

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037673.D
 Acq On : 30 Sep 2024 22:04
 Operator : SY/MD
 Sample : P4185-20DL 20X
 Misc : 5.20g/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 07:47:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

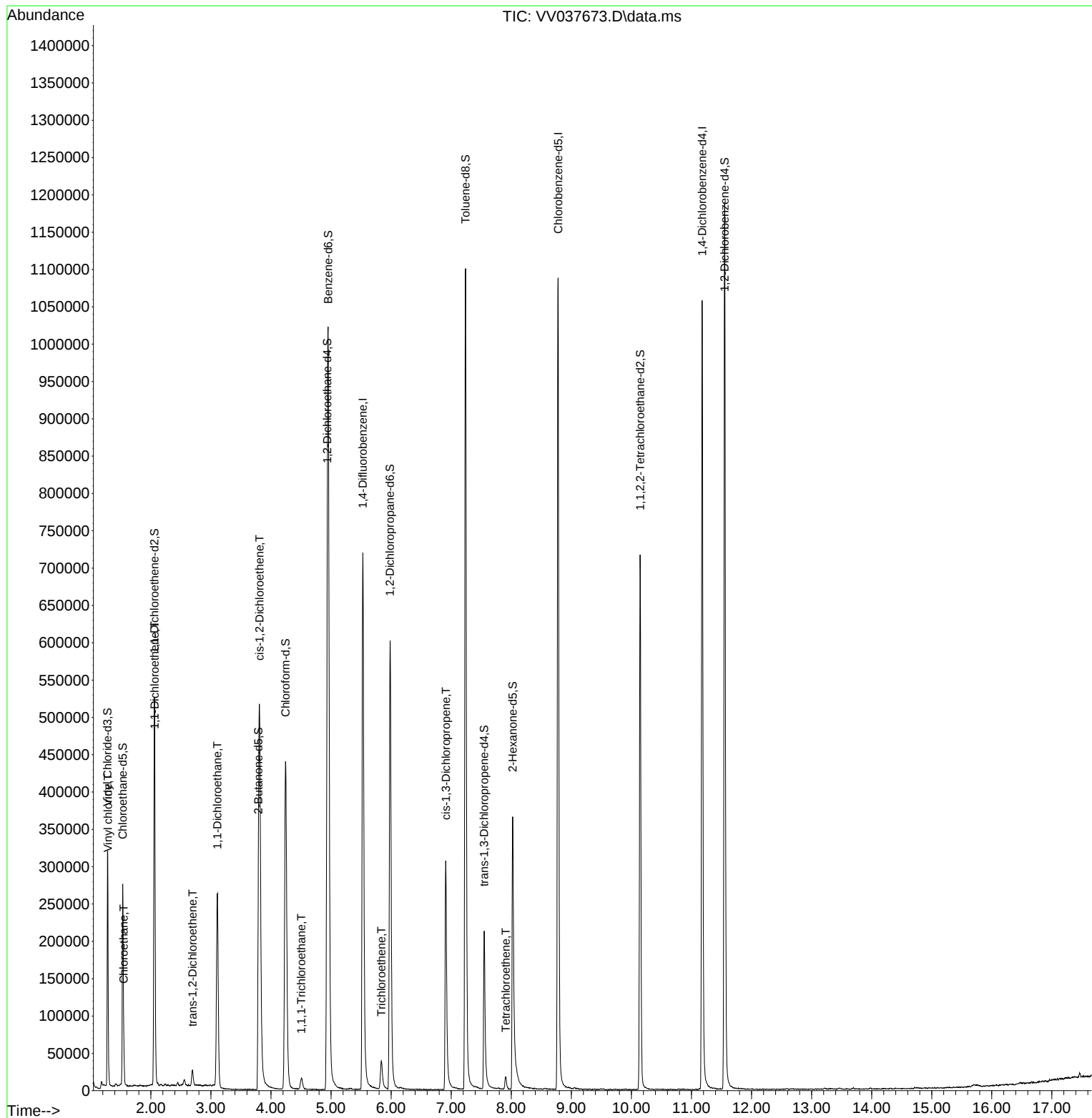
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	643142	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	604444	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180341	31.943	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.880%	
7) Chloroethane-d5	1.532	69	174925	39.916	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.840%	
11) 1,1-Dichloroethene-d2	2.060	65	86427	36.641	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.280%	
21) 2-Butanone-d5	3.789	46	203278	101.087	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.090%	
24) Chloroform-d	4.243	84	470736	46.865	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.740%	
26) 1,2-Dichloroethane-d4	4.937	65	295115	50.196	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.400%	
32) Benzene-d6	4.953	84	885677	46.826	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.660%	
36) 1,2-Dichloropropane-d6	5.982	67	300593	49.909	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.820%	
41) Toluene-d8	7.239	98	763036	44.490	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.980%	
43) trans-1,3-Dichloroprop...	7.548	79	127452	45.553	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.100%	
47) 2-Hexanone-d5	8.024	63	126209	99.238	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.240%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351696	50.256	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.520%	
66) 1,2-Dichlorobenzene-d4	11.554	152	314291	54.095	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	37667	6.610	ug/L	91
8) Chloroethane	1.548	64	19435	5.533	ug/L	97
12) 1,1-Dichloroethene	2.066	96	4282	1.000	ug/L #	1
17) trans-1,2-Dichloroethene	2.696	96	7519	1.660	ug/L	96
19) 1,1-Dichloroethane	3.108	63	255118	29.396	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	249733	49.268	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	12115	1.627	ug/L	99
34) Trichloroethene	5.838	95	13049	2.688	ug/L	99
39) cis-1,3-Dichloropropene	6.912	75	7519	1.001	ug/L #	74
46) Tetrachloroethene	7.908	164	4409	1.188	ug/L	96

