

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037632.D
 Acq On : 28 Sep 2024 00:57
 Operator : SY/MD
 Sample : P4185-13DL 20X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

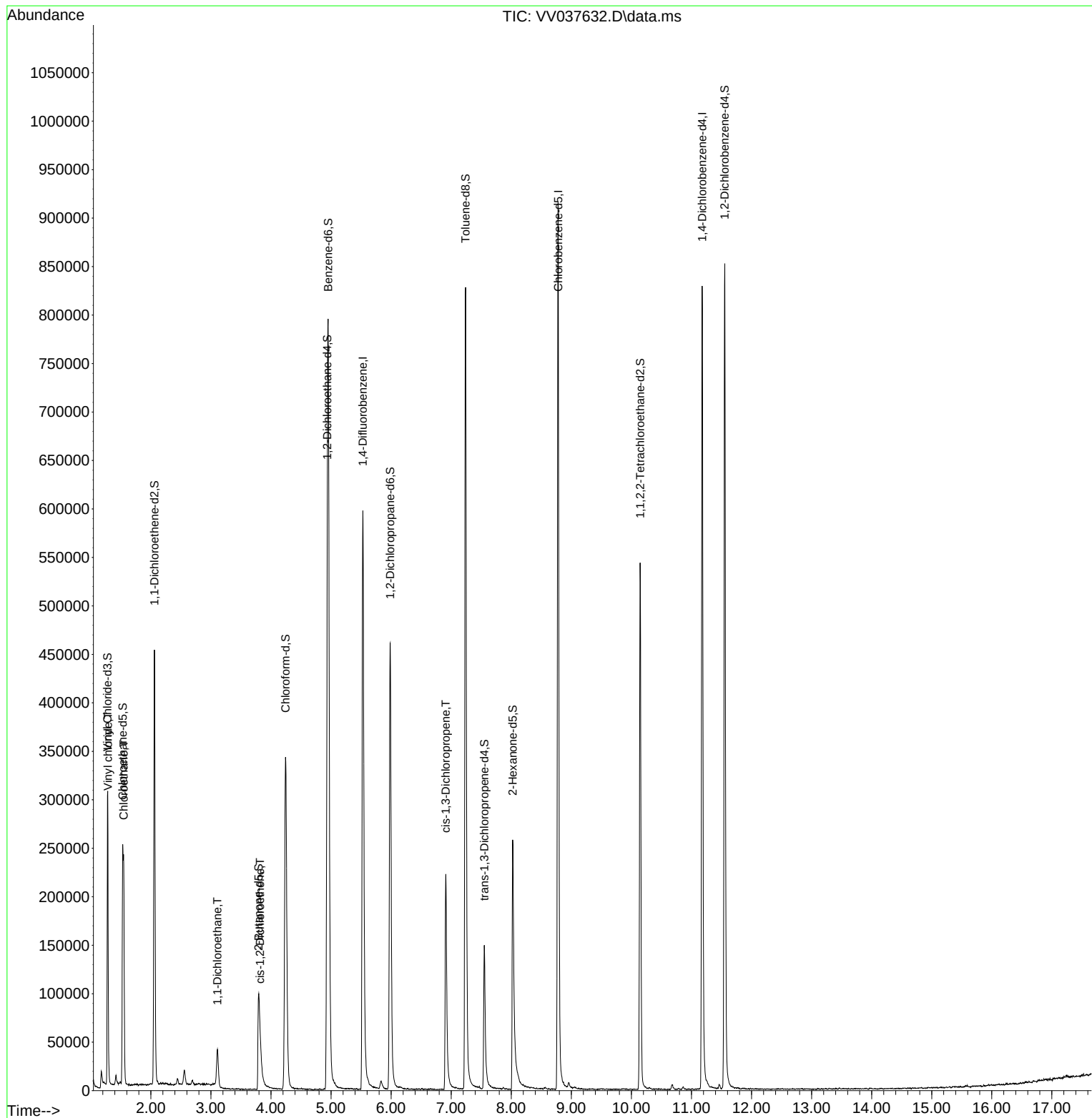
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	528088	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	506258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	220159	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167718	36.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.360%
7) Chloroethane-d5	1.532	69	150947	41.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.900%
11) 1,1-Dichloroethene-d2	2.060	65	73555	37.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.960%
21) 2-Butanone-d5	3.793	46	154257	93.423	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.420%
24) Chloroform-d	4.243	84	371868	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
26) 1,2-Dichloroethane-d4	4.937	65	228414	47.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
32) Benzene-d6	4.953	84	694295	43.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
36) 1,2-Dichloropropane-d6	5.985	67	233230	46.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.239	98	568678	39.588	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.180%#
43) trans-1,3-Dichloroprop...	7.551	79	92952	39.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.340%
47) 2-Hexanone-d5	8.024	63	87246	81.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.910%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	266261	45.427	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.860%
66) 1,2-Dichlorobenzene-d4	11.554	152	217846	46.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	44575	9.526	ug/L	94
8) Chloroethane	1.548	64	117912	40.885	ug/L	98
19) 1,1-Dichloroethane	3.108	63	34328	4.817	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	5016	1.205	ug/L	93
39) cis-1,3-Dichloropropene	6.908	75	5978	0.950	ug/L #	65

