

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037358.D
 Acq On : 19 Sep 2024 01:55
 Operator : SY/MD
 Sample : P3986-20 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8P0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 04:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	308935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	312879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	143356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100391	5.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.529	69	85442	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.053	65	43842	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.812	46	243394	44.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.880%
24) Chloroform-d	4.243	84	195083	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.941	65	95899	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.953	84	383880	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.986	67	123026	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.240	98	331910	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.561	79	32202	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.024	63	189727	45.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99813	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	125031	4.906	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
5) Vinyl chloride	1.278	62	13595	0.452	ug/L #	31
12) 1,1-Dichloroethene	2.066	96	5887	0.272	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	16635	0.382	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	71770	2.915	ug/L	99
34) Trichloroethene	5.847	95	6817m	0.268	ug/L	

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

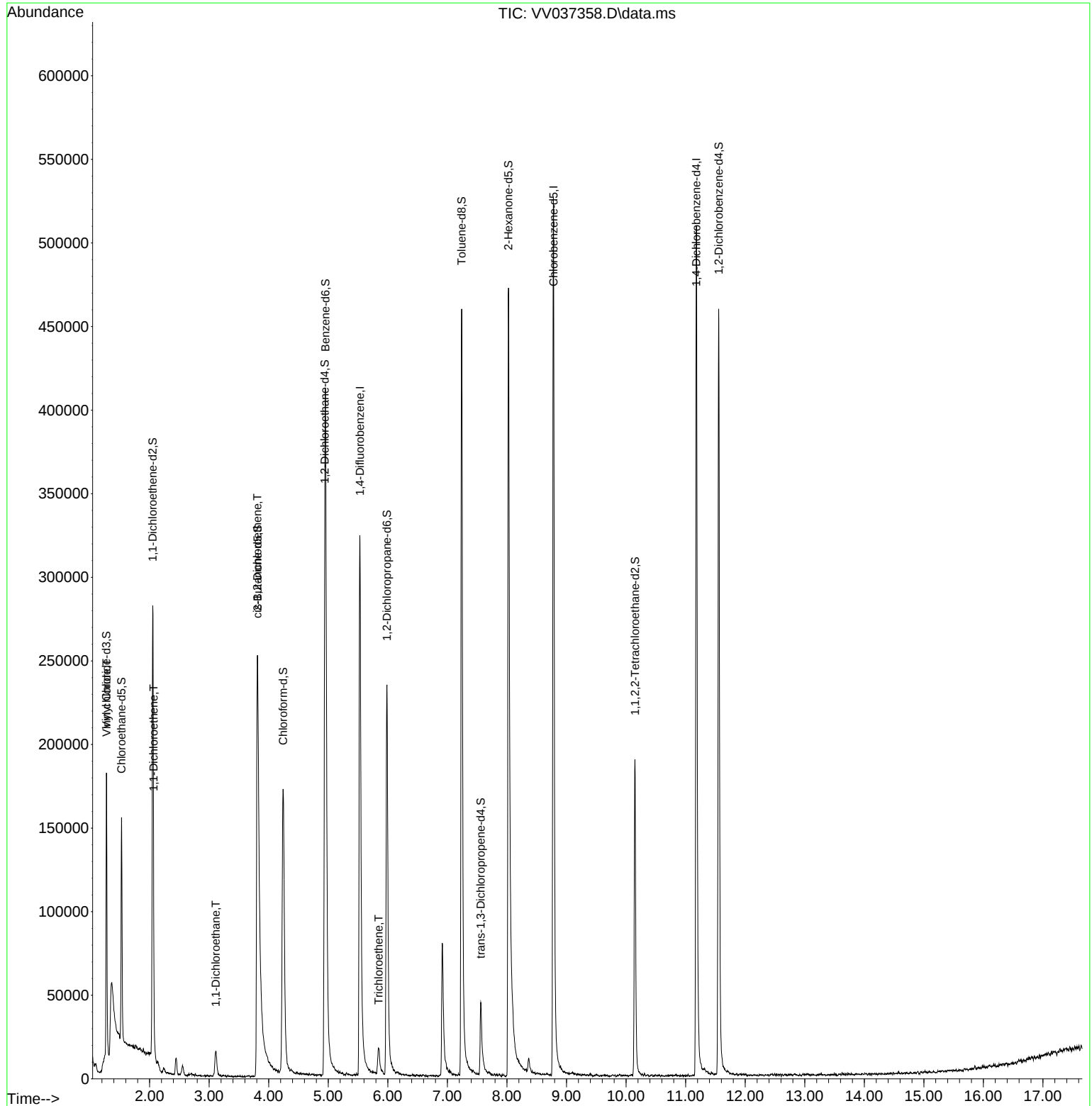
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
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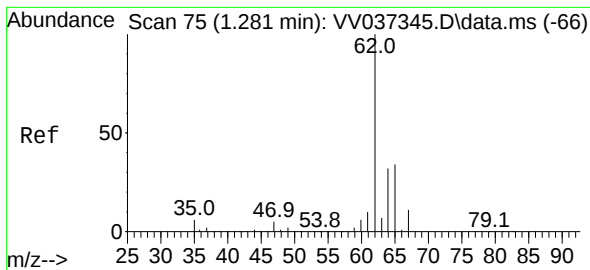
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.452 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV037358.D

