

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044792.D
 Acq On : 31 Jan 2025 13:30
 Operator : JC/MD
 Sample : Q1189-11ME
 Misc : 14.77g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A44R2ME

Quant Time: Feb 03 07:33:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/03/2025
 Supervised By :Mahesh Dadoda 02/03/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	258870	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	227780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100644m	51.649	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.300%			
7) Chloroethane-d5	1.648	69	28187m	38.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.160%			
11) 1,1-Dichloroethene-d2	2.276	65	38912	46.717	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.440%			
21) 2-Butanone-d5	4.483	46	96600	115.960	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.960%			
24) Chloroform-d	5.050	84	161051	47.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.060%			
26) 1,2-Dichloroethane-d4	5.952	65	101528	49.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.800%			
32) Benzene-d6	5.964	84	346957	48.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
36) 1,2-Dichloropropane-d6	7.306	67	112611	49.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.900%			
41) Toluene-d8	8.647	98	305871	48.523	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.040%			
43) trans-1,3-Dichloroprop...	8.952	79	49346	46.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.300%			
47) 2-Hexanone-d5	9.391	63	67679	101.441	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.440%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142994	51.045	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.080%			
66) 1,2-Dichlorobenzene-d4	12.317	152	103690	52.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.900%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.599	63	274348	83.599	ug/L	98
25) Chloroform	5.086	83	22018	6.613	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	611789	212.290	ug/L	99
46) Tetrachloroethene	9.275	164	1773	1.307	ug/L	97

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

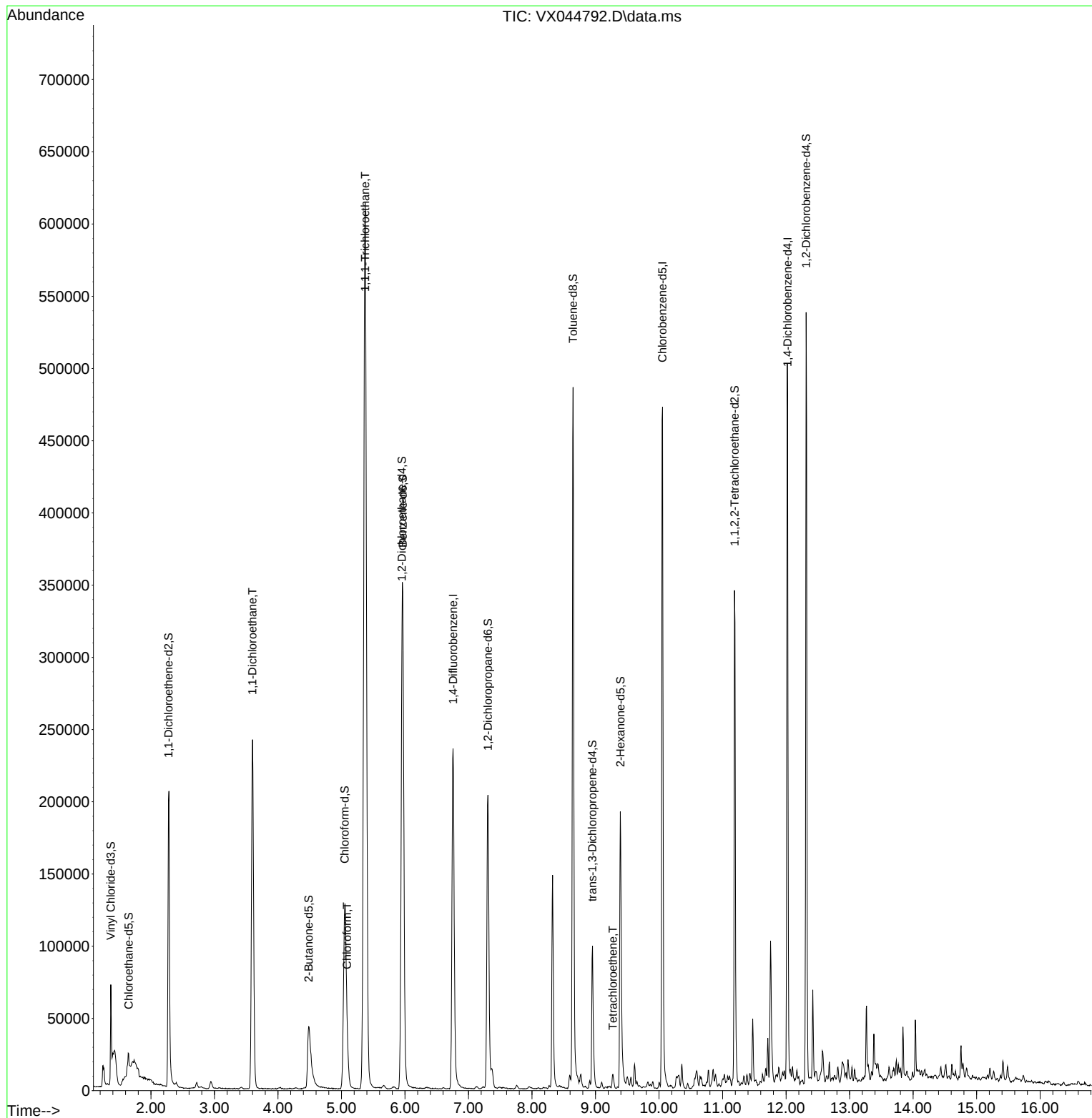
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
Data File : VX044792.D
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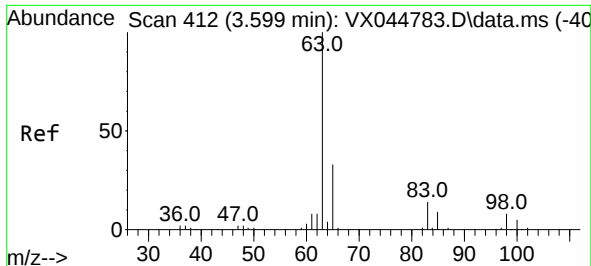
Instrument :
MSVOA_X
ClientSampleId :
A44R2ME