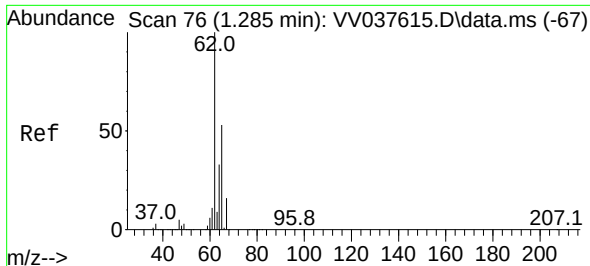
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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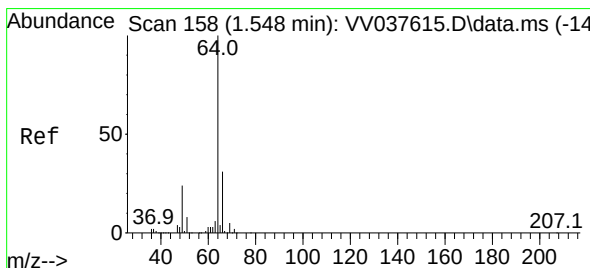
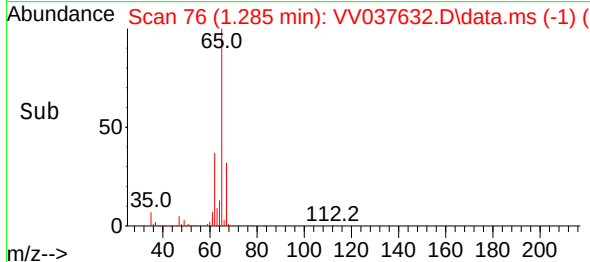
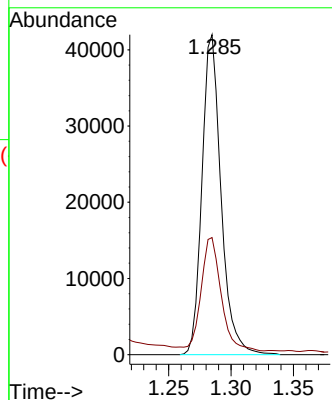
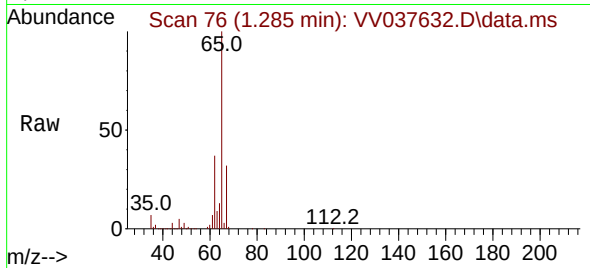




