

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038442.D
 Acq On : 06 Dec 2024 16:59
 Operator : SY/MD
 Sample : P5111-01DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG450DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 21:37:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	69673	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	51602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	16656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47291	8.856	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 177.200%#			
7) Chloroethane-d5	1.536	69	35210	8.151	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 163.000%#			
11) 1,1-Dichloroethene-d2	2.060	65	21544	9.375	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 187.400%#			
20) 2-Butanone-d5	3.857	46	16566m	15.507	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 31.020%#			
24) Chloroform-d	4.249	84	52577	5.073	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	4.953	65	12957	2.786	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 55.800%#			
32) Benzene-d6	4.960	84	97796	7.333	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 146.600%#			
36) 1,2-Dichloropropane-d6	5.989	67	24885	6.064	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 121.200%			
41) Toluene-d8	7.243	98	74242	6.016	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.400%			
43) trans-1,3-Dichloroprop...	7.584	79	4636m	3.038	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.800%			
46) 2-Hexanone-d5	8.059	63	4308m	7.264	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 14.520%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	9193	2.639	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 52.800%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	13803	4.864	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.200%			
Target Compounds						
2) Dichlorodifluoromethane	1.108	85	14095	2.138	ug/L	96
12) 1,1-Dichloroethene	2.069	96	6473	1.301	ug/L #	1
22) cis-1,2-Dichloroethene	3.828	96	5828	1.075	ug/L	90
34) Trichloroethene	5.834	95	37921	9.597	ug/L	97
47) Tetrachloroethene	7.899	164	38122	12.007	ug/L	98

