

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025963.D
 Acq On : 21 Dec 2021 17:42
 Operator : JC/MD
 Sample : M5126-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0J09

Quant Time: Dec 22 05:40:06 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	140166	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50668	44.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.680%		
7) Chloroethane-d5	1.666	69	46950	49.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.500%		
11) 1,1-Dichloroethene-d2	2.306	63	74278	37.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.680%		
21) 2-Butanone-d5	4.459	46	86936	106.642	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.640%		
24) Chloroform-d	5.062	84	105024	48.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.960%		
26) 1,2-Dichloroethane-d4	5.958	65	74756	52.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.820%		
32) Benzene-d6	5.977	84	209312	39.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.980%		
36) 1,2-Dichloropropane-d6	7.312	67	64834	40.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.340%		
41) Toluene-d8	8.653	98	248831	50.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.120%		
43) trans-1,3-Dichloroprop...	8.952	79	31141	44.238	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.480%		
47) 2-Hexanone-d5	9.384	63	74293	103.661	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	130752	57.890	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.780%		
66) 1,2-Dichlorobenzene-d4	12.323	152	61218	53.002	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.000%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.886	101	3387	1.807	ug/L	100
12) 1,1-Dichloroethene	2.325	96	4401	5.014	ug/L #	1
19) 1,1-Dichloroethane	3.623	63	1571	0.842	ug/L #	88
20) cis-1,2-Dichloroethene	4.489	96	5537	4.718	ug/L	89
30) 1,1,1-Trichloroethane	5.397	97	3467m	1.635	ug/L	
34) Trichloroethene	7.129	95	29707	21.008	ug/L	87

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

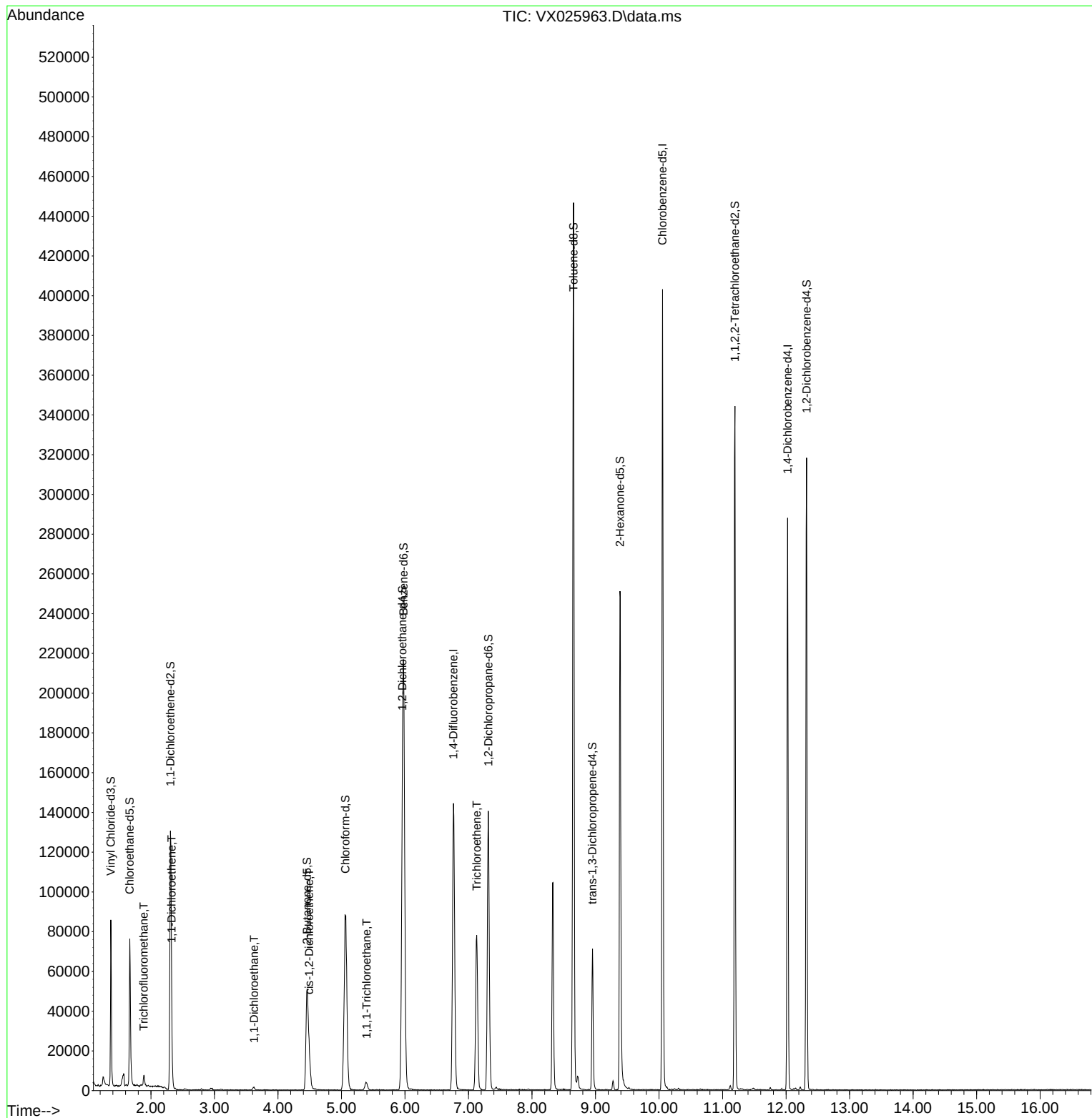
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
Data File : VX025963.D
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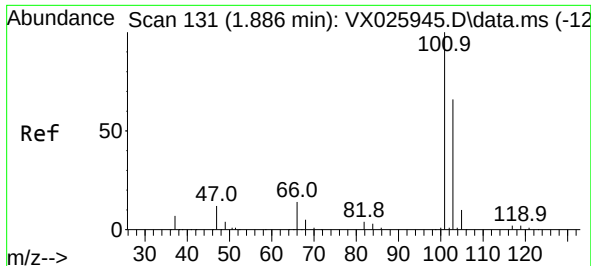
Instrument :
MSVOA_X
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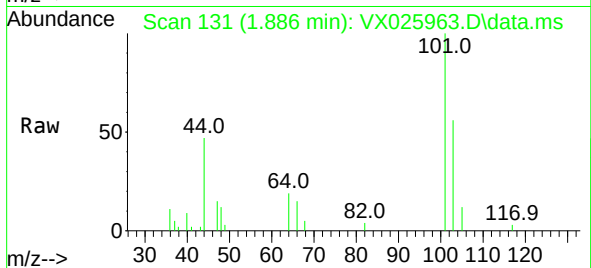
Quant Time: Dec 22 05:40:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 1.807 ug/L
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42