#5
 Vinyl chloride
 Concen: 9.526 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037632.D
 Acq: 28 Sep 2024 00:57

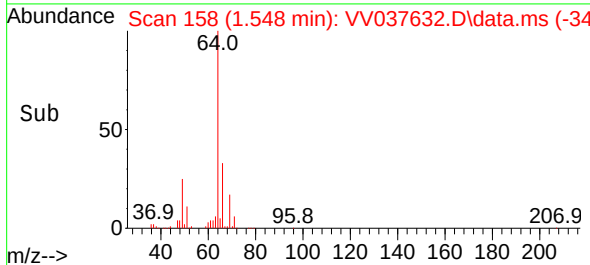
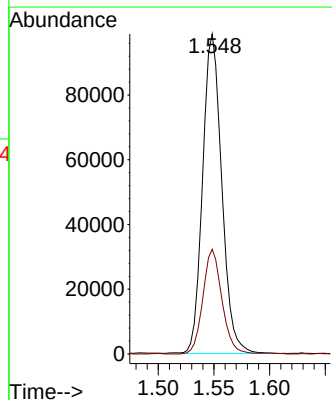
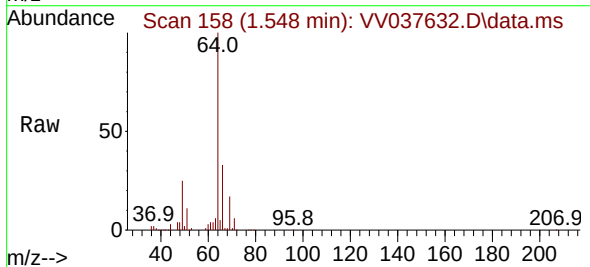
Instrument :
 MSVOA_V
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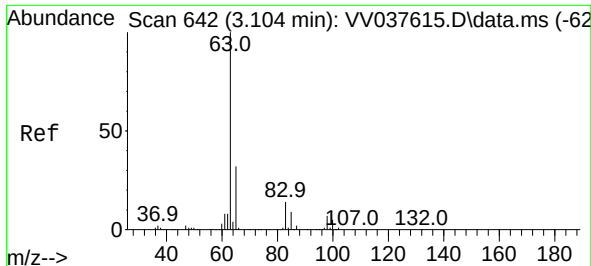
Tgt Ion: 62 Resp: 44575
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.2 43.0



#8
 Chloroethane
 Concen: 40.885 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV037632.D
 Acq: 28 Sep 2024 00:57

Tgt Ion: 64 Resp: 117912
 Ion Ratio Lower Upper
 64 100
 66 32.7 22.2 41.2

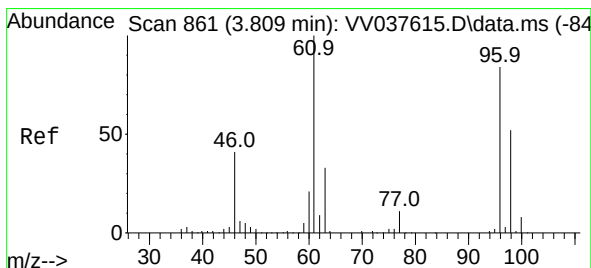
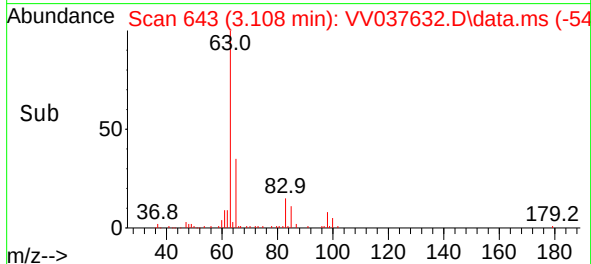
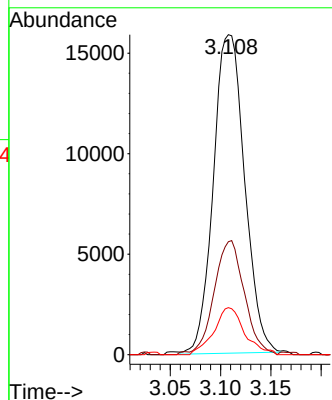
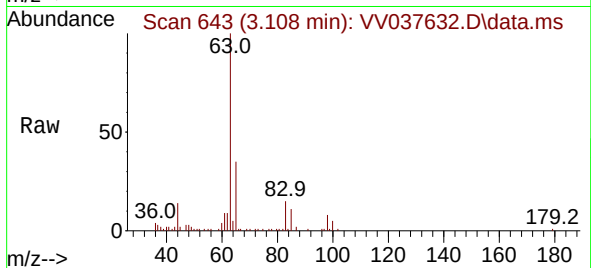




