

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025721.D
 Acq On : 10 Dec 2021 23:04
 Operator : JC/MD
 Sample : M4981-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CP4

Quant Time: Dec 11 01:05:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2021
 Supervised By :Mahesh Dadoda 12/11/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	97136	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	38729	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27099	40.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.760%		
7) Chloroethane-d5	1.666	69	23701	43.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.640%		
11) 1,1-Dichloroethene-d2	2.306	63	40567	38.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.760%		
21) 2-Butanone-d5	4.458	46	45441	92.085	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.090%		
24) Chloroform-d	5.062	84	55213	47.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
26) 1,2-Dichloroethane-d4	5.964	65	36998	51.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.460%		
32) Benzene-d6	5.976	84	111975	46.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
36) 1,2-Dichloropropane-d6	7.312	67	33880	45.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.900%		
41) Toluene-d8	8.653	98	102465	45.091	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.180%		
43) trans-1,3-Dichloroprop...	8.951	79	15643	41.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
47) 2-Hexanone-d5	9.384	63	32184	82.947	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.950%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48140	45.697	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.323	152	36322	47.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	1172	2.247	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	1055m	1.594	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	819	0.817	ug/L #	60
34) Trichloroethene	7.129	95	4052	6.348	ug/L	94

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

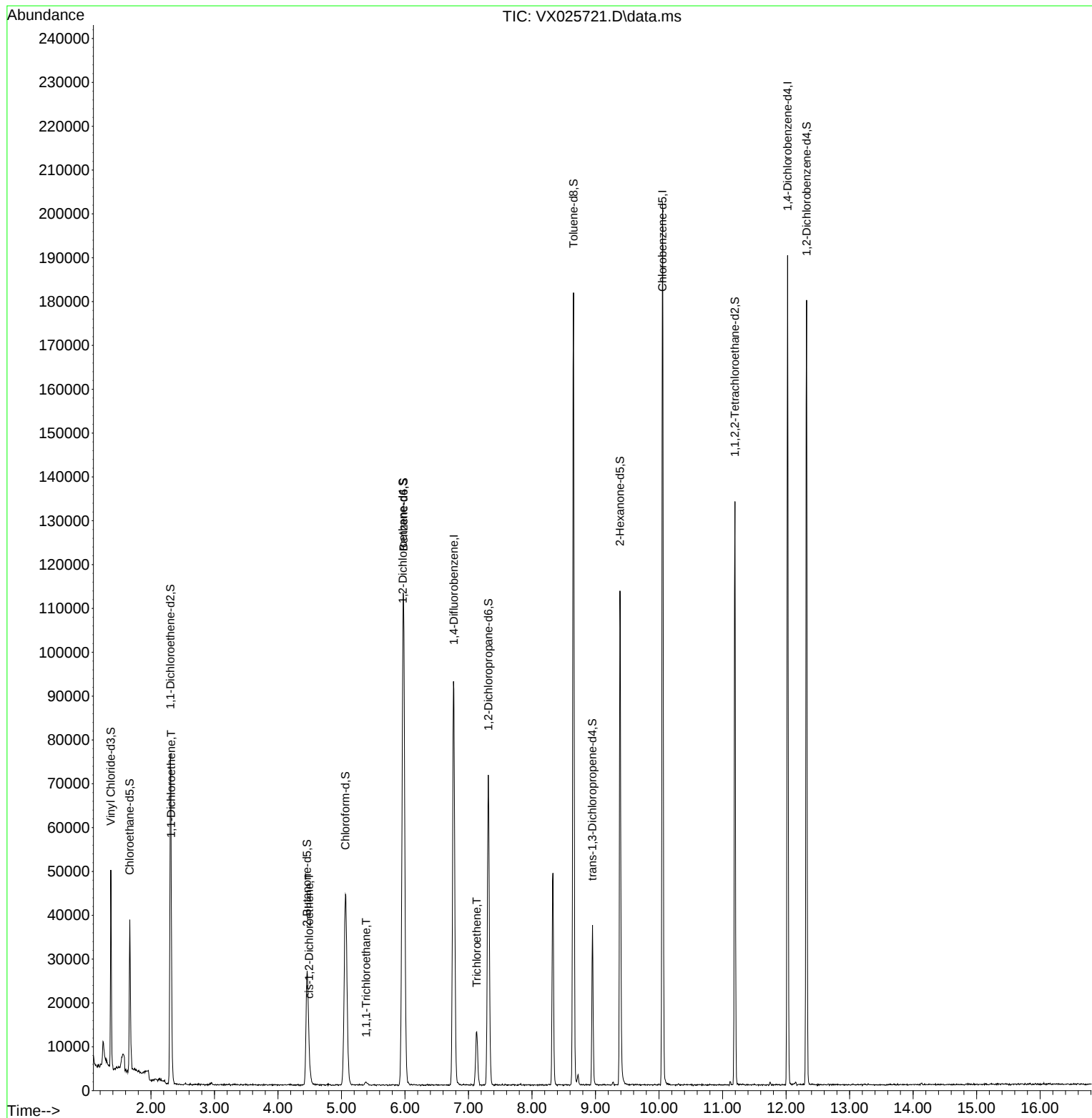
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
Data File : VX025721.D
Acq On : 10 Dec 2021 23:04
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Misc : 5.0mL/MSVOA_X/WATER
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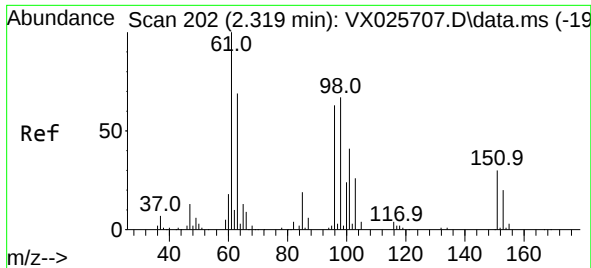
Instrument :
MSVOA_X
ClientSampleId :
C0CP4