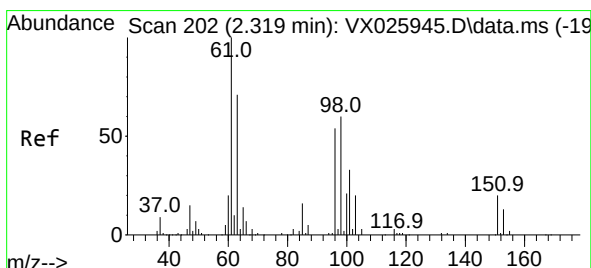
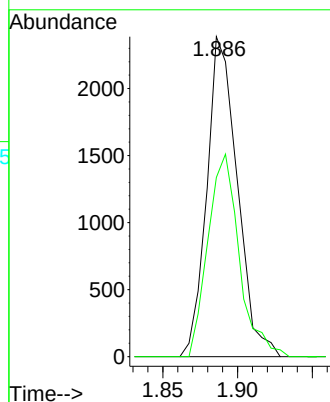
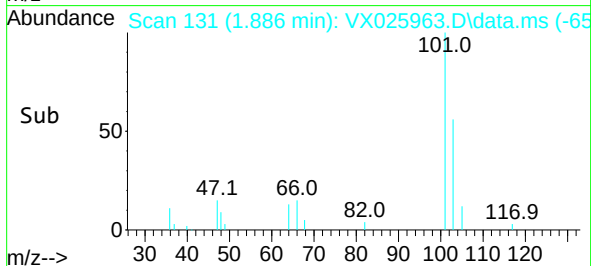
Instrument :
MSVOA_X
ClientSampleId :
C0J09



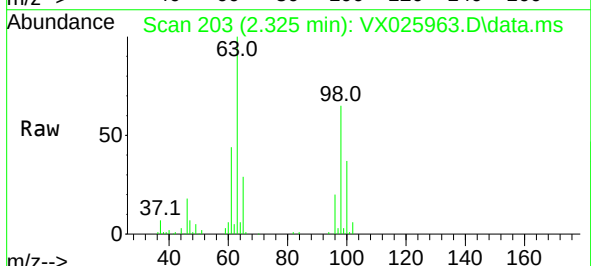
Tgt Ion:101 Resp: 338
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

