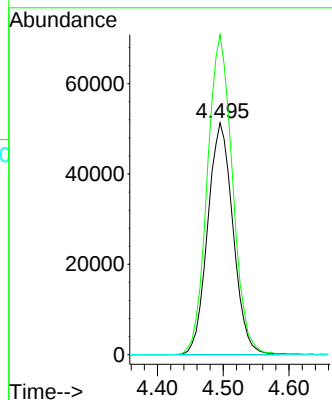
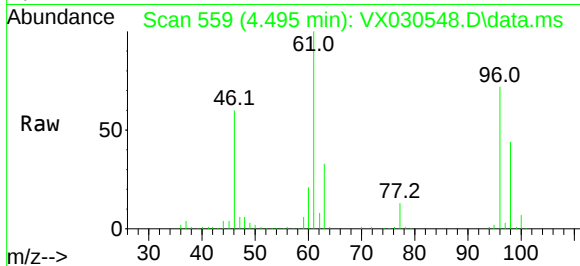




#20
cis-1,2-Dichloroethene
Concen: 64.789 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

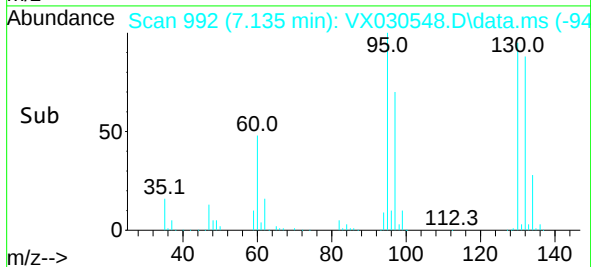
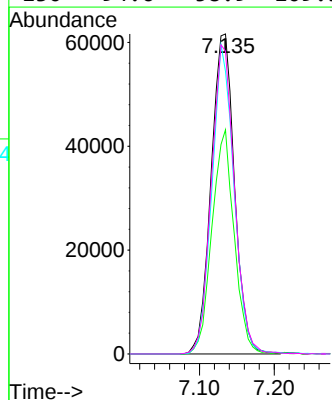
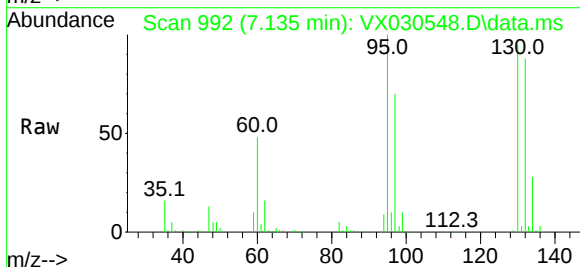
Instrument :
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ClientSampleId :
F5D45DL

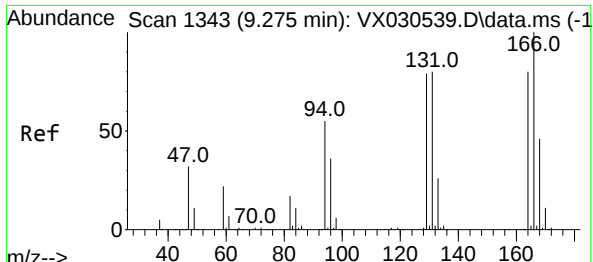
Tgt Ion: 96 Resp: 137557
Ion Ratio Lower Upper
96 100
61 138.0 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 55.202 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

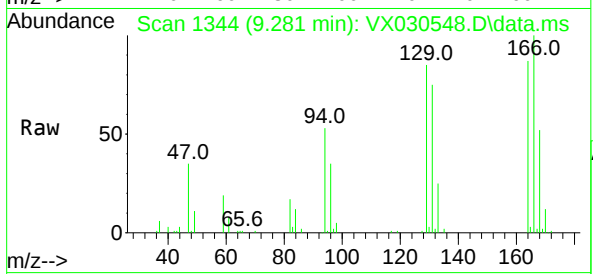
Tgt Ion: 95 Resp: 134330
Ion Ratio Lower Upper
95 100
97 70.0 40.2 74.6
132 88.3 55.3 102.7
130 94.6 58.9 109.5





#46
 Tetrachloroethene
 Concen: 9.344 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030548.D
 Acq: 10 Aug 2022 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45DL



Tgt Ion:	164	Resp:	14370
Ion	Ratio	Lower	Upper
164	100		
129	96.8	72.7	135.1
131	85.6	69.9	129.9
166	114.5	88.3	164.1

