

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030697.D
 Acq On : 19 Aug 2022 11:35
 Operator : JC/MD
 Sample : N4221-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN8DL

Quant Time: Aug 20 02:13:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

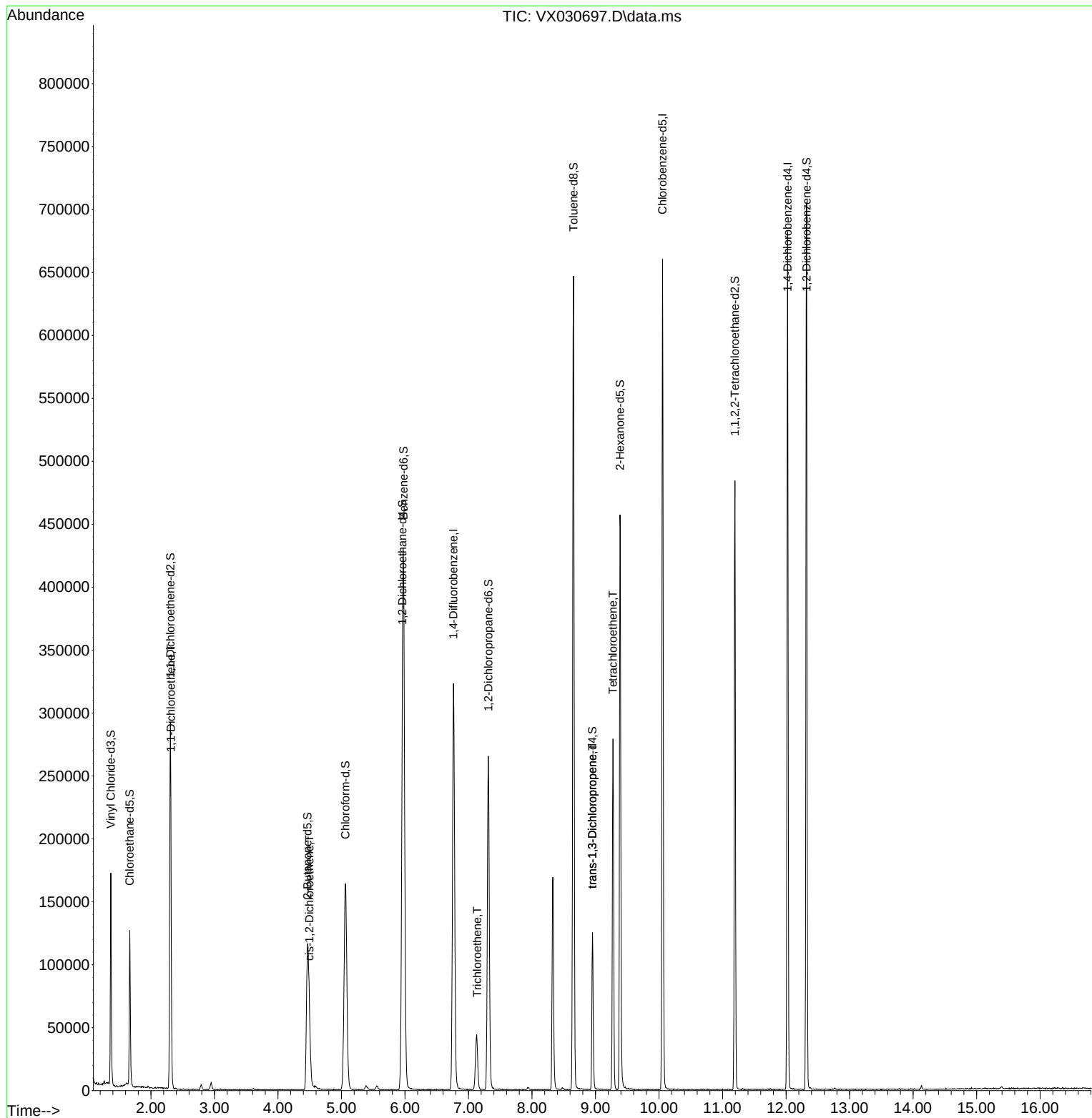
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	334000	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104674	48.802	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.600%	
7) Chloroethane-d5	1.666	69	77595	51.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	102.640%	
11) 1,1-Dichloroethene-d2	2.306	63	158743	39.126	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.260%	
21) 2-Butanone-d5	4.464	46	186907	94.048	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.050%	
24) Chloroform-d	5.062	84	216010	48.923	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.840%	
26) 1,2-Dichloroethane-d4	5.958	65	134478	44.856	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.720%	
32) Benzene-d6	5.976	84	444996	51.011	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.020%	
36) 1,2-Dichloropropane-d6	7.311	67	148447	52.449	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.900%	
41) Toluene-d8	8.653	98	395103	48.049	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.100%	
43) trans-1,3-Dichloroprop...	8.951	79	62254	44.214	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.420%	
47) 2-Hexanone-d5	9.384	63	139722	96.850	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.850%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197870	53.218	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	106.440%	
66) 1,2-Dichlorobenzene-d4	12.323	152	140185	52.232	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.460%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	3611	1.932	ug/L	# 1
20) cis-1,2-Dichloroethene	4.495	96	20591	8.452	ug/L	83
34) Trichloroethene	7.135	95	15165	5.362	ug/L	83
44) trans-1,3-Dichloropropene	8.951	75	2698	0.712	ug/L	93
46) Tetrachloroethene	9.274	164	50361	28.178	ug/L	99

