

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033395.D
 Acq On : 15 Dec 2023 22:16
 Operator : SY/MD
 Sample : 05846-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ3

Quant Time: Dec 16 00:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	189183	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	198314	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64240	44.094	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.180%		
7) Chloroethane-d5	1.529	69	62881	48.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.200%		
11) 1,1-Dichloroethene-d2	2.060	65	31219	43.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.100%		
21) 2-Butanone-d5	3.783	46	81434	110.907	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.910%		
24) Chloroform-d	4.249	84	139393	48.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.740%		
26) 1,2-Dichloroethane-d4	4.941	65	94915	53.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.220%		
32) Benzene-d6	4.960	84	255993	47.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
36) 1,2-Dichloropropane-d6	5.989	67	80497	49.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.320%		
41) Toluene-d8	7.243	98	213979	43.783	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.560%		
43) trans-1,3-Dichloroprop...	7.551	79	35420	44.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.160%		
47) 2-Hexanone-d5	8.024	63	53127	97.438	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.440%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	115497	49.572	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.140%		
66) 1,2-Dichlorobenzene-d4	11.561	152	87197	56.319	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	25473m	19.107	ug/L	
13) Acetone	2.108	43	139592	163.783	ug/L	98
19) 1,1-Dichloroethane	3.118	63	6488	2.686	ug/L	93
22) 2-Butanone	3.883	43	11105	13.225	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	6998	2.858	ug/L	88

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

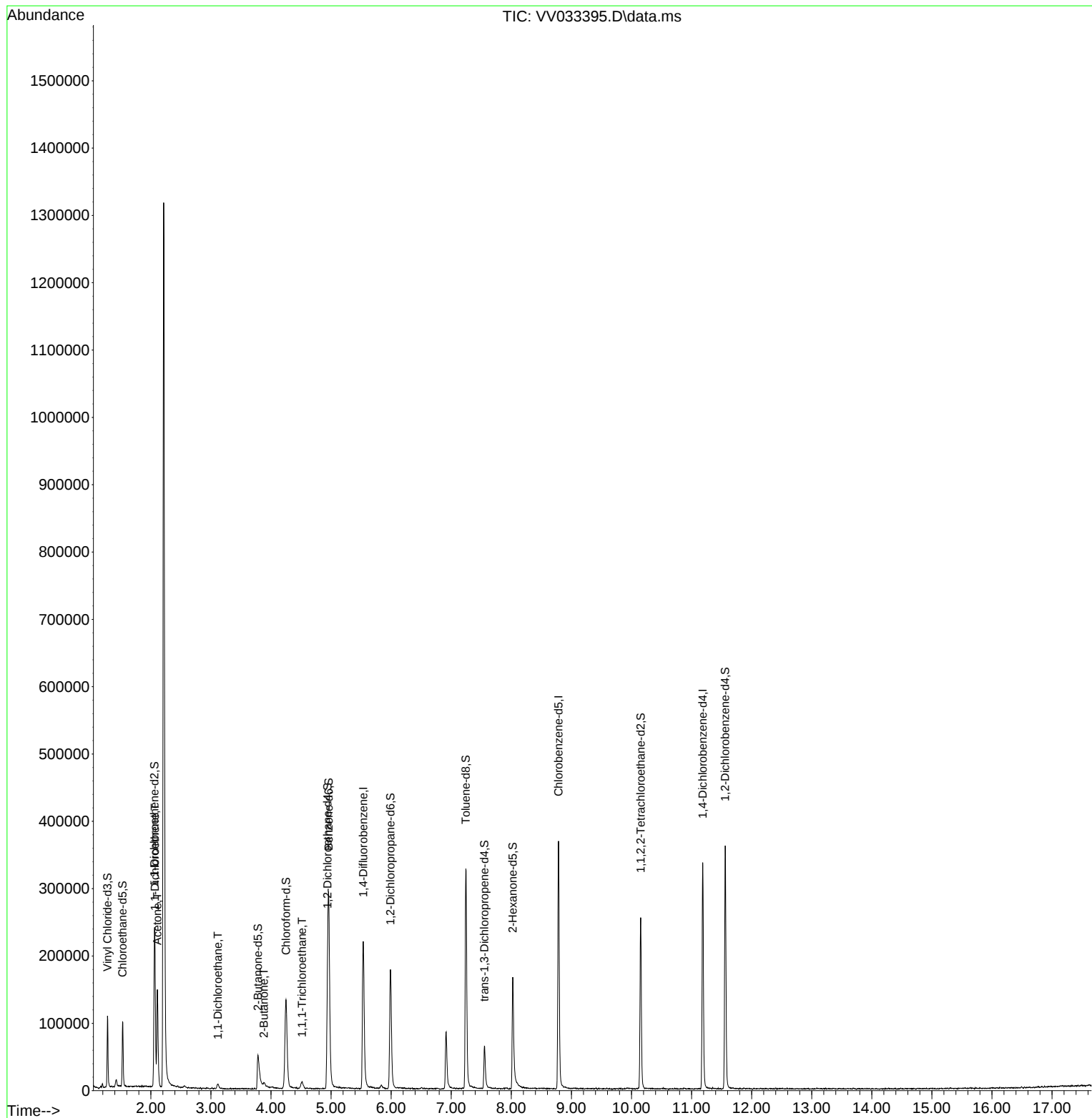
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033395.D
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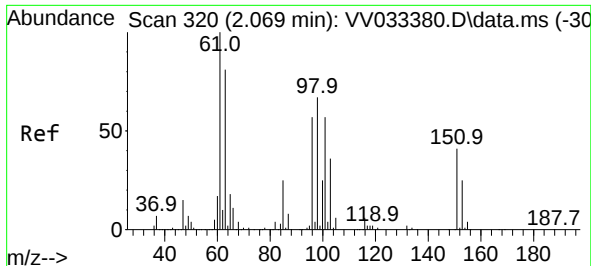
Instrument :
MSVOA_V
ClientSampleId :
YCHJ3

