

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021324\
 Data File : VV034158.D
 Acq On : 13 Feb 2024 17:32
 Operator : SY/MD
 Sample : P1402-15DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 01:45:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21291	3.589	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.536	69	19147	3.685	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.060	65	11281	3.943	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	3.822	46	40236m	40.384	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.760%	
24) Chloroform-d	4.252	84	44131	4.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
26) 1,2-Dichloroethane-d4	4.947	65	22117	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	4.963	84	82519	3.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	5.992	67	23158	3.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.200%	
41) Toluene-d8	7.246	98	77245	3.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	7.561	79	8981	4.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.030	63	29031	36.336	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.680%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14172	3.944	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	27295	4.192	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.800%	
Target Compounds						
16) Methylene chloride	2.449	84	2690	0.524	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	8001	1.294	ug/L	90
34) Trichloroethene	5.834	95	30225	4.927	ug/L	97
47) Tetrachloroethene	7.911	164	2323	0.466	ug/L	95

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

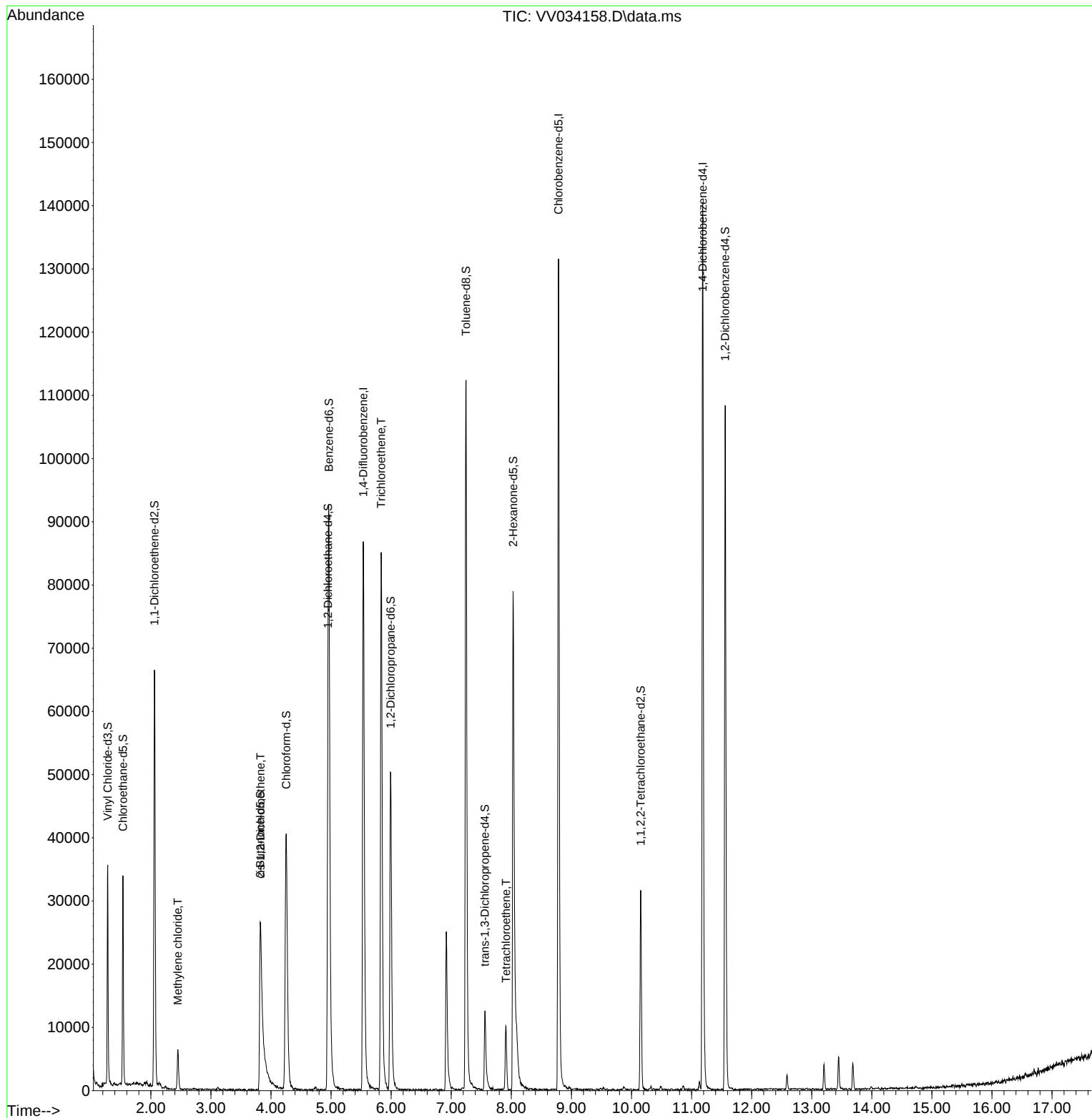
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021324\
Data File : VV034158.D
Acq On : 13 Feb 2024 17:32
Operator : SY/MD
Sample : P1402-15DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