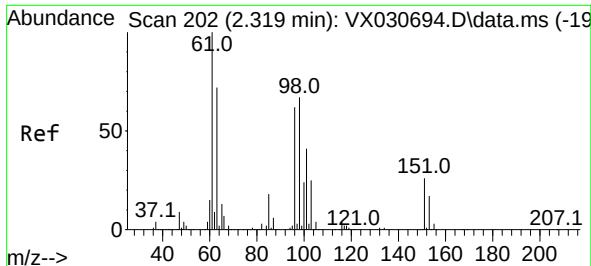
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 20 02:12:38 2022
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#12

1,1-Dichloroethene

Concen: 1.932 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030697.D

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Instrument :

MSVOA_X

ClientSampleId :

C0KN8DL

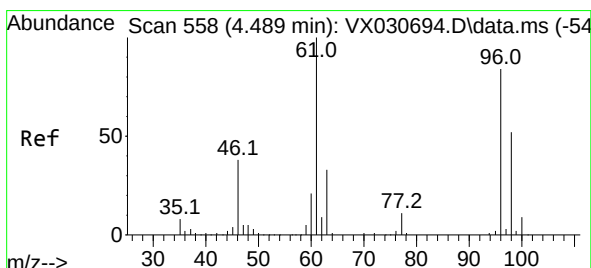
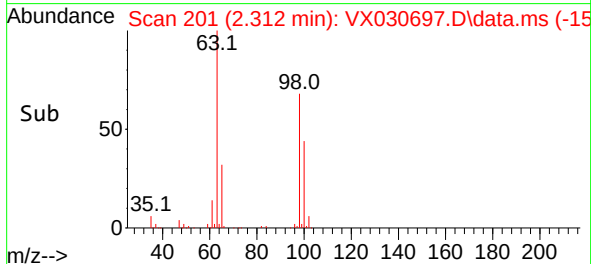
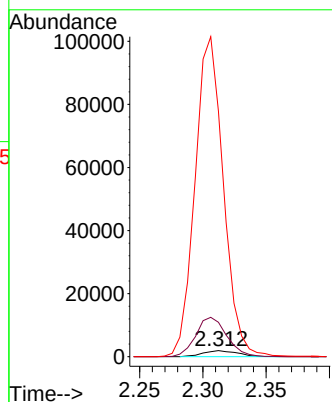
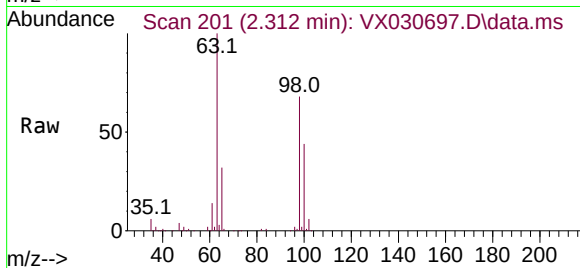
Tgt Ion: 96 Resp: 3611