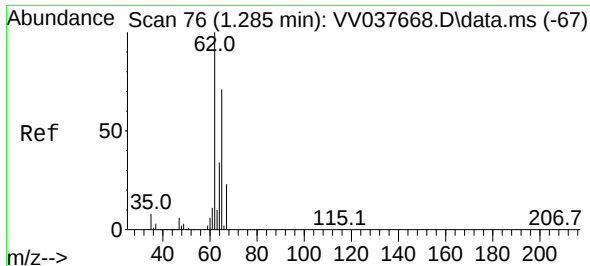
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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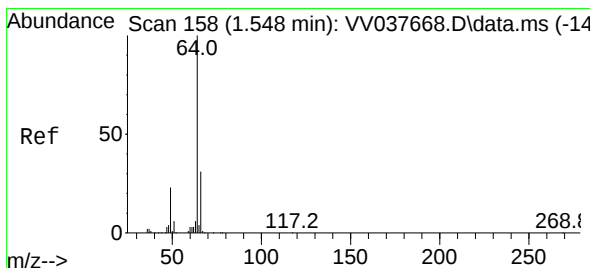
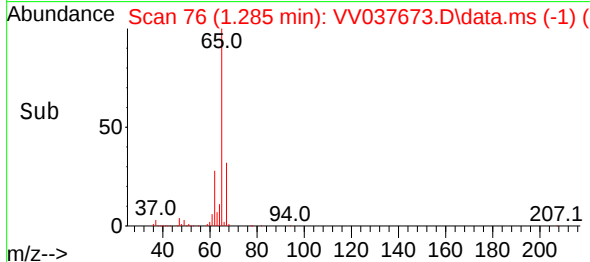
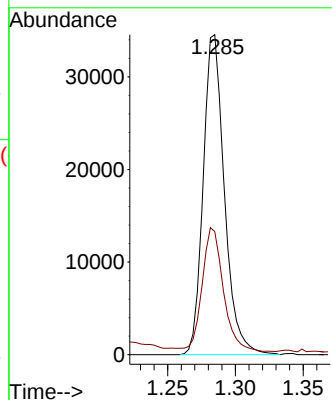
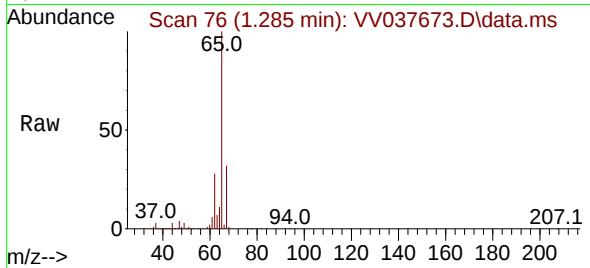