Acq: 19 Sep 2024 01:55

Instrument :

MSVOA_V

ClientSampleId :

BH8P0

Tgt Ion: 62 Resp: 1359

Ion Ratio Lower Upper

62 100

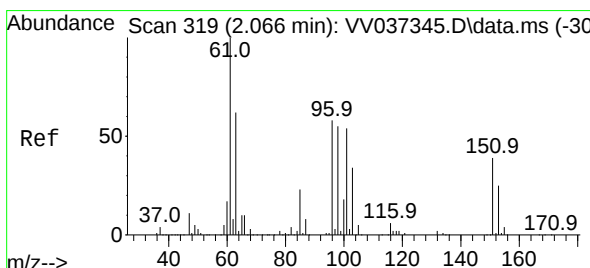
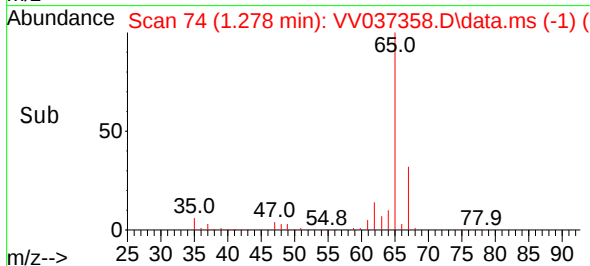
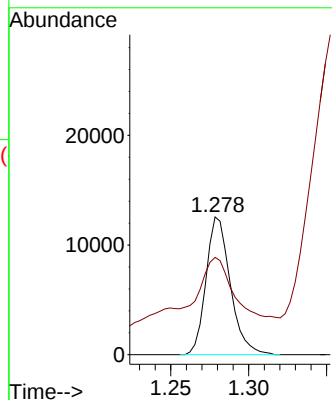
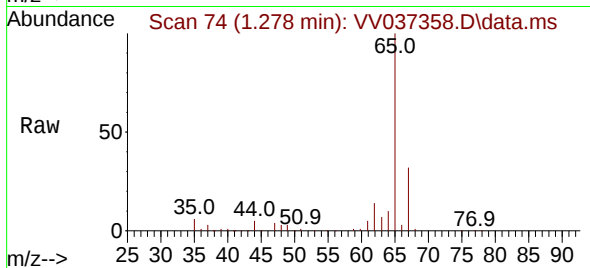
64 70.6 22.4 41.6

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.272 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037358.D