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

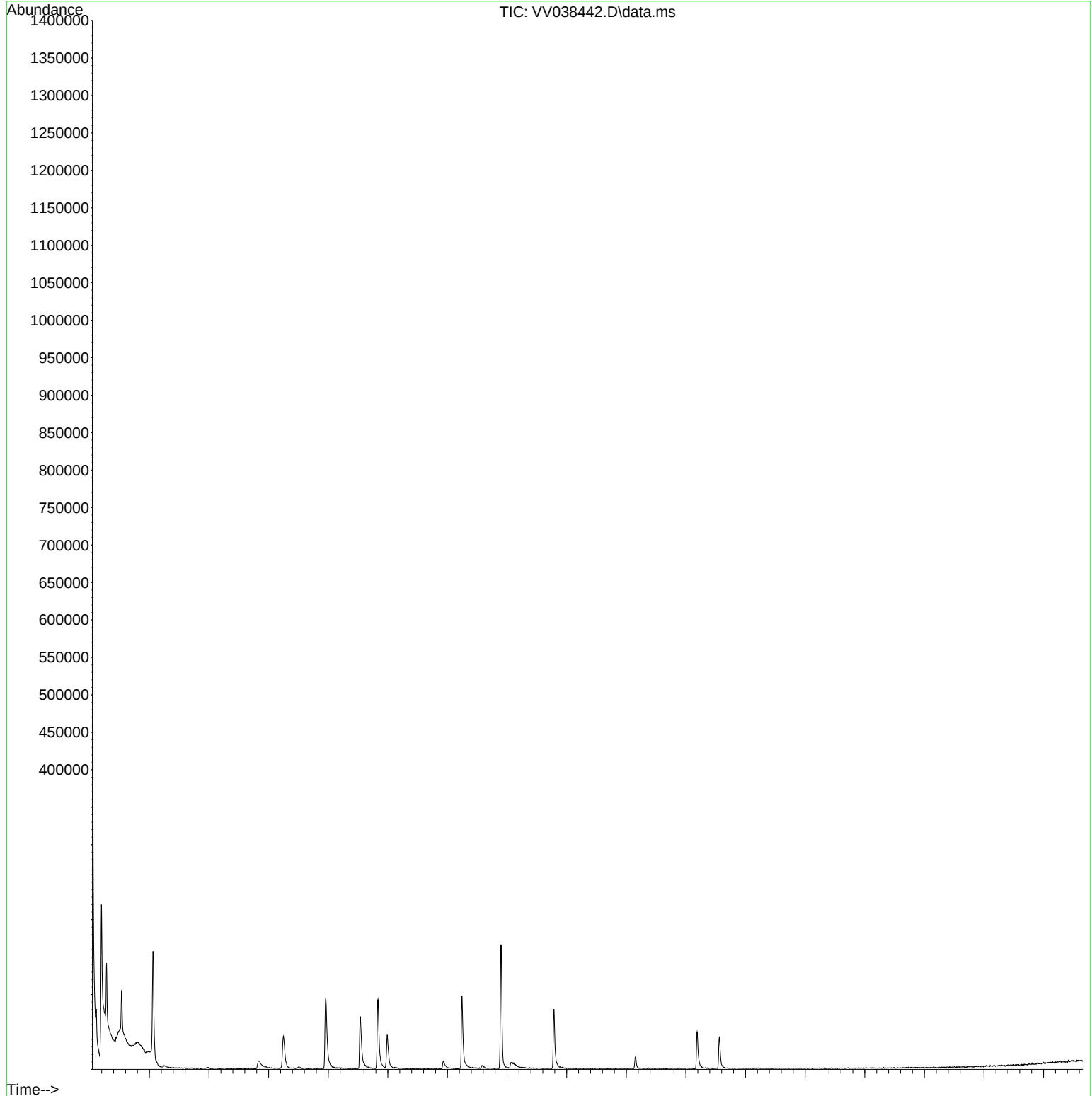
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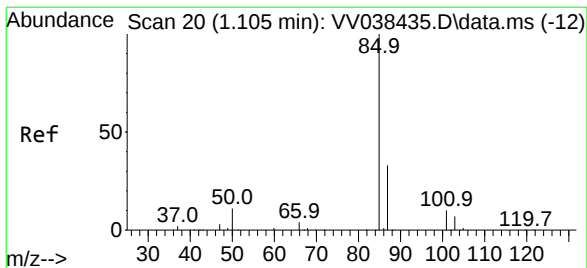
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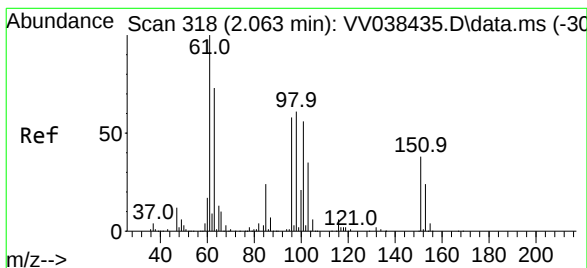
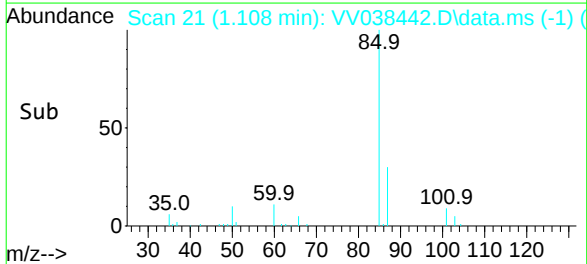
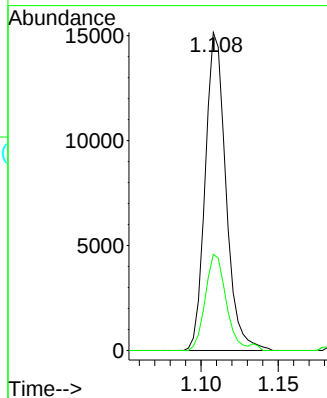
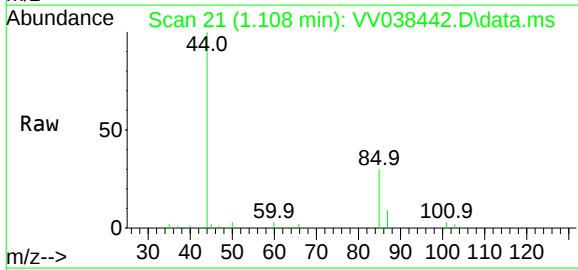
#2
Dichlorodifluoromethane
Concen: 2.138 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59