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 15 23:24:47 2023
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#12

1,1-Dichloroethene

Concen: 19.107 ug/L m

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033395.D

Acq: 15 Dec 2023 22:16

Instrument :

MSVOA_V

ClientSampleId :

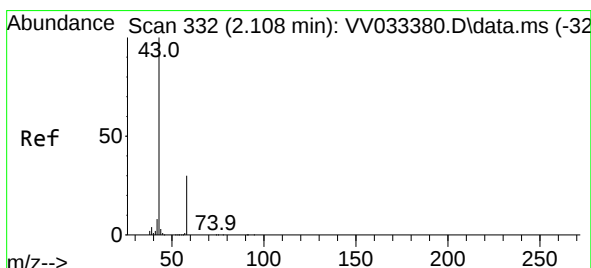
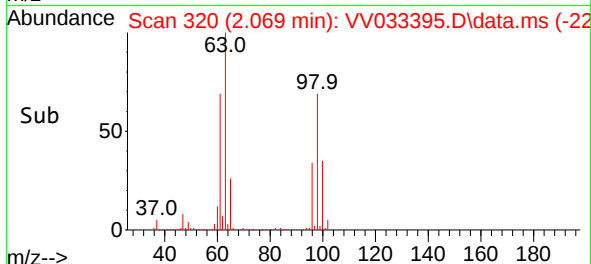
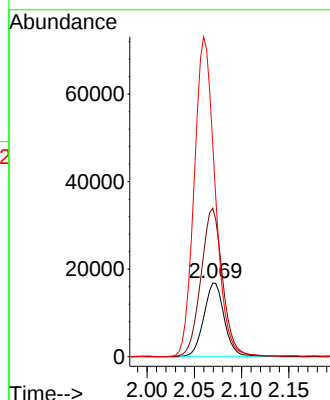
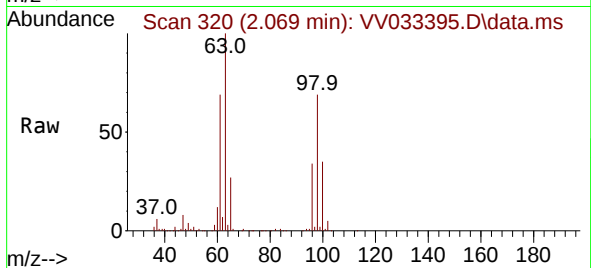
YCHJ3