Acq: 19 Sep 2024 01:55

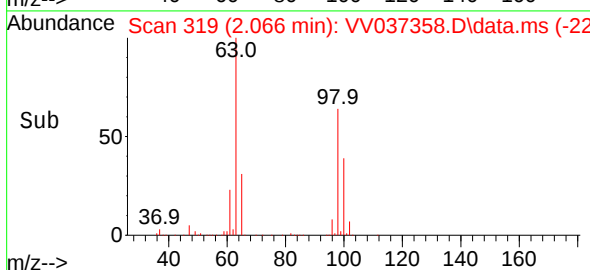
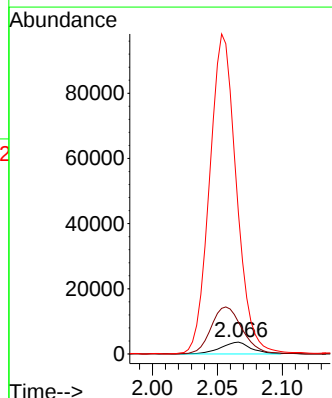
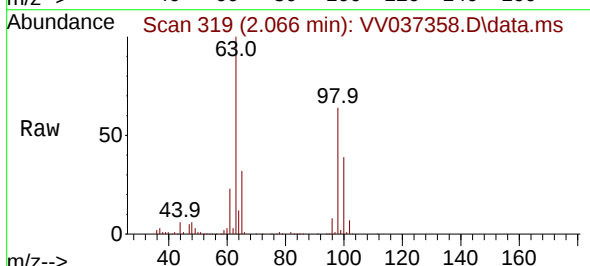
Tgt Ion: 96 Resp: 5887

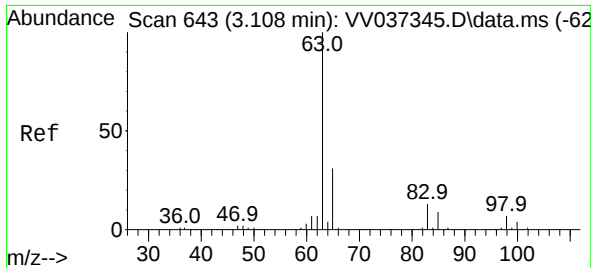
Ion Ratio Lower Upper

96 100

61 270.0 119.9 222.7#

63 1191.1 81.4 151.2#





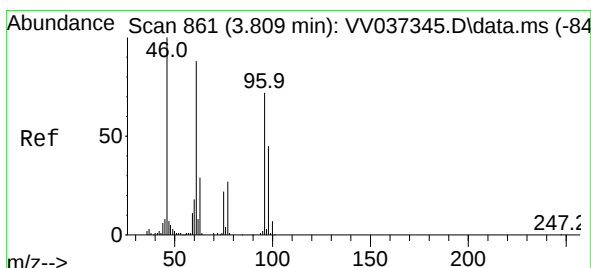
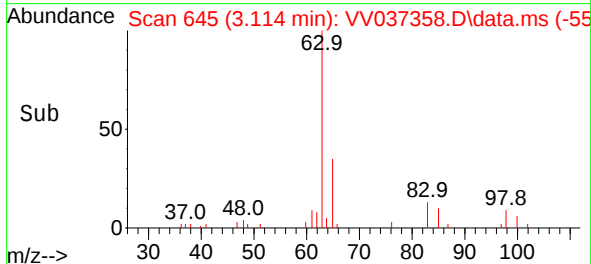
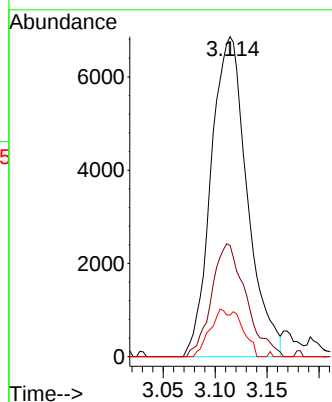
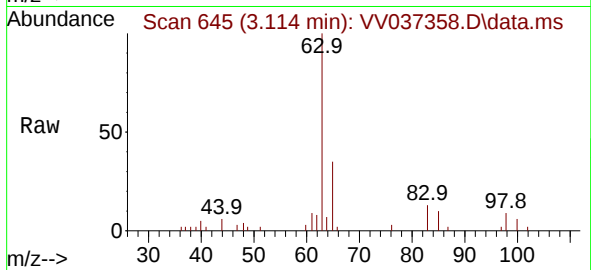
#19
1,1-Dichloroethane
Concen: 0.382 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.007 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :
BH8P0

