

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025968.D
 Acq On : 21 Dec 2021 19:38
 Operator : JC/MD
 Sample : M5126-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0J26

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 22 05:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	196787	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48600	30.633	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.260%		
7) Chloroethane-d5	1.666	69	46137	34.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.640%#		
11) 1,1-Dichloroethene-d2	2.306	63	73675	26.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.480%#		
21) 2-Butanone-d5	4.458	46	82182	71.805	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	71.800%		
24) Chloroform-d	5.062	84	103295	33.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.940%#		
26) 1,2-Dichloroethane-d4	5.964	65	73209	36.909	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.820%		
32) Benzene-d6	5.976	84	205182	49.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.240%		
36) 1,2-Dichloropropane-d6	7.312	67	82730	65.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	131.380%#		
41) Toluene-d8	8.653	98	286523	72.979	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	145.960%#		
43) trans-1,3-Dichloroprop...	8.952	79	35936	64.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	129.260%#		
47) 2-Hexanone-d5	9.384	63	86758	153.247	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	153.250%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	86005	48.205	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.420%		
66) 1,2-Dichlorobenzene-d4	12.323	152	59130	48.454	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.900%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2998	2.433	ug/L #	1
30) 1,1,1-Trichloroethane	5.385	97	2163m	1.291	ug/L	
34) Trichloroethene	7.129	95	6973	6.243	ug/L	94
42) Toluene	8.720	91	4355	0.935	ug/L	95

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

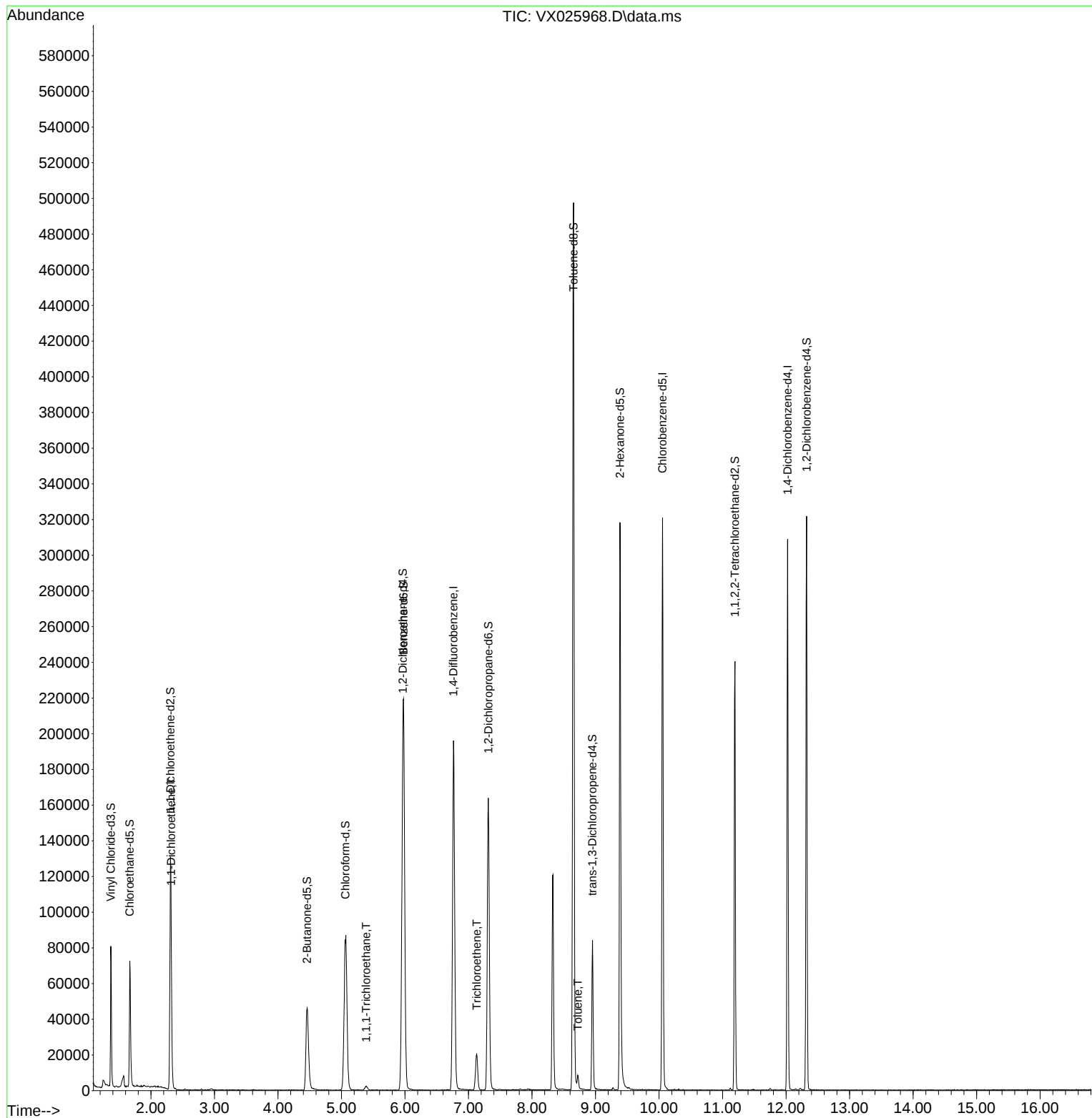
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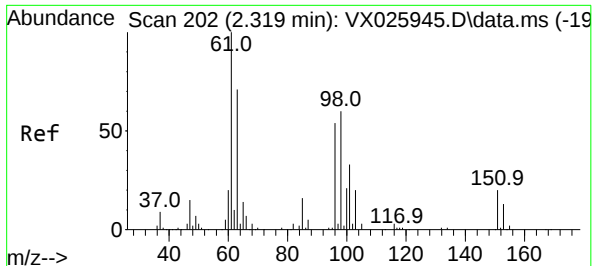
Instrument :
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#12

