

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037103.D
 Acq On : 27 Aug 2024 21:56
 Operator : SY/MD
 Sample : P3692-23
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 06:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

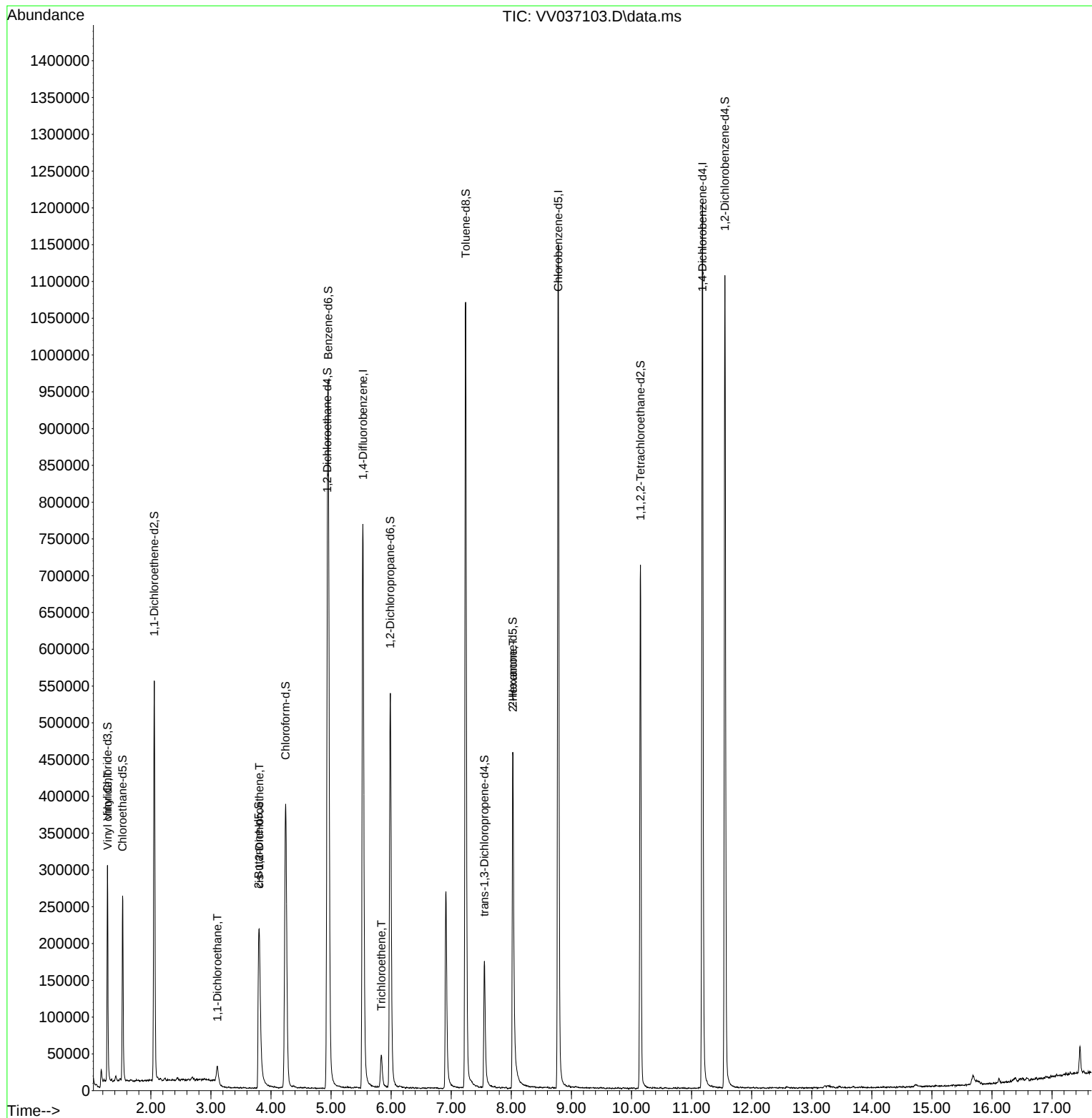
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	626242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	306492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181904	29.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.840%#
7) Chloroethane-d5	1.529	69	166612	35.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	2.057	65	90840	35.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.100%
21) 2-Butanone-d5	3.796	46	255370	108.478	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.480%
24) Chloroform-d	4.243	84	406756	42.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
26) 1,2-Dichloroethane-d4	4.937	65	267809	44.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
32) Benzene-d6	4.954	84	812115	42.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	5.986	67	264397	44.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.260%
41) Toluene-d8	7.240	98	717320	42.020	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	7.551	79	105247	38.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.800%
47) 2-Hexanone-d5	8.024	63	165629	102.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	339686	47.276	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	11.555	152	279205	45.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	11204	1.890	ug/L #	37
19) 1,1-Dichloroethane	3.105	63	18284	2.046	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	44144	8.876	ug/L	94
34) Trichloroethene	5.838	95	17626	3.695	ug/L	91
48) 2-Hexanone	8.027	43	21047	5.525	ug/L #	75