Quant Time: Dec 11 01:05:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
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QLast Update : Sat Dec 11 00:48:07 2021
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#12

1,1-Dichloroethene

Concen: 2.247 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

Instrument :

MSVOA_X

ClientSampleId :

C0CP4

Tgt Ion: 96 Resp: 117

Ion Ratio Lower Upper

96 100

61 407.5 108.7 201.9

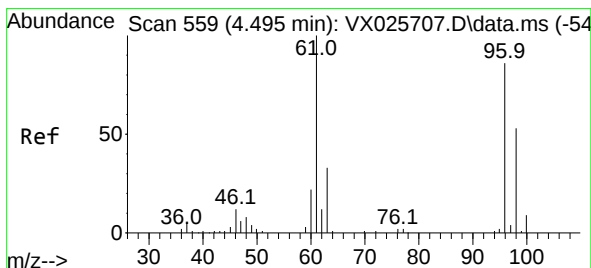
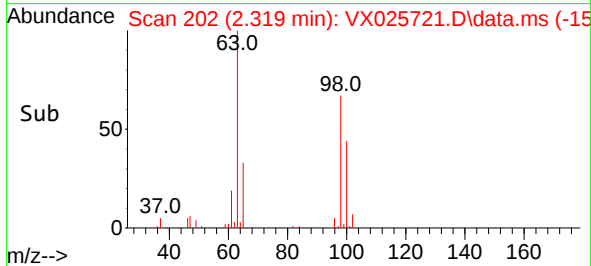
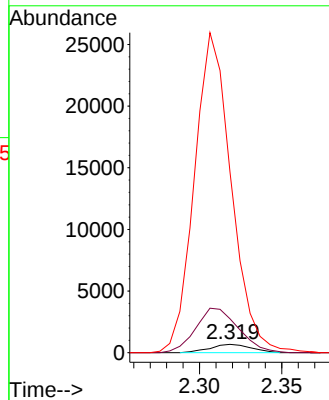
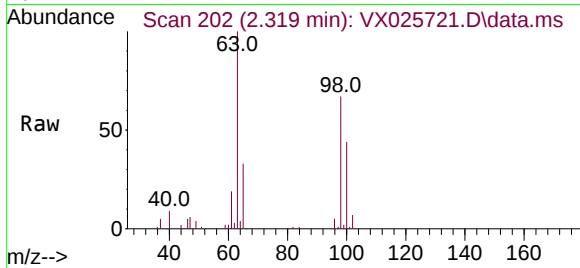
63 2172.2 76.3 141.1