Ion Ratio Lower Upper

96 100

61 564.7 130.2 241.8#

63 4035.3 113.5 210.9#



#20

cis-1,2-Dichloroethene

Concen: 8.452 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

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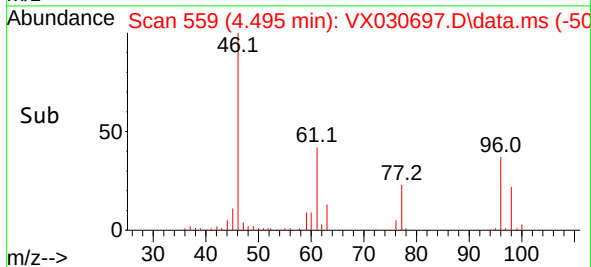
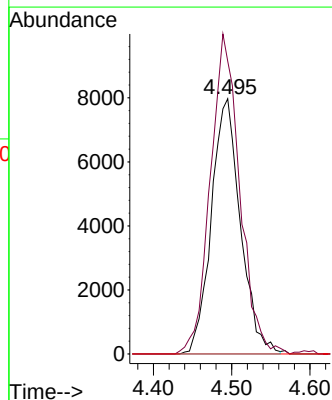
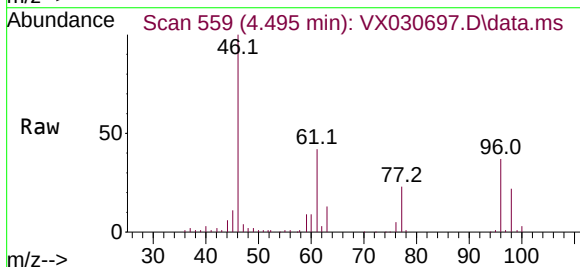
Tgt Ion: 96 Resp: 20591

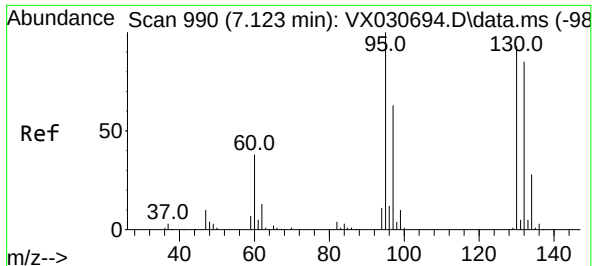
Ion Ratio Lower Upper

96 100

61 114.7 94.0 174.6

68 0.0 0.0 0.0

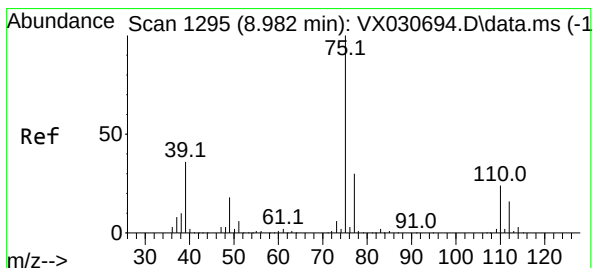
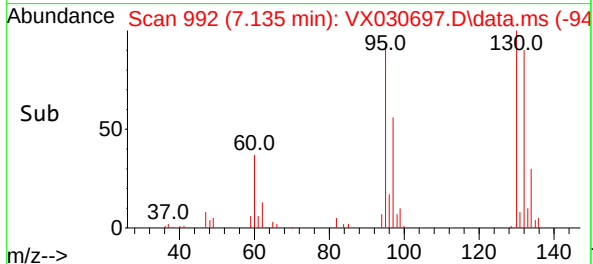
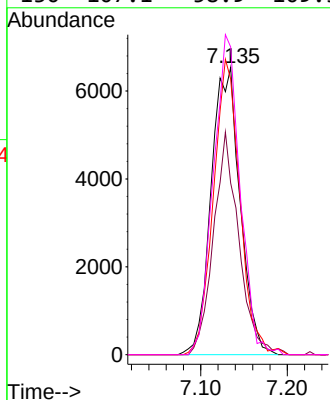
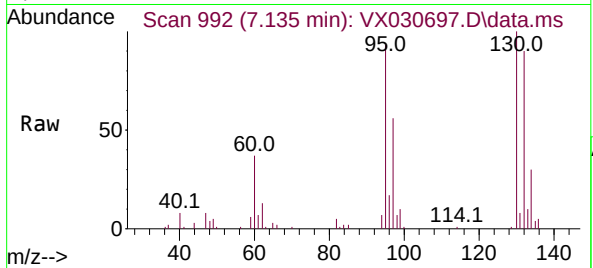