Tgt Ion:	96	Resp:	2547
Ion	Ratio	Lower	Upper
96	100		
61	201.8	124.3	230.8
63	290.5	108.1	200.7

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#13

Acetone

Concen: 163.783 ug/L

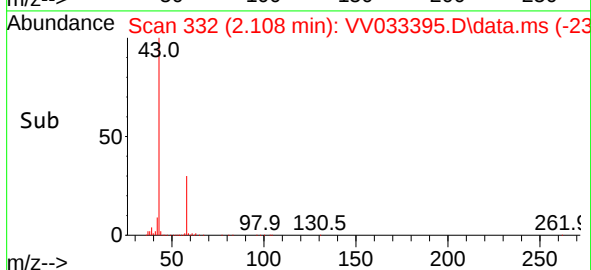
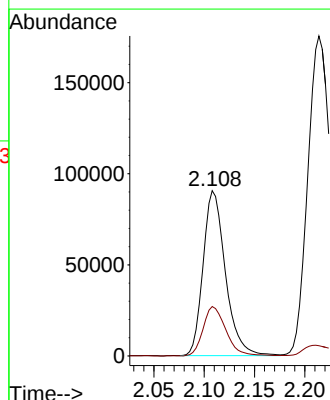
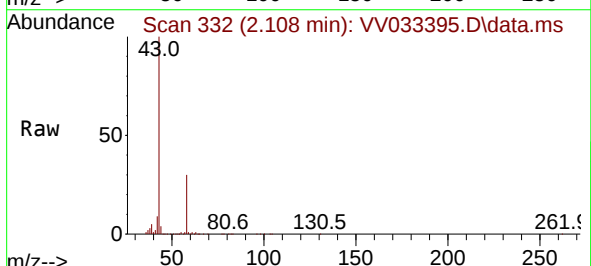
RT: 2.108 min Scan# 332

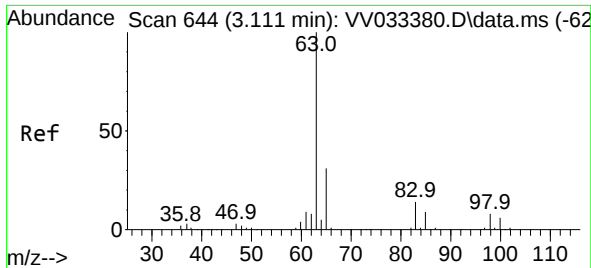
Delta R.T. 0.000 min

Lab File: VV033395.D

Acq: 15 Dec 2023 22:16

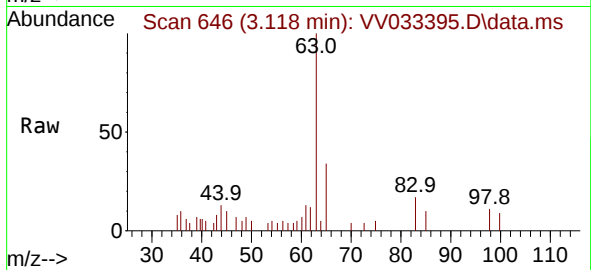
Tgt Ion:	43	Resp:	139592
Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	59.2





#19
1,1-Dichloroethane
Concen: 2.686 ug/L
RT: 3.118 min Scan# 644
Delta R.T. 0.006 min
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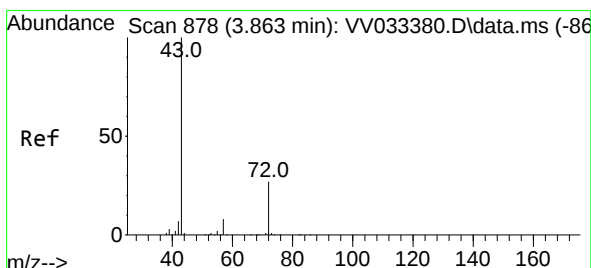
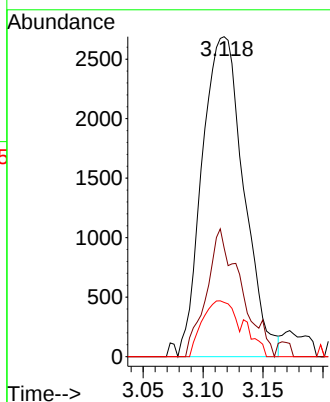
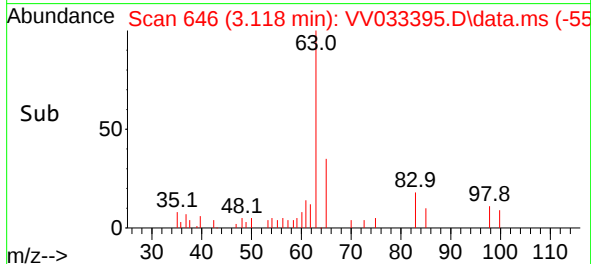
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Tgt Ion: 63 Resp: 6488
Ion Ratio Lower Upper
63 100
65 34.0 21.1 39.3
83 16.9 9.7 17.9