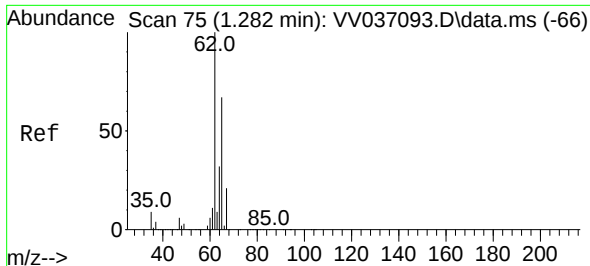
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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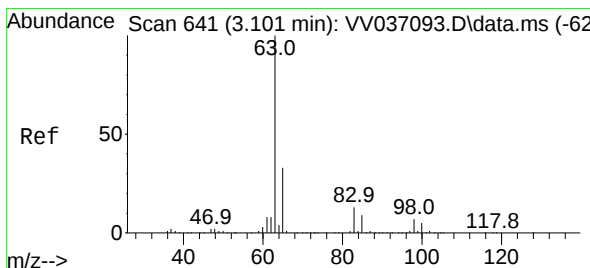
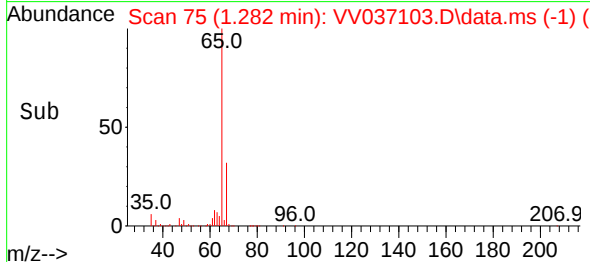
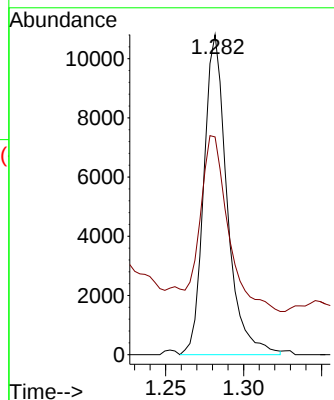
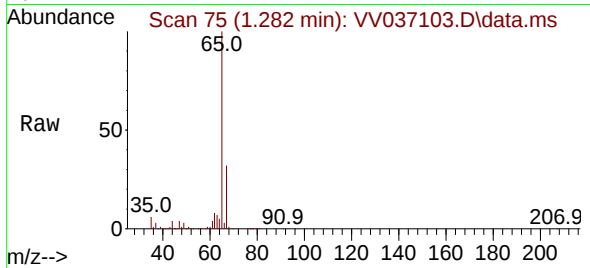




#5
 Vinyl chloride
 Concen: 1.890 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037103.D
 Acq: 27 Aug 2024 21:56