#5
 Vinyl chloride
 Concen: 6.610 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037673.D
 Acq: 30 Sep 2024 22:04

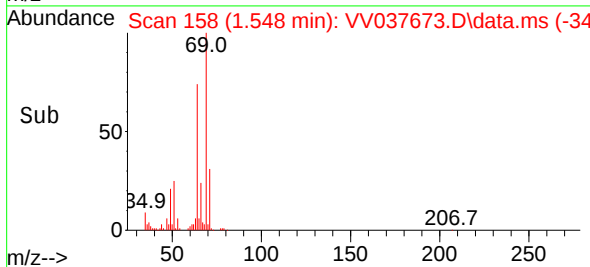
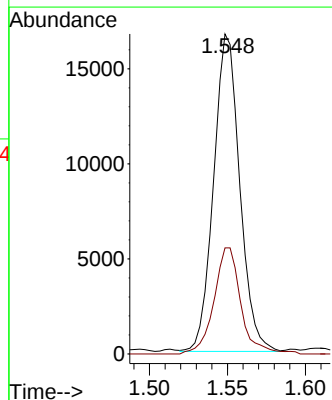
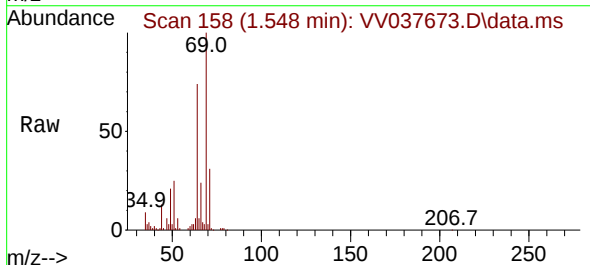
Instrument :
 MSVOA_V
 ClientSampleId :

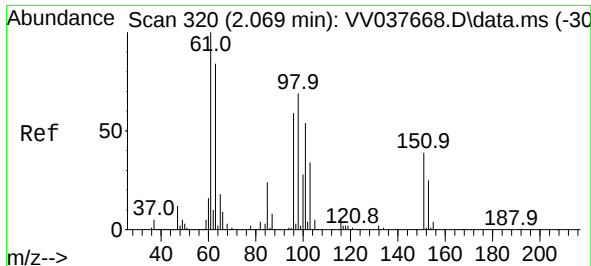
Tgt Ion: 62 Resp: 37667
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.2 43.0



#8
 Chloroethane
 Concen: 5.533 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV037673.D
 Acq: 30 Sep 2024 22:04