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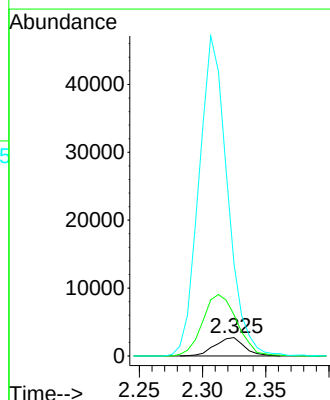
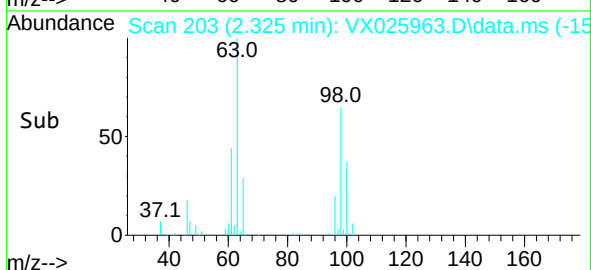
Reviewed By :John Carlone 12/22/2021
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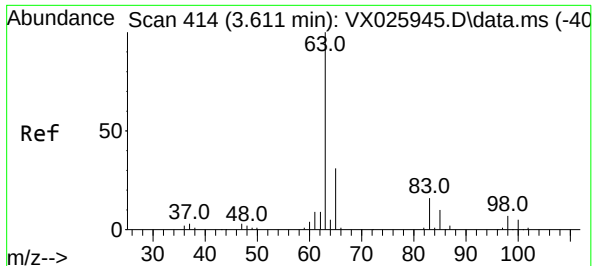


#12
1,1-Dichloroethene
Concen: 5.014 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42



Tgt Ion: 96 Resp: 4401
Ion Ratio Lower Upper
96 100
61 223.2 108.7 201.9#
63 501.5 76.3 141.7#





#19

1,1-Dichloroethane

Concen: 0.842 ug/L

RT: 3.623 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX025963.D

Acq: 21 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

C0J09

Tgt Ion: 63 Resp: 157

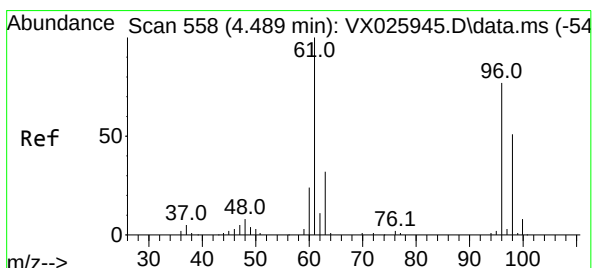
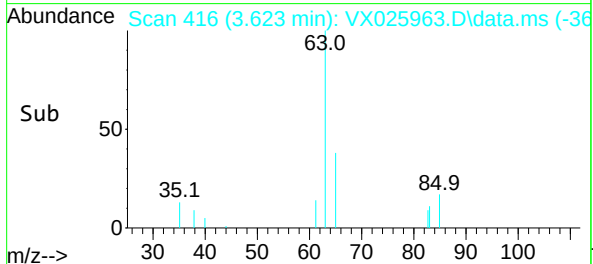
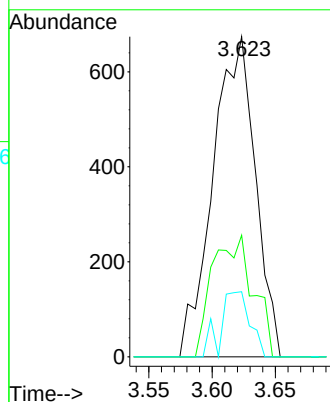
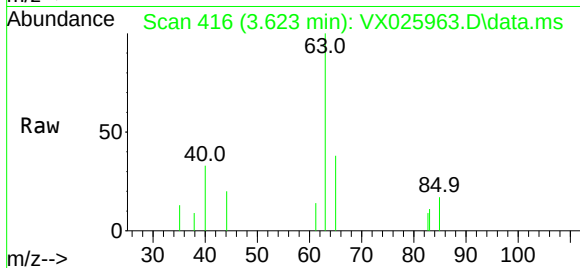
Ion	Ratio	Lower	Upper
63	100		
65	38.0	22.2	41.2
83	20.3	10.2	19.0