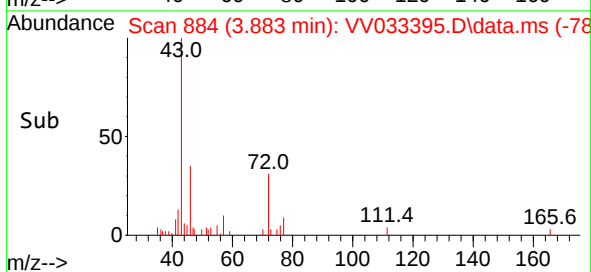
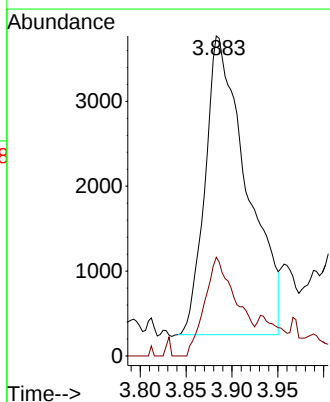
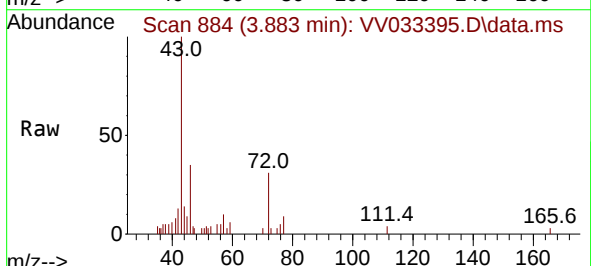
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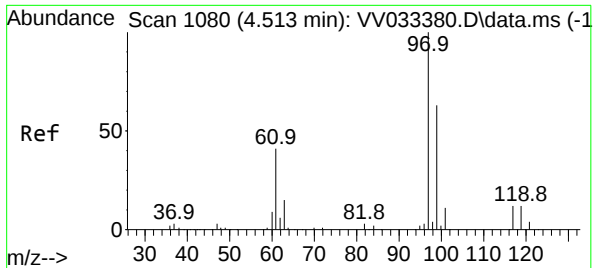
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#22
2-Butanone
Concen: 13.225 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.019 min
Lab File: VV033395.D
Acq: 15 Dec 2023 22:16

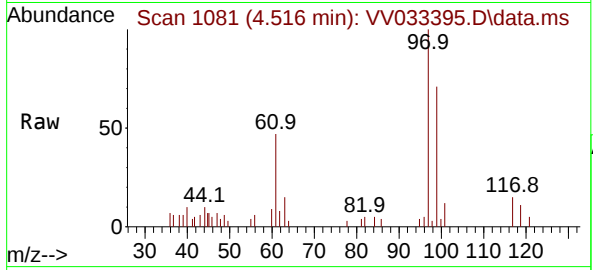
Tgt Ion: 43 Resp: 11105
Ion Ratio Lower Upper
43 100
72 25.7 12.4 37.4





#30
 1,1,1-Trichloroethane
 Concen: 2.858 ug/L
 RT: 4.516 min Scan# 1080
 Delta R.T. 0.003 min
 Lab File: VV033395.D
 Acq: 15 Dec 2023 22:16

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ3



Tgt Ion: 97 Resp: 6998

Ion	Ratio	Lower	Upper
97	100		
99	75.0	51.8	77.6
61	50.6	34.8	52.2

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