Tgt Ion: 64 Resp: 19435
 Ion Ratio Lower Upper
 64 100
 66 33.1 22.2 41.2





#12

1,1-Dichloroethene

Concen: 1.000 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

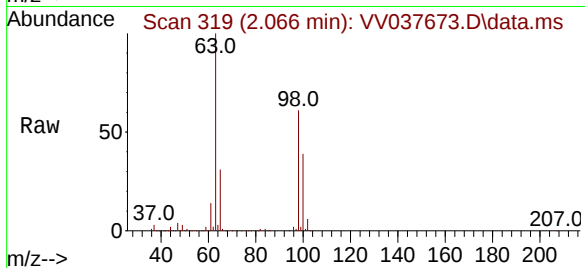
Lab File: VV037673.D

Acq: 30 Sep 2024 22:04

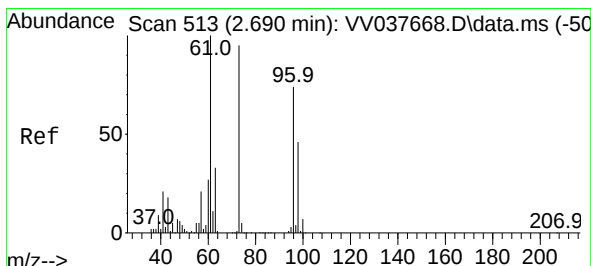
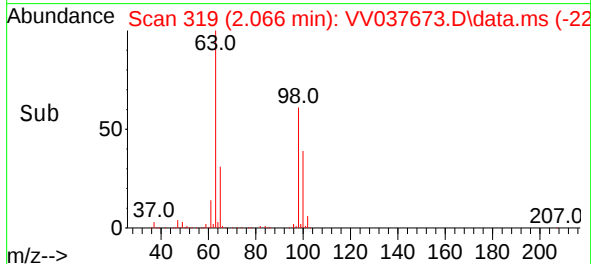
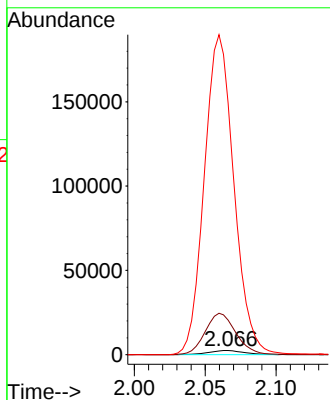
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	4282
Ion	Ratio	Lower	Upper
96	100		
61	819.8	122.6	227.6#
63	5967.4	118.0	219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.660 ug/L

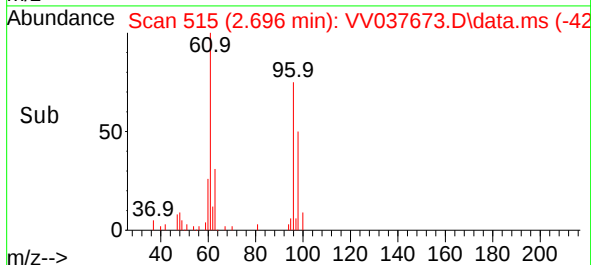
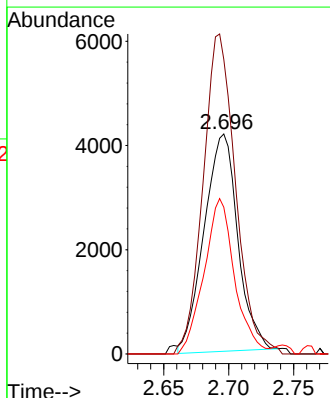
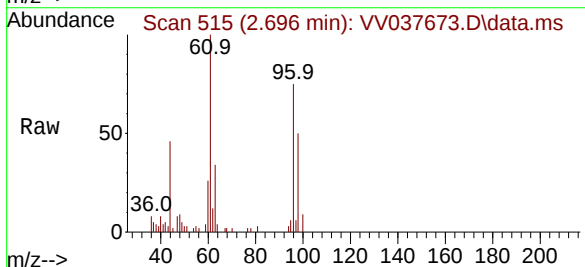
RT: 2.696 min Scan# 515

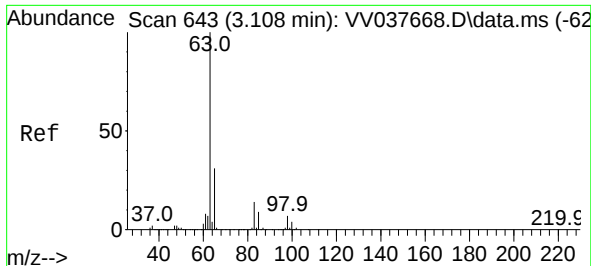
Delta R.T. 0.007 min

Lab File: VV037673.D

Acq: 30 Sep 2024 22:04

Tgt Ion:	96	Resp:	7519
Ion	Ratio	Lower	Upper
96	100		
61	133.9	97.3	180.7
98	66.7	43.9	81.5





#19

1,1-Dichloroethane

Concen: 29.396 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

Lab File: VV037673.D

Acq: 30 Sep 2024 22:04

Instrument :