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#20

cis-1,2-Dichloroethene

Concen: 4.718 ug/L

RT: 4.489 min Scan# 558

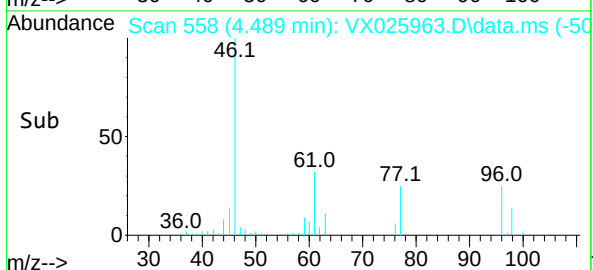
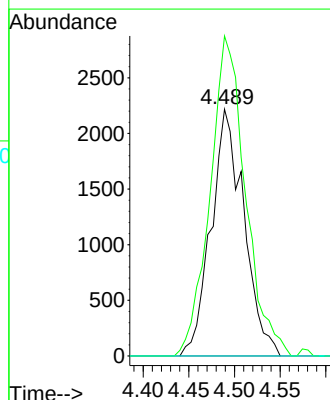
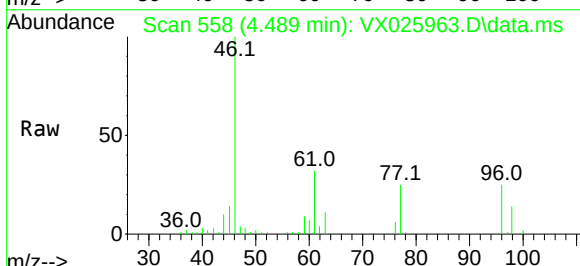
Delta R.T. 0.000 min

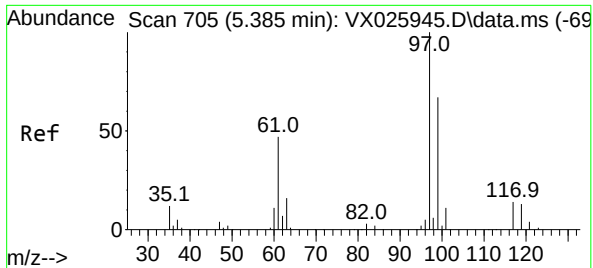
Lab File: VX025963.D

Acq: 21 Dec 2021 17:42

Tgt Ion: 96 Resp: 5537

Ion	Ratio	Lower	Upper
96	100		
61	129.7	82.3	152.8
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 1.635 ug/L m

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025963.D

Acq: 21 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

C0J09

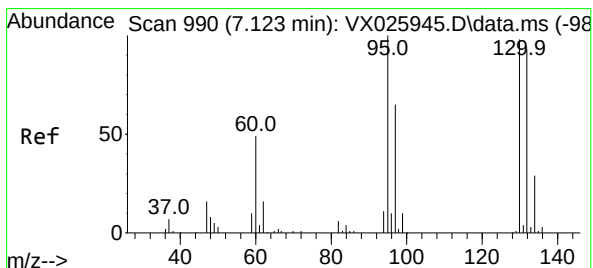
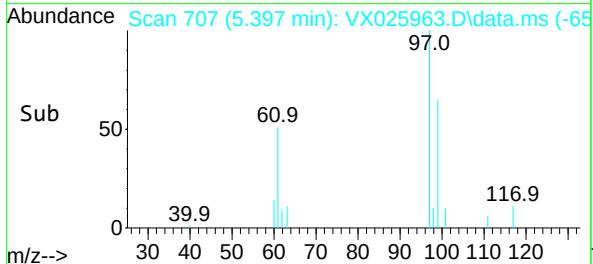
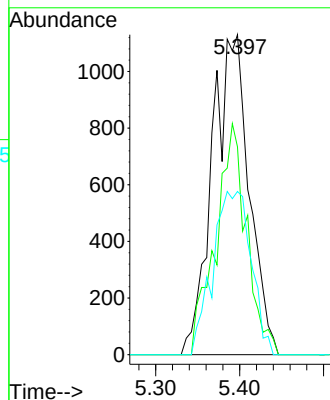
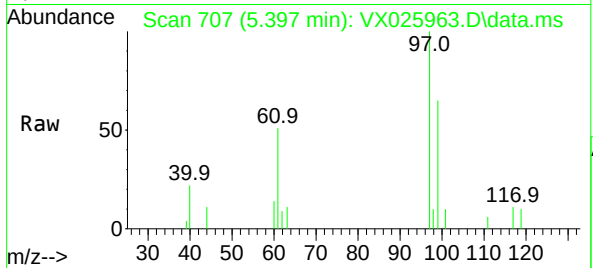
Tgt Ion: 97	Resp: 346
Ion Ratio	Lower Upper
97 100	
99 60.3	51.5 77.3
61 29.7	33.1 49.7

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#34

Trichloroethene

Concen: 21.008 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025963.D

Acq: 21 Dec 2021 17:42

Tgt Ion: 95	Resp: 29707
Ion Ratio	Lower Upper
95 100	
97 67.2	46.0 85.4
132 91.6	75.0 139.2
130 91.5	77.9 144.7

