

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030679.D
 Acq On : 18 Aug 2022 12:47
 Operator : JC/MD
 Sample : N4221-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

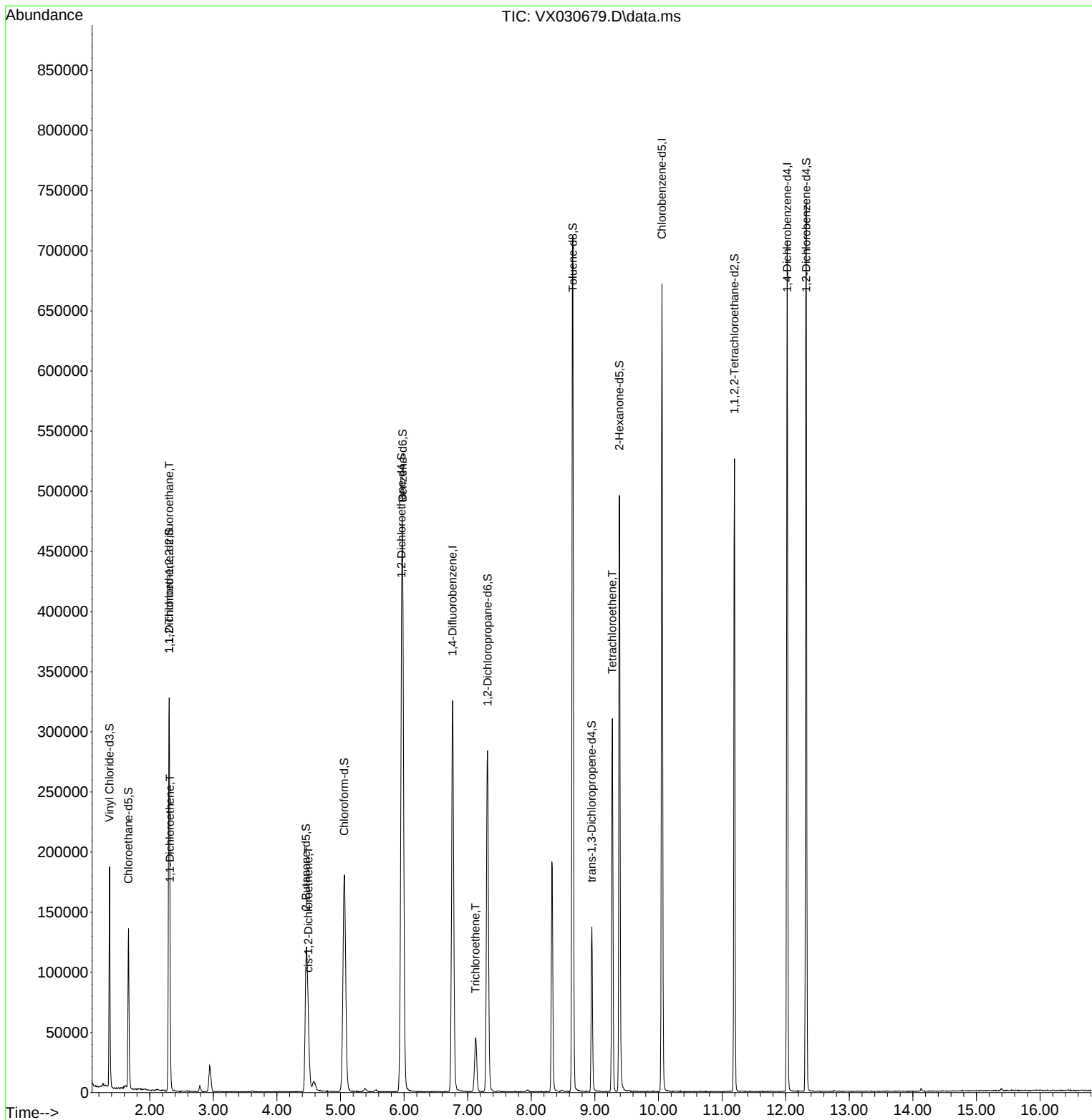
Quant Time: Aug 18 14:44:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