Instrument :
MSVOA_V
ClientSampleId :
BG450DL

Tgt Ion: 85 Resp: 14095
Ion Ratio Lower Upper
85 100
87 31.1 26.5 39.7

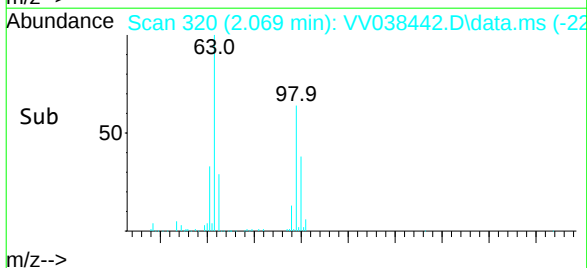
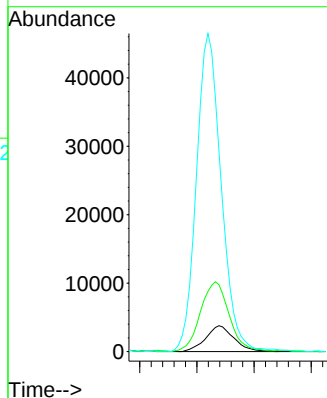
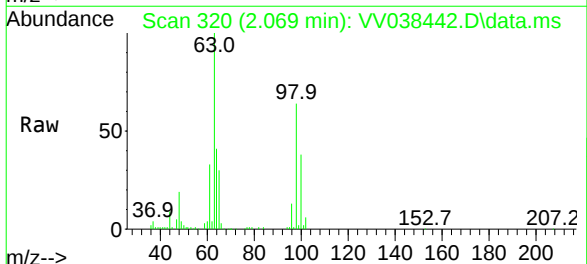
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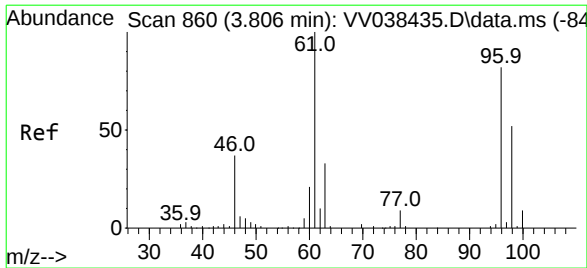
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#12
1,1-Dichloroethene
Concen: 1.301 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.006 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59

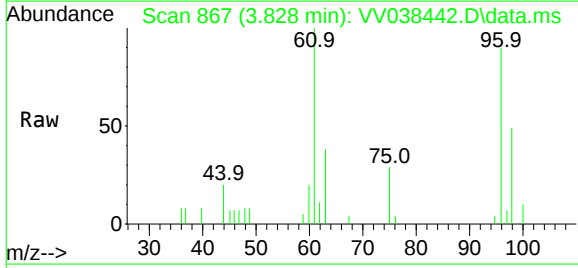
Tgt Ion: 96 Resp: 6473
Ion Ratio Lower Upper
96 100
61 258.2 115.7 214.9#
63 771.1 101.1 187.7#





#22
cis-1,2-Dichloroethene
Concen: 1.075 ug/L
RT: 3.828 min Scan# 860
Delta R.T. 0.022 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59