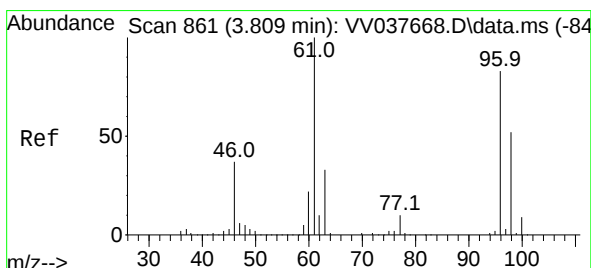
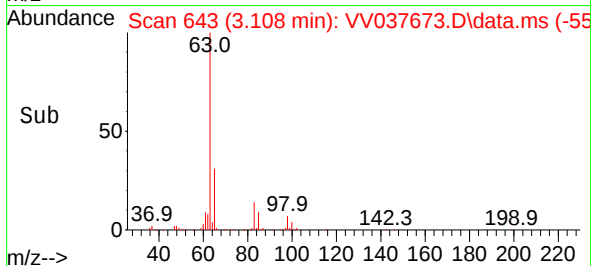
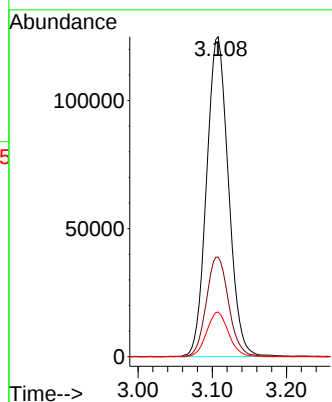
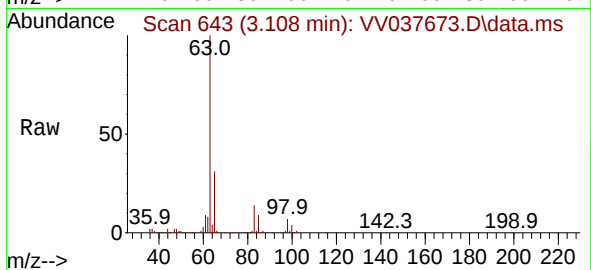
MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 255118

Ion Ratio Lower Upper

63	100		
65	31.1	22.4	41.6
83	14.0	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 49.268 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

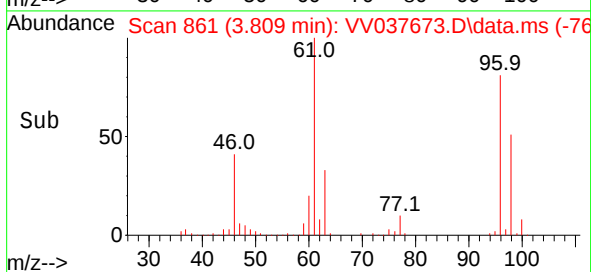
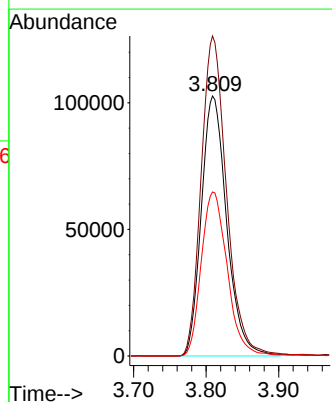
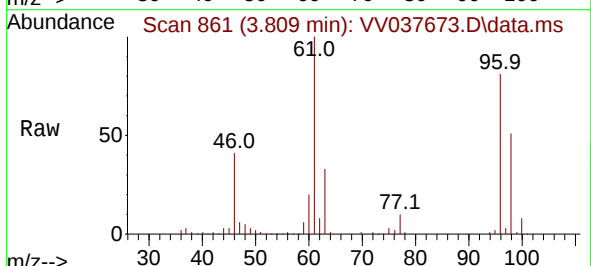
Lab File: VV037673.D