#34
Trichloroethene
Concen: 5.362 ug/L
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX030697.D
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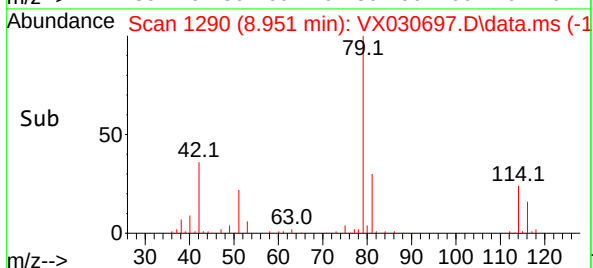
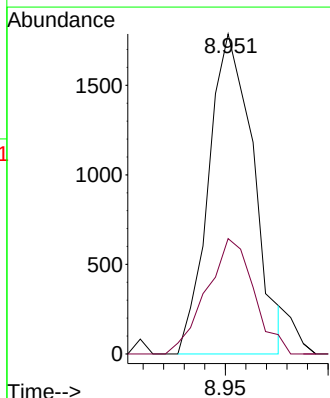
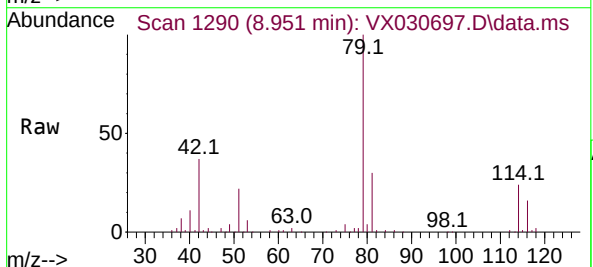
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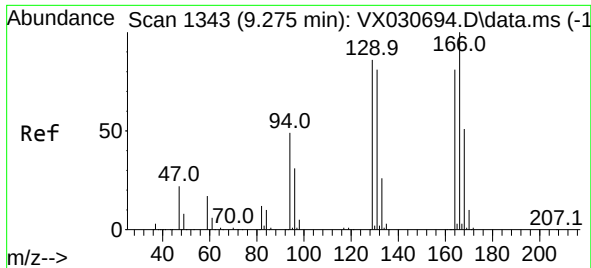
Tgt Ion:	95	Resp:	15165
Ion	Ratio	Lower	Upper
95	100		
97	59.7	40.2	74.6
132	96.0	55.3	102.7
130	107.1	58.9	109.5



#44
trans-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX030697.D
Acq: 19 Aug 2022 11:35

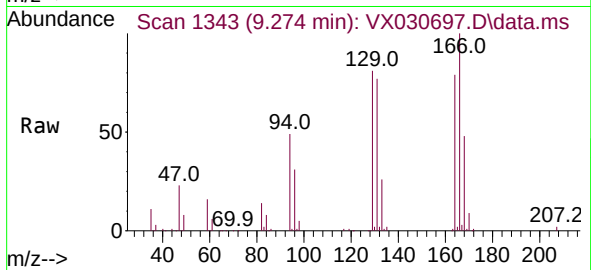
Tgt Ion:	75	Resp:	2698
Ion	Ratio	Lower	Upper
75	100		
77	36.0	22.5	41.7





#46
 Tetrachloroethene
 Concen: 28.178 ug/L
 RT: 9.274 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030697.D
 Acq: 19 Aug 2022 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN8DL



Tgt Ion:	164	Resp:	50361
Ion	Ratio	Lower	Upper
164	100		
129	102.6	72.7	135.1
131	97.3	69.9	129.9
166	126.2	88.3	164.1