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#20

cis-1,2-Dichloroethene

Concen: 1.594 ug/L m

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025721.D

Acq: 10 Dec 2021 23:04

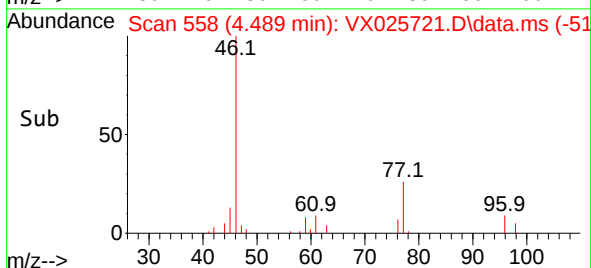
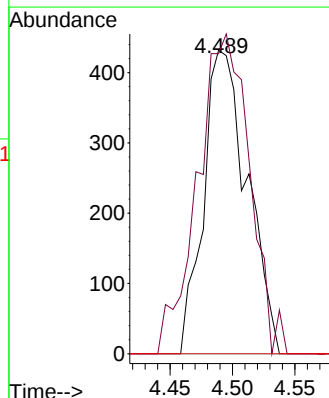
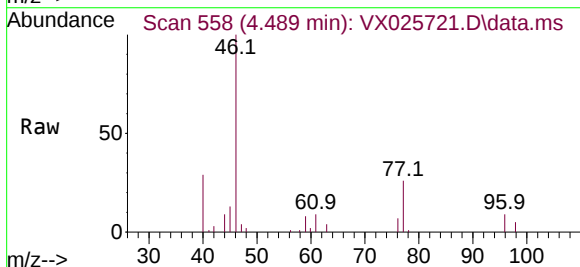
Tgt Ion: 96 Resp: 1055

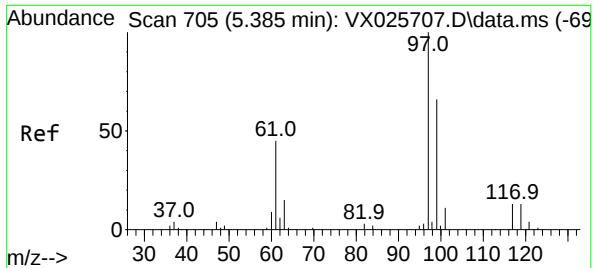
Ion Ratio Lower Upper

96 100

61 98.8 82.3 152.8

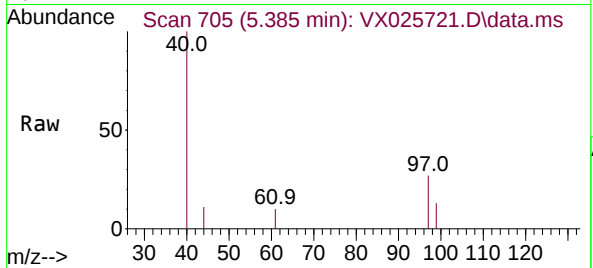
68 0.0 0.0 0.0





#30
1,1,1-Trichloroethane
Concen: 0.817 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
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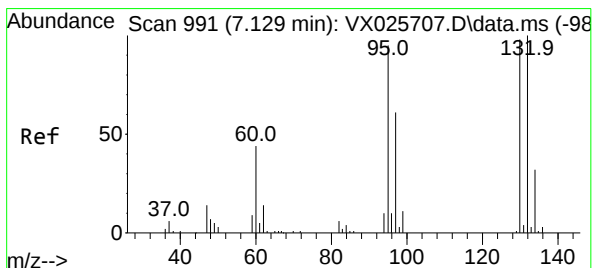
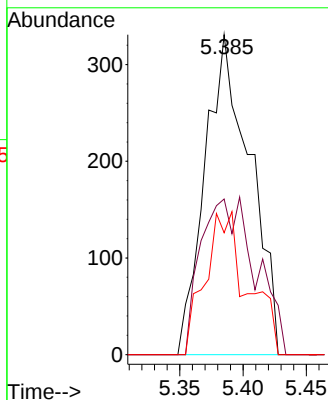
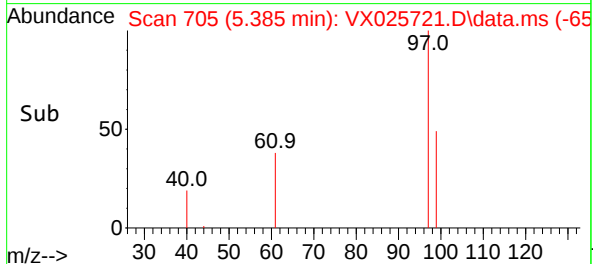
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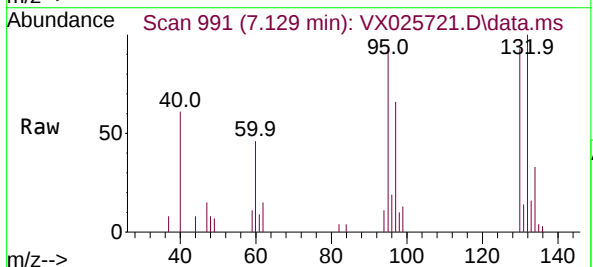
Tgt Ion: 97 Resp: 819
Ion Ratio Lower Upper
97 100
99 34.7 51.5 77.3
61 14.4 33.1 49.7

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#34
Trichloroethene
Concen: 6.348 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025721.D
Acq: 10 Dec 2021 23:04



Tgt Ion: 95 Resp: 4052
Ion Ratio Lower Upper
95 100
97 70.6 46.0 85.4
132 107.2 75.0 139.2
130 99.9 77.9 144.7