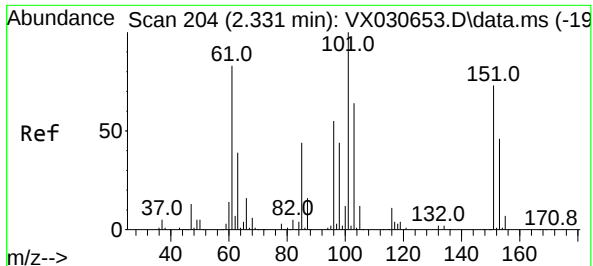
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	332206	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	303471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	137220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117039	54.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.720%
7) Chloroethane-d5	1.666	69	89191	59.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.620%
11) 1,1-Dichloroethene-d2	2.306	63	180610	44.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.520%
21) 2-Butanone-d5	4.458	46	195122	98.712	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.710%
24) Chloroform-d	5.056	84	232465	52.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.860%
26) 1,2-Dichloroethane-d4	5.958	65	145535	48.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	5.976	84	491953	56.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.180%
36) 1,2-Dichloropropane-d6	7.312	67	160157	56.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.580%
41) Toluene-d8	8.653	98	440928	53.811	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.620%
43) trans-1,3-Dichloroprop...	8.952	79	66983	47.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	9.384	63	145813	101.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.430%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	204657	55.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.480%
66) 1,2-Dichlorobenzene-d4	12.323	152	149723	56.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.500%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1786	0.885	ug/L #	22
12) 1,1-Dichloroethene	2.319	96	4233	2.277	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	21057	8.690	ug/L	94
34) Trichloroethene	7.123	95	15735	5.584	ug/L	87
46) Tetrachloroethene	9.275	164	54356	30.520	ug/L	98

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

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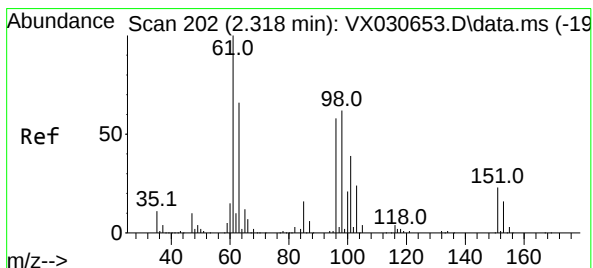
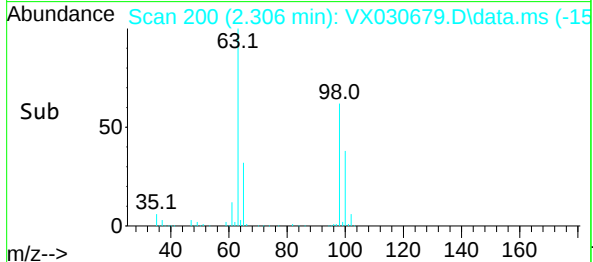
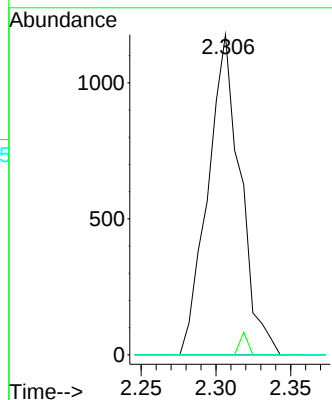
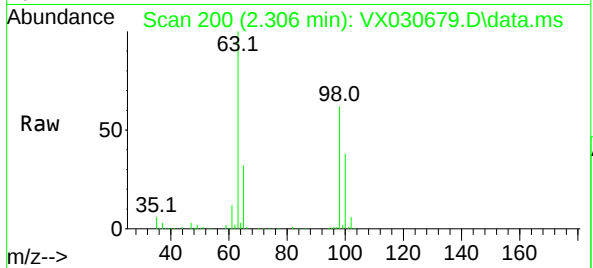