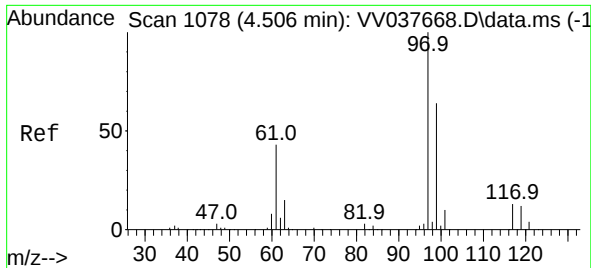
Acq: 30 Sep 2024 22:04

Tgt Ion: 96 Resp: 249733

Ion Ratio Lower Upper

96	100		
61	123.1	85.0	157.8
98	63.1	44.2	82.0

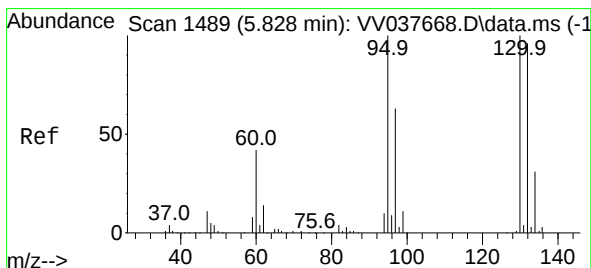
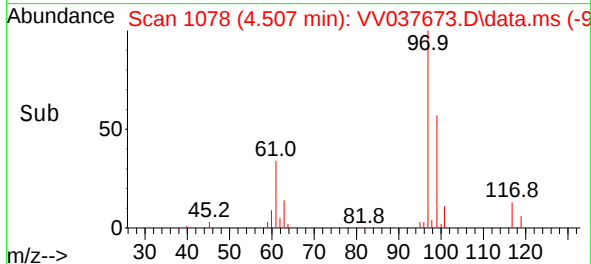
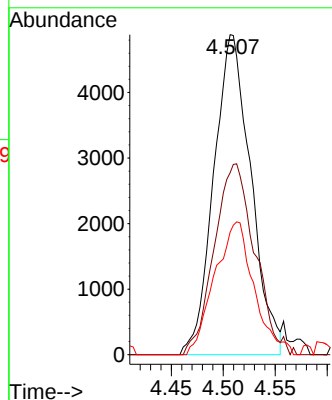
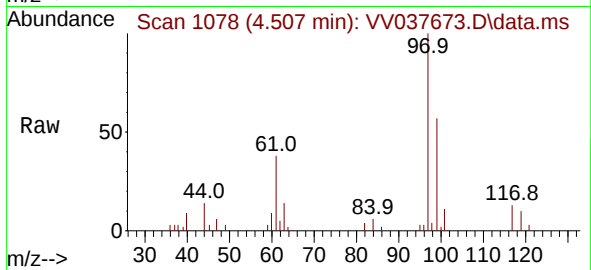




#30
1,1,1-Trichloroethane
Concen: 1.627 ug/L
RT: 4.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV037673.D
Acq: 30 Sep 2024 22:04

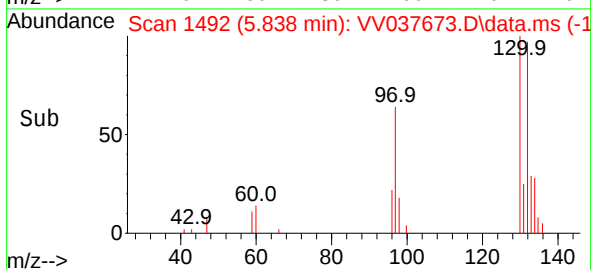
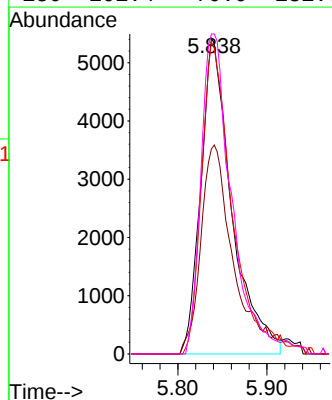
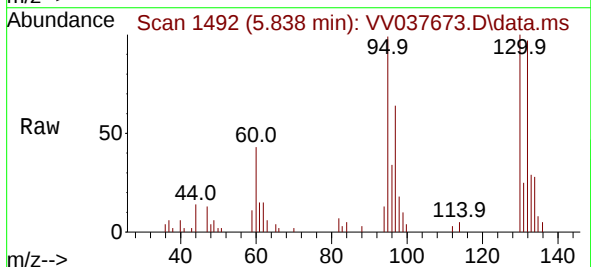
Instrument :
MSVOA_V
ClientSampleId :