1,1-Dichloroethene

Concen: 2.433 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025968.D

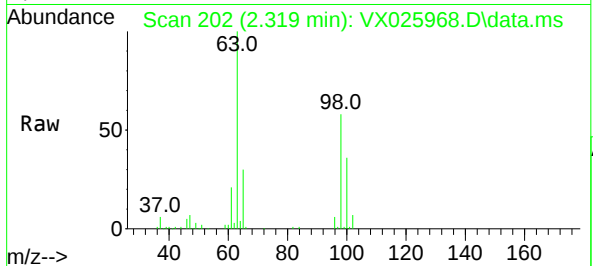
Acq: 21 Dec 2021 19:38

Instrument :

MSVOA_X

ClientSampleId :

C0J26



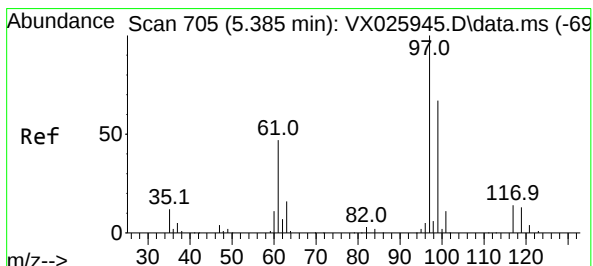
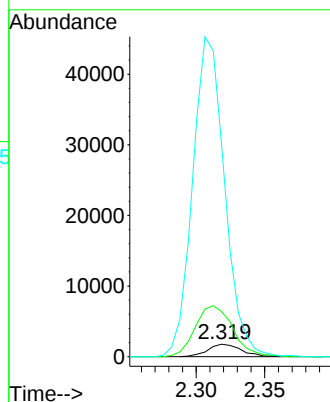
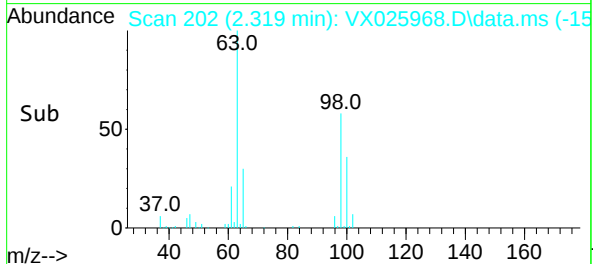
Tgt Ion:	96	Resp:	299
Ion	Ratio	Lower	Upper
96	100		
61	362.5	108.7	201.9
63	1700.6	76.3	141.7

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#30

1,1,1-Trichloroethane

Concen: 1.291 ug/L m

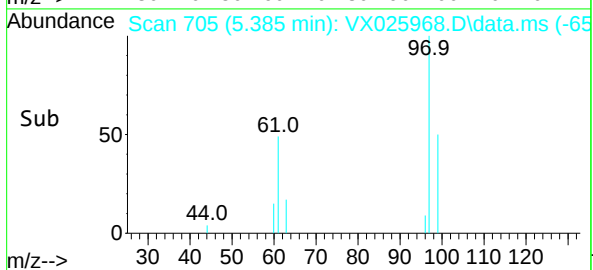
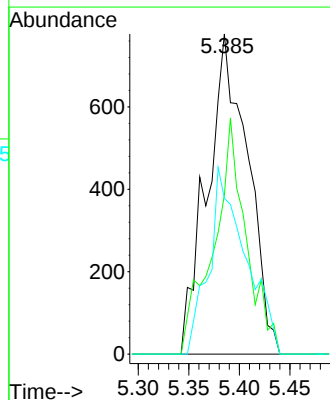
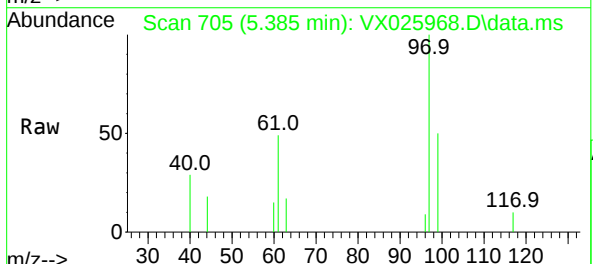
RT: 5.385 min Scan# 705