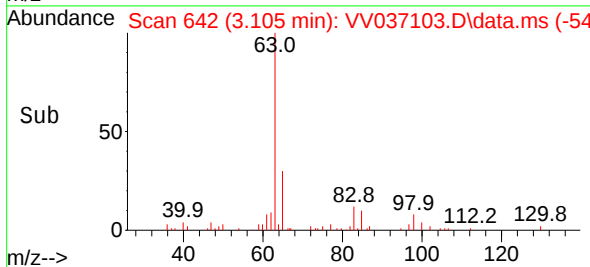
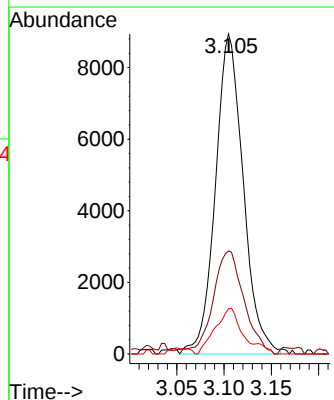
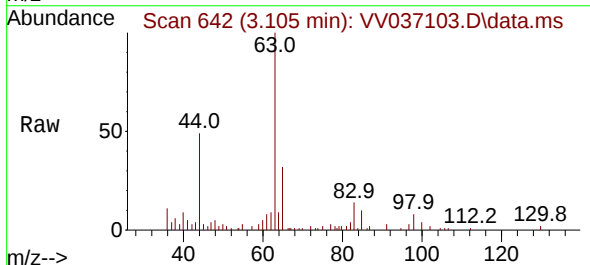
Instrument :
 MSVOA_V
 ClientSampleId :

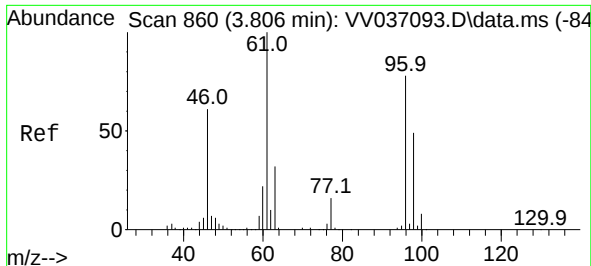
Tgt Ion: 62 Resp: 11204
 Ion Ratio Lower Upper
 62 100
 64 68.0 22.8 42.4#



#19
 1,1-Dichloroethane
 Concen: 2.046 ug/L
 RT: 3.105 min Scan# 642
 Delta R.T. 0.003 min
 Lab File: VV037103.D
 Acq: 27 Aug 2024 21:56

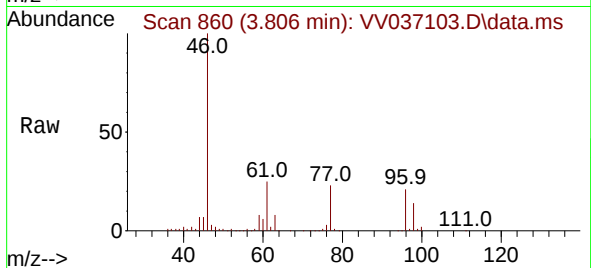
Tgt Ion: 63 Resp: 18284
 Ion Ratio Lower Upper
 63 100
 65 32.2 22.0 41.0
 83 14.2 9.2 17.0



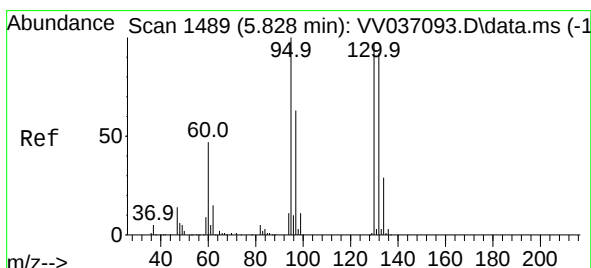
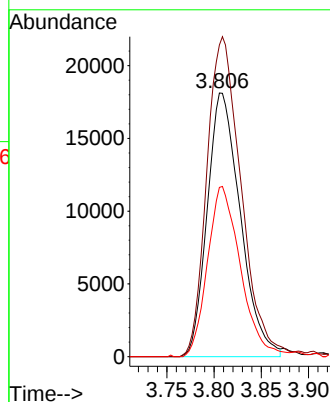
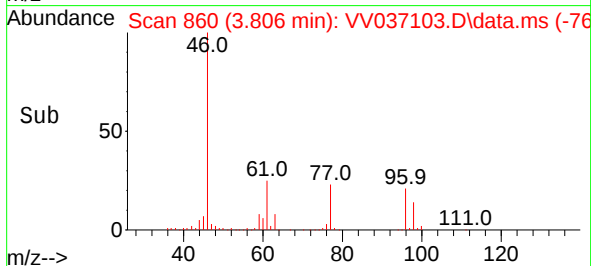