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.885 ug/L
 RT: 2.306 min Scan# 204
 Delta R.T. -0.024 min
 Lab File: VX030679.D
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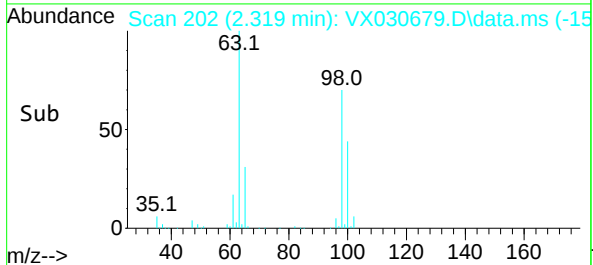
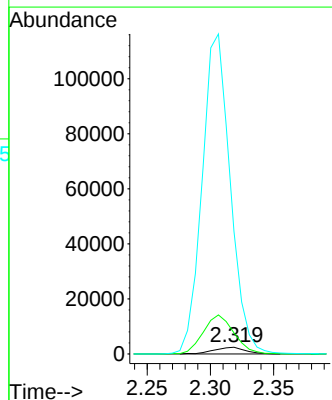
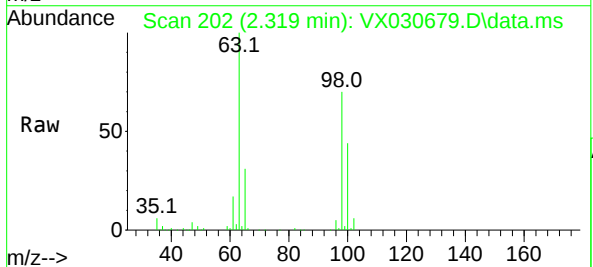
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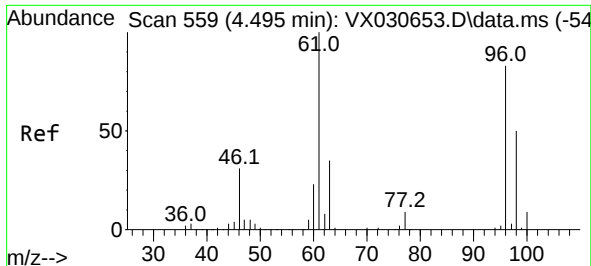
Tgt Ion:101 Resp: 1786
 Ion Ratio Lower Upper
 101 100
 85 2.3 35.3 52.9#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 2.277 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030679.D
 Acq: 18 Aug 2022 12:47

Tgt Ion: 96 Resp: 4233
 Ion Ratio Lower Upper
 96 100
 61 317.5 130.2 241.8#
 63 1838.9 113.5 210.9#

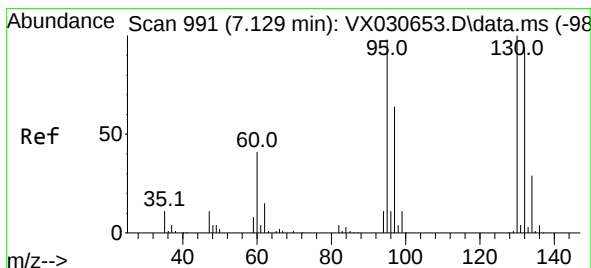
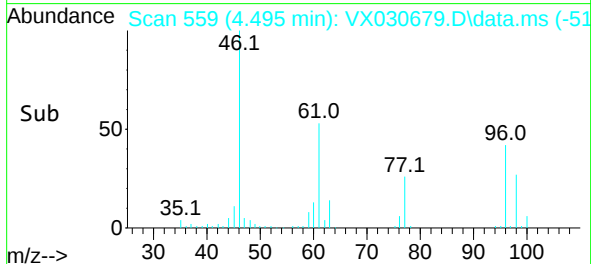
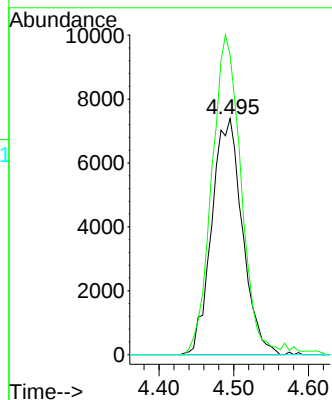
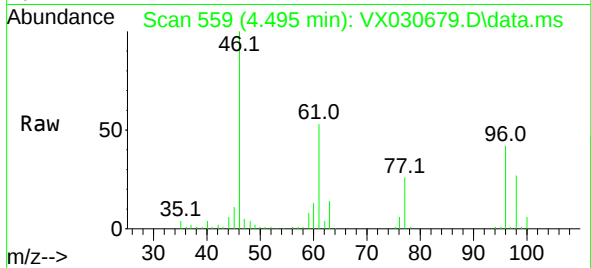