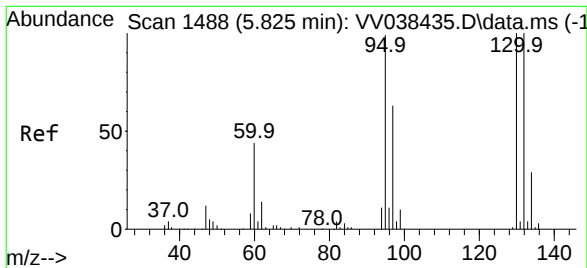
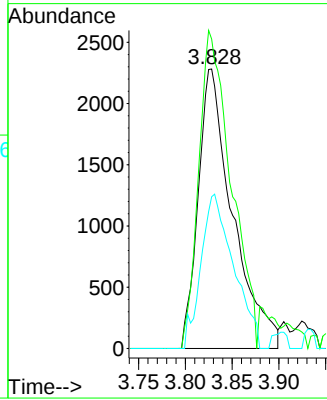
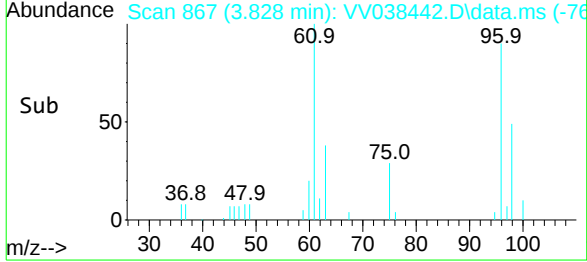
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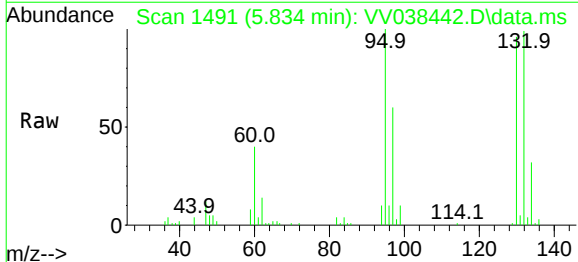
Tgt Ion: 96 Resp: 5828
Ion Ratio Lower Upper
96 100
61 110.7 82.7 153.5
98 54.3 46.3 85.9

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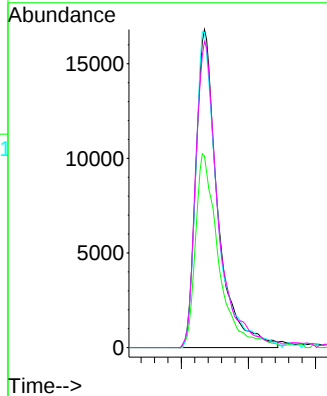
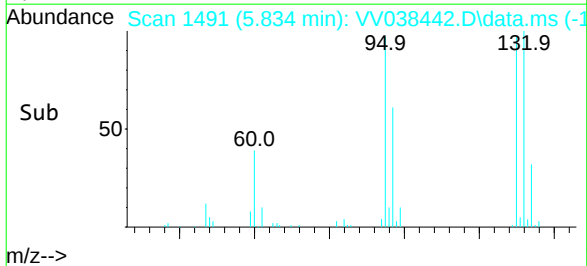
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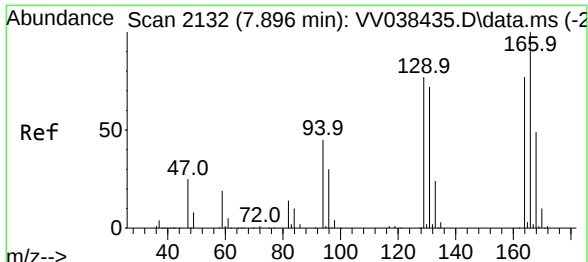


#34
Trichloroethene
Concen: 9.597 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59



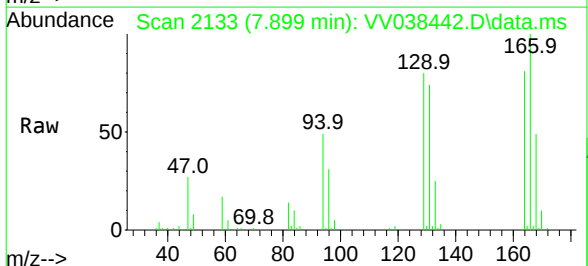
Tgt Ion: 95 Resp: 37921
Ion Ratio Lower Upper
95 100
97 60.2 44.8 83.2
132 99.1 68.3 126.8
130 96.2 70.2 130.4





#47
 Tetrachloroethene
 Concen: 12.007 ug/L
 RT: 7.899 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

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Tgt Ion:	164	Resp:	38122
Ion Ratio	Lower	Upper	
164	100		
129	99.1	68.5	127.1
131	91.1	64.8	120.4
166	123.7	88.3	163.9

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