Tgt Ion: 63 Resp: 1663
Ion Ratio Lower Upper
63 100
65 33.8 22.5 41.7
83 12.2 8.9 16.5

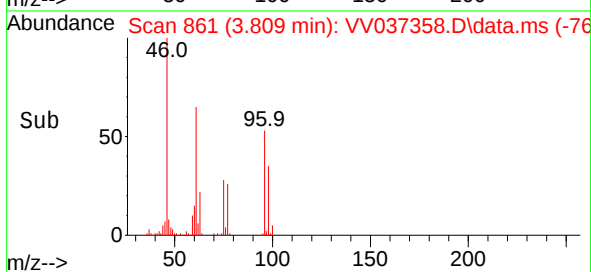
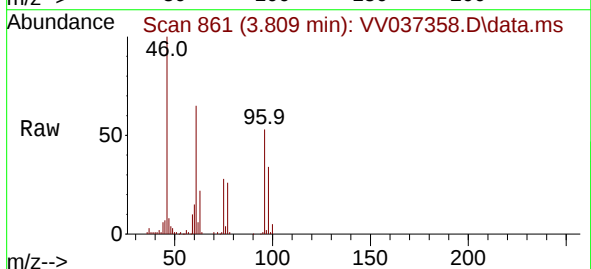
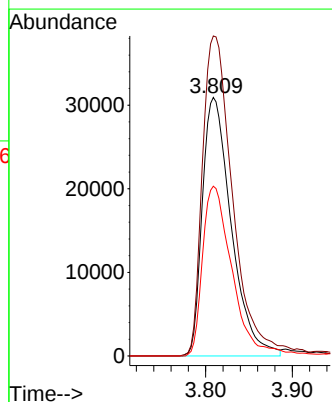
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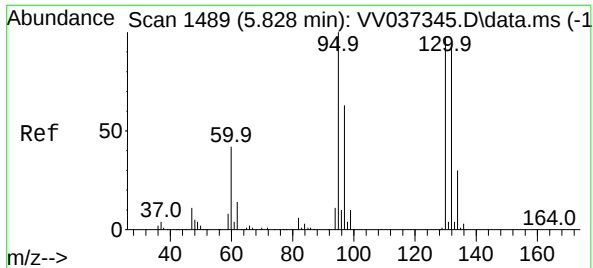
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#22
cis-1,2-Dichloroethene
Concen: 2.915 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

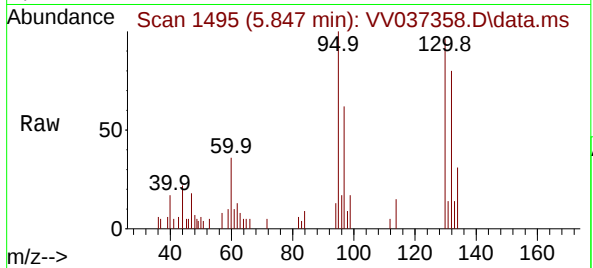
Tgt Ion: 96 Resp: 71770
Ion Ratio Lower Upper
96 100
61 123.8 87.6 162.6
98 65.6 44.9 83.5





#34
 Trichloroethene
 Concen: 0.268 ug/L m
 RT: 5.847 min Scan# 14
 Delta R.T. 0.019 min
 Lab File: VV037358.D
 Acq: 19 Sep 2024 01:55

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 95 Resp: 681

Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.5	86.5
132	80.4	65.5	121.7
130	96.1	71.3	132.3

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