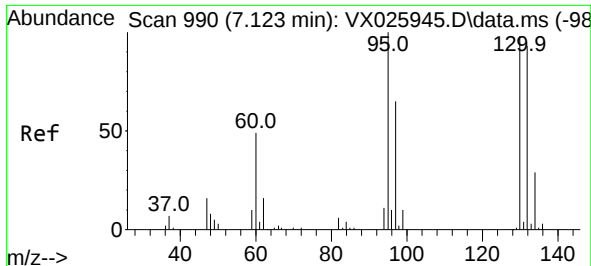
Delta R.T. 0.000 min

Lab File: VX025968.D

Acq: 21 Dec 2021 19:38

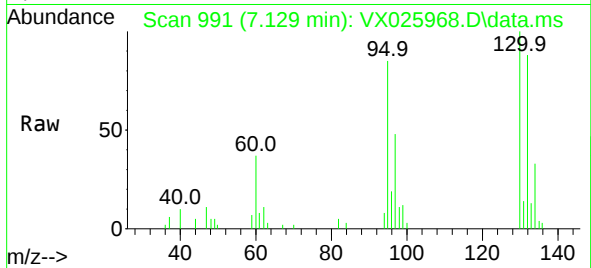
Tgt Ion:	97	Resp:	2163
Ion	Ratio	Lower	Upper
97	100		
99	52.3	51.5	77.3
61	45.7	33.1	49.7





#34
Trichloroethene
Concen: 6.243 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
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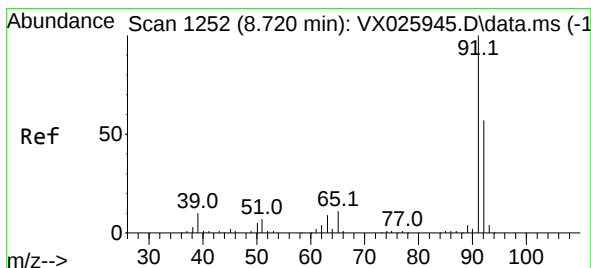
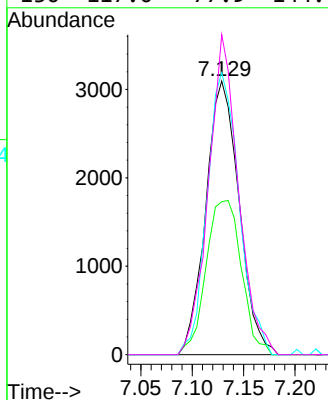
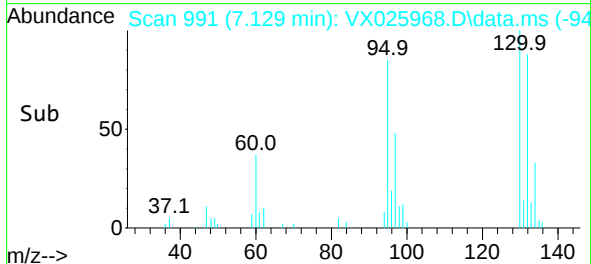
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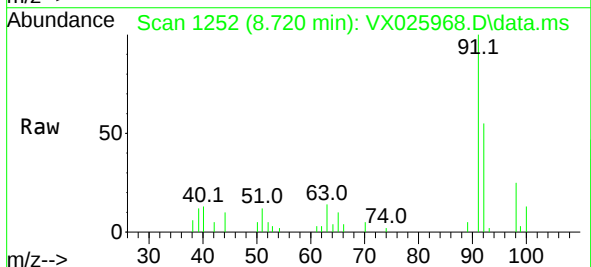
Tgt Ion: 95 Resp: 697
Ion Ratio Lower Upper
95 100
97 55.9 46.0 85.4
132 103.1 75.0 139.2
130 117.0 77.9 144.7

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#42
Toluene
Concen: 0.935 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025968.D
Acq: 21 Dec 2021 19:38



Tgt Ion: 91 Resp: 4355
Ion Ratio Lower Upper
91 100
92 55.1 41.2 76.6