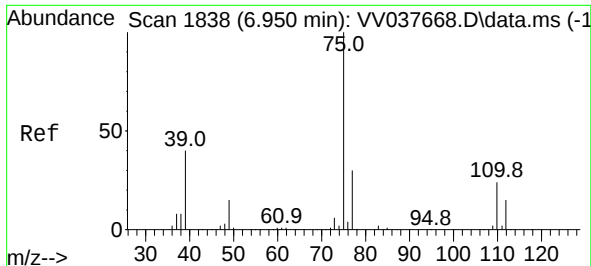
Tgt Ion: 97 Resp: 12115
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 44.1 33.6 50.4



#34
Trichloroethene
Concen: 2.688 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037673.D
Acq: 30 Sep 2024 22:04

Tgt Ion: 95 Resp: 13049
Ion Ratio Lower Upper
95 100
97 65.0 46.3 85.9
132 98.8 68.6 127.4
130 101.4 70.9 131.7





#39

cis-1,3-Dichloropropene

Concen: 1.001 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV037673.D

Acq: 30 Sep 2024 22:04

Instrument :

MSVOA_V

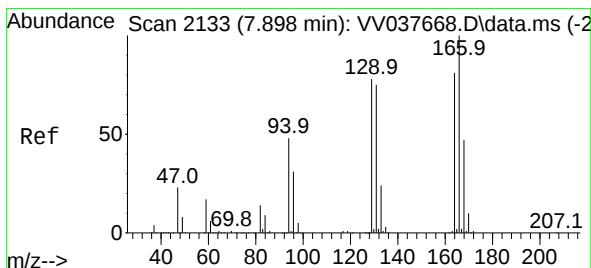
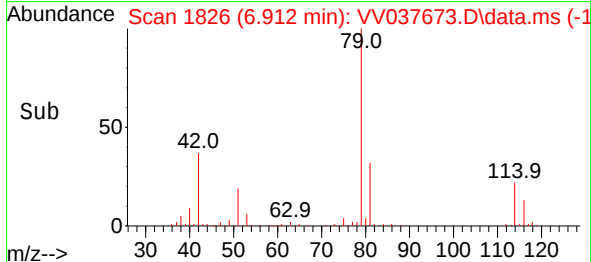
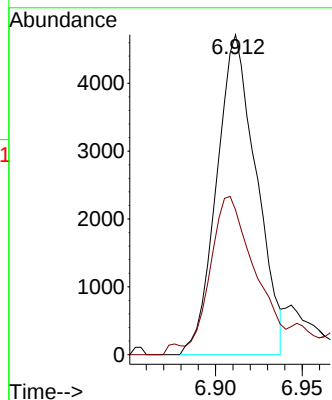
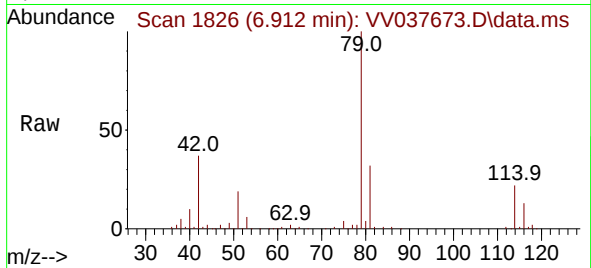
ClientSampleId :

Tgt Ion: 75 Resp: 7519

Ion Ratio Lower Upper

75 100

77 45.2 21.8 40.4#



#46

Tetrachloroethene

Concen: 1.188 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.010 min

Lab File: VV037673.D

Acq: 30 Sep 2024 22:04

Tgt Ion:164 Resp: 4409

Ion Ratio Lower Upper

164 100

129 92.0 68.2 126.6

131 101.7 66.1 122.8

166 128.2 91.1 169.1