Quant Time: Feb 03 07:33:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 03 07:31:09 2025
Response via : Initial Calibration

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Supervised By : Mahesh Dadoda 02/03/2025





#19

1,1-Dichloroethane

Concen: 83.599 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044792.D

Acq: 31 Jan 2025 13:30

Instrument :

MSVOA_X

ClientSampleId :

A44R2ME

Tgt Ion: 63 Resp: 27434

Ion Ratio Lower Upper

63 100

65 32.6 21.8 40.6

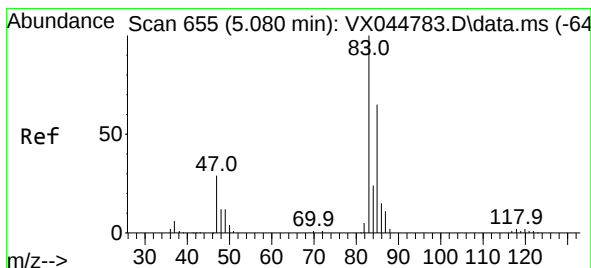
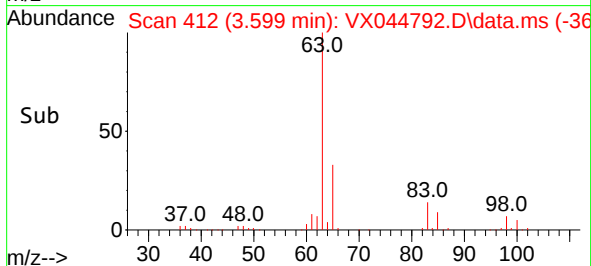
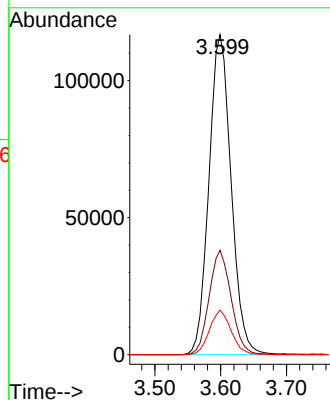
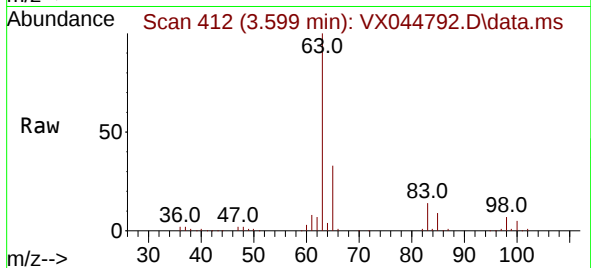
83 14.0 9.4 17.4