#20
cis-1,2-Dichloroethene
Concen: 8.876 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037103.D
Acq: 27 Aug 2024 21:56

Instrument :
MSVOA_V
ClientSampleId :

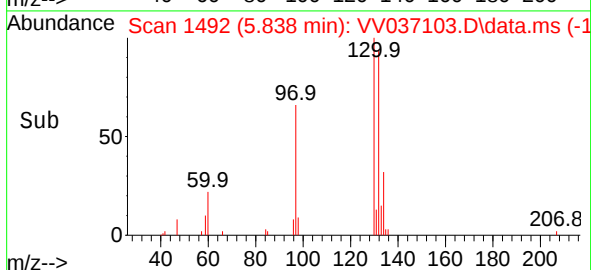
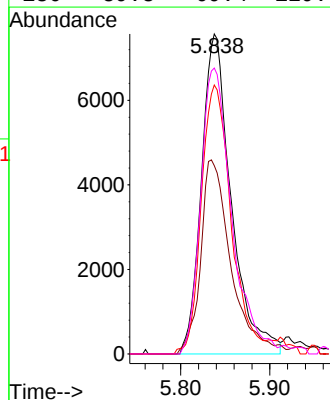
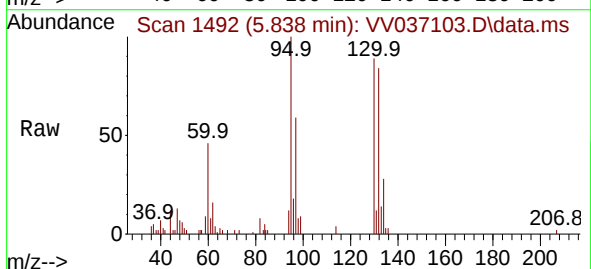


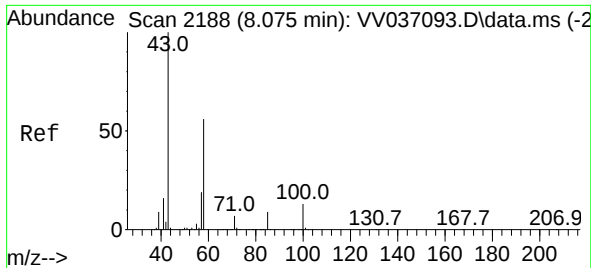
Tgt Ion: 96 Resp: 44144
Ion Ratio Lower Upper
96 100
61 118.2 89.9 166.9
98 64.2 44.8 83.2



#34
Trichloroethene
Concen: 3.695 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037103.D
Acq: 27 Aug 2024 21:56

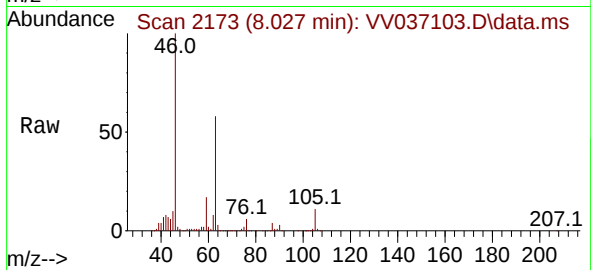
Tgt Ion: 95 Resp: 17626
Ion Ratio Lower Upper
95 100
97 58.9 44.4 82.5
132 84.0 64.9 120.5
130 89.3 69.4 129.0





#48
 2-Hexanone
 Concen: 5.525 ug/L
 RT: 8.027 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV037103.D
 Acq: 27 Aug 2024 21:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 21047
Ion Ratio	Lower Upper
43 100	
58 36.8	46.0 69.0#
57 24.8	15.6 23.4#
100 0.7	10.6 16.0#