#20
cis-1,2-Dichloroethene
Concen: 8.690 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030679.D
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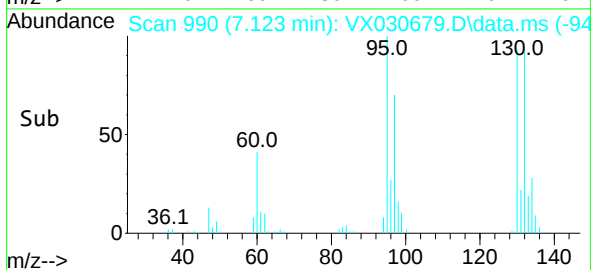
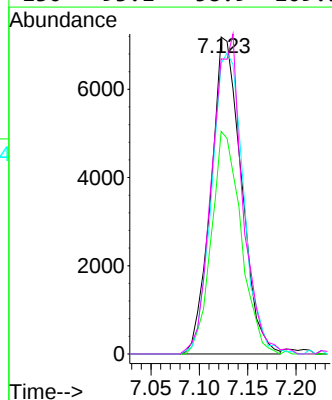
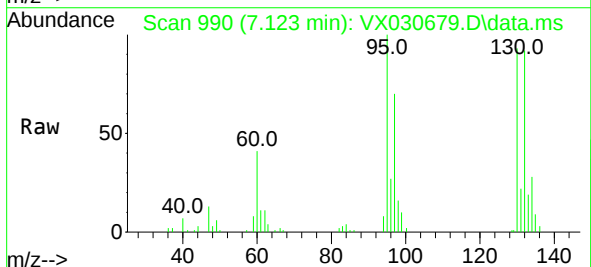
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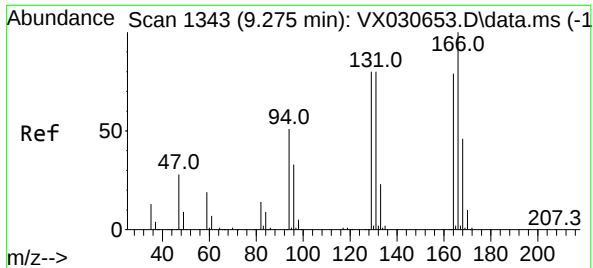
Tgt Ion: 96 Resp: 21057
Ion Ratio Lower Upper
96 100
61 126.8 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 5.584 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX030679.D
Acq: 18 Aug 2022 12:47

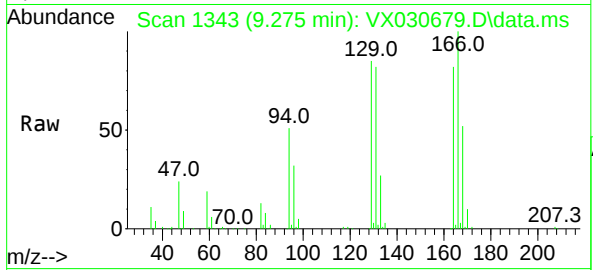
Tgt Ion: 95 Resp: 15735
Ion Ratio Lower Upper
95 100
97 70.2 40.2 74.6
132 91.7 55.3 102.7
130 93.1 58.9 109.5





#46
 Tetrachloroethene
 Concen: 30.520 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030679.D
 Acq: 18 Aug 2022 12:47

Instrument :
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Tgt Ion:	164	Resp:	54356
Ion	Ratio	Lower	Upper
164	100		
129	103.6	72.7	135.1
131	100.1	69.9	129.9
166	121.8	88.3	164.1