Manual Integrations

APPROVED

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#25

Chloroform

Concen: 6.613 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX044792.D

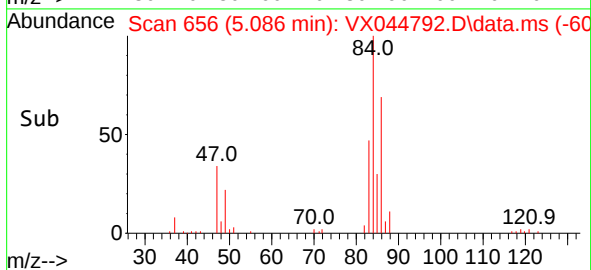
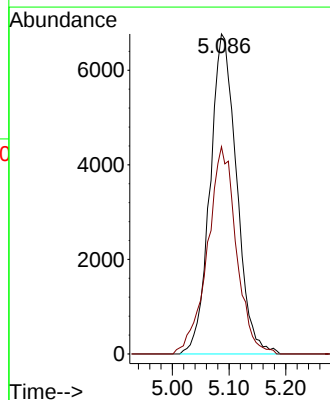
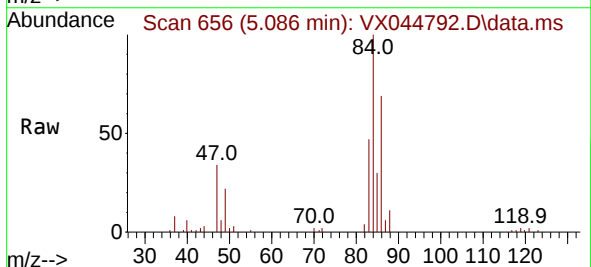
Acq: 31 Jan 2025 13:30

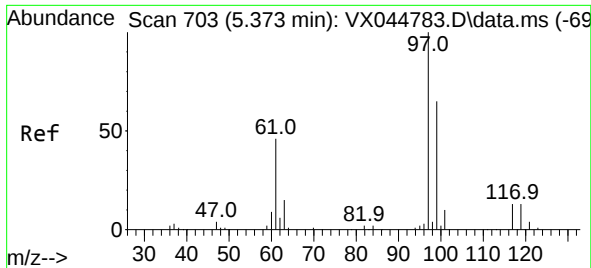
Tgt Ion: 83 Resp: 22018

Ion Ratio Lower Upper

83 100

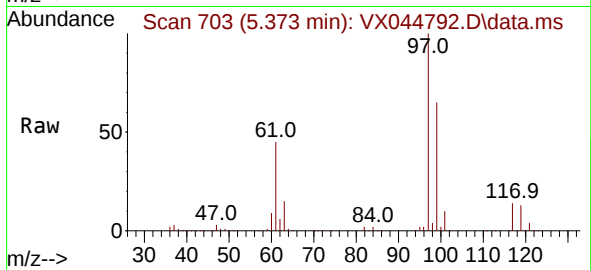
85 64.7 45.4 84.2





#30
1,1,1-Trichloroethane
Concen: 212.290 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044792.D
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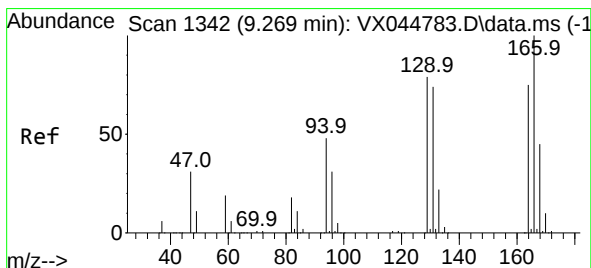
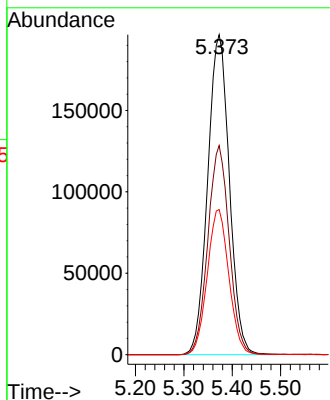
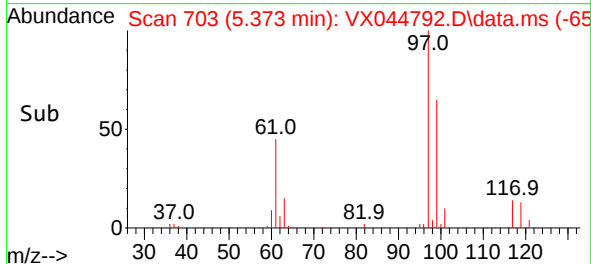
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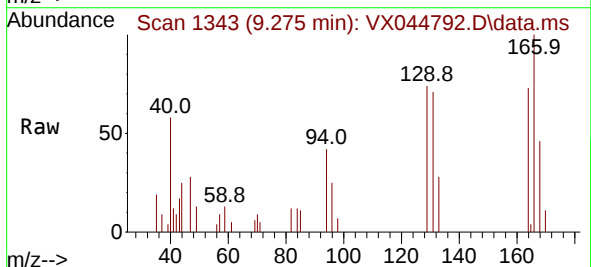
Tgt Ion: 97 Resp: 611789
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 45.3 35.8 53.6

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#46
Tetrachloroethene
Concen: 1.307 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044792.D
Acq: 31 Jan 2025 13:30



Tgt Ion:164 Resp: 1773
Ion Ratio Lower Upper
164 100
129 100.9 71.2 132.2
131 97.2 67.2 124.8
166 136.2 90.0 167.2