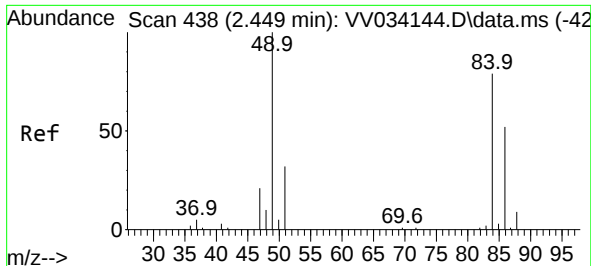
Instrument :
MSVOA_V
ClientSampleId :
C0AD4DL

Quant Time: Feb 14 01:45:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

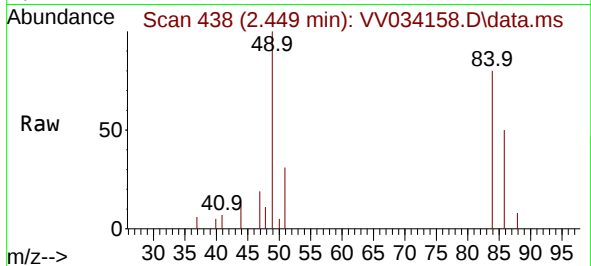
Reviewed By :John Carlone 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024





#16
Methylene chloride
Concen: 0.524 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

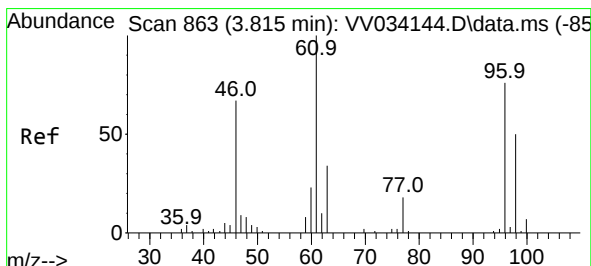
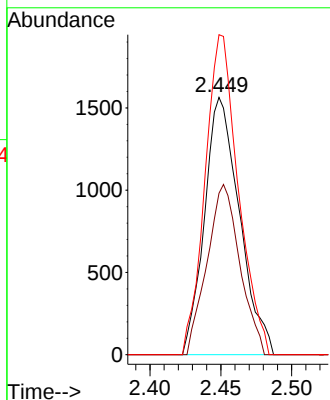
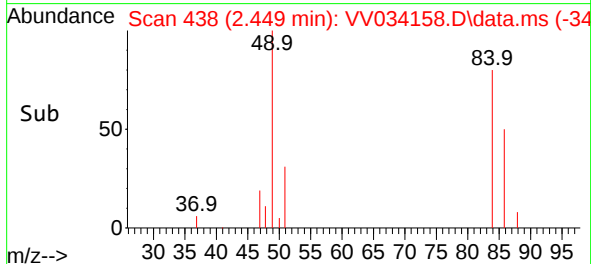
Instrument :
MSVOA_V
ClientSampleId :
C0AD4DL



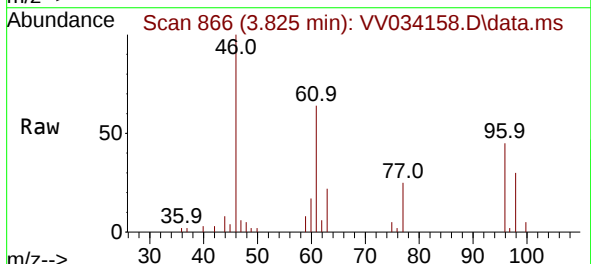
Tgt Ion: 84 Resp: 2690
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 124.4 93.7 173.9