#19
1,1-Dichloroethane
Concen: 4.817 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037632.D
Acq: 28 Sep 2024 00:57

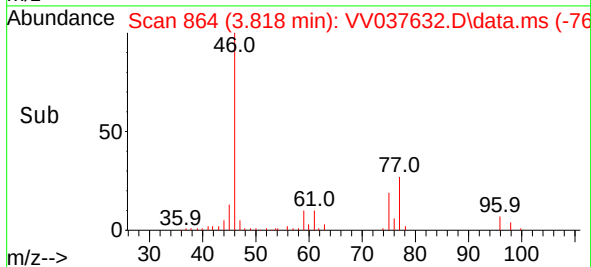
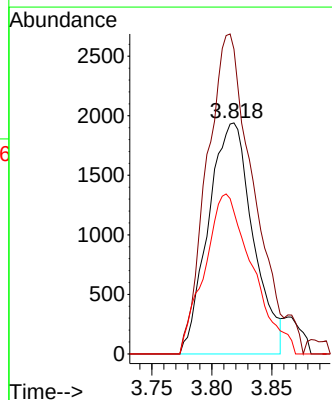
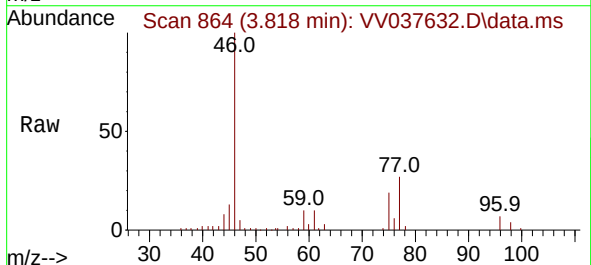
Instrument :
MSVOA_V
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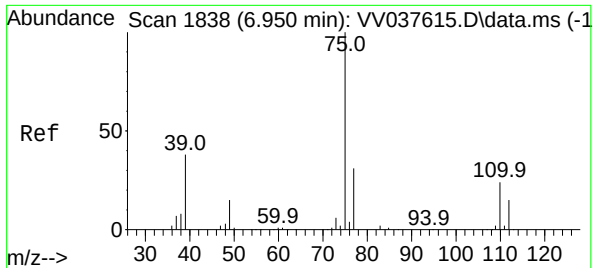
Tgt Ion: 63 Resp: 34328
Ion Ratio Lower Upper
63 100
65 35.3 22.4 41.6
83 14.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 1.205 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV037632.D
Acq: 28 Sep 2024 00:57

Tgt Ion: 96 Resp: 5016
Ion Ratio Lower Upper
96 100
61 132.0 85.0 157.8
98 61.4 44.2 82.0





#39
cis-1,3-Dichloropropene
Concen: 0.950 ug/L
RT: 6.908 min Scan# 11
Delta R.T. -0.042 min
Lab File: VV037632.D
Acq: 28 Sep 2024 00:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5978
Ion Ratio Lower Upper
75 100
77 50.5 21.8 40.4#