Manual Integrations
APPROVED

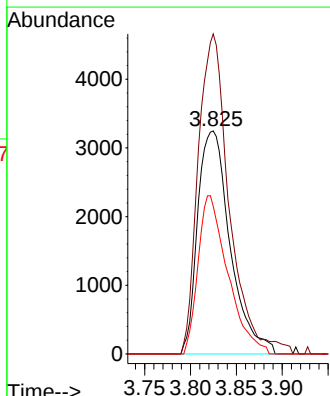
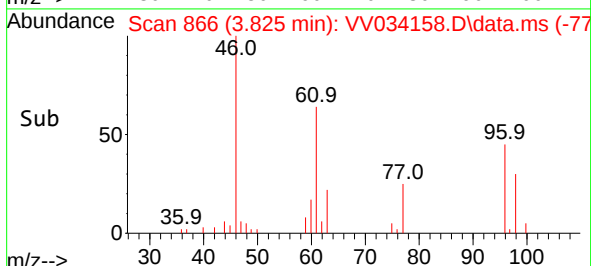
Reviewed By :John Carlone 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

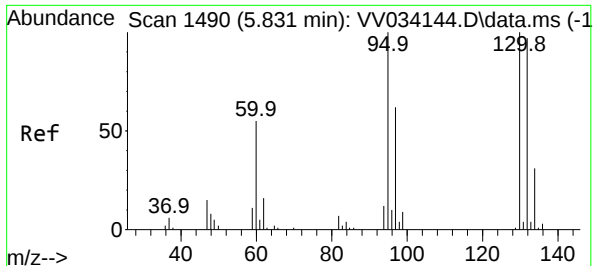


#22
cis-1,2-Dichloroethene
Concen: 1.294 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32



Tgt Ion: 96 Resp: 8001
Ion Ratio Lower Upper
96 100
61 143.5 90.3 167.7
98 66.2 43.2 80.2





#34

Trichloroethene

Concen: 4.927 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034158.D

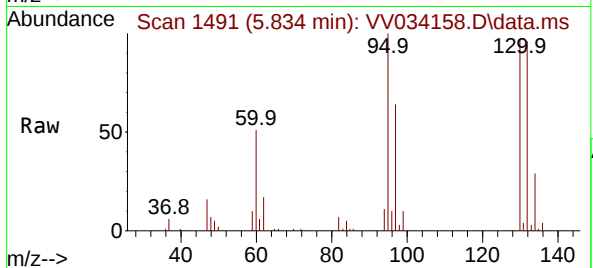
Acq: 13 Feb 2024 17:32

Instrument :

MSVOA_V

ClientSampleId :

C0AD4DL



Tgt Ion: 95 Resp: 3022

Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.7

132 95.6 66.0 122.6

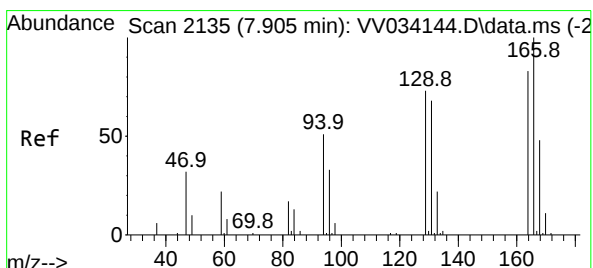
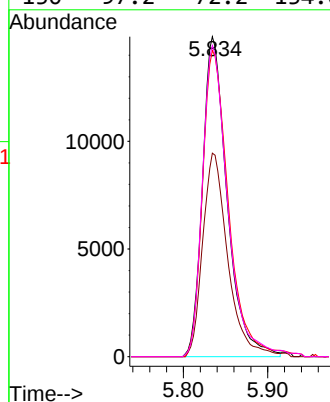
130 97.2 72.2 134.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#47

Tetrachloroethene

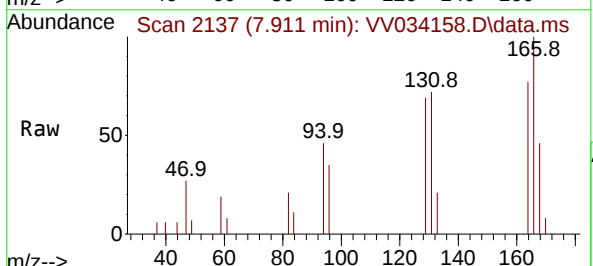
Concen: 0.466 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV034158.D

Acq: 13 Feb 2024 17:32



Tgt Ion:164 Resp: 2323

Ion Ratio Lower Upper

164 100

129 88.8 67.8 125.8

131 93.5 63.0 117.0

166 129.3 92.6 172.0

