

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037583.D
 Acq On : 27 Sep 2024 04:45
 Operator : SY/MD
 Sample : P4185-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY054

Quant Time: Sep 27 05:59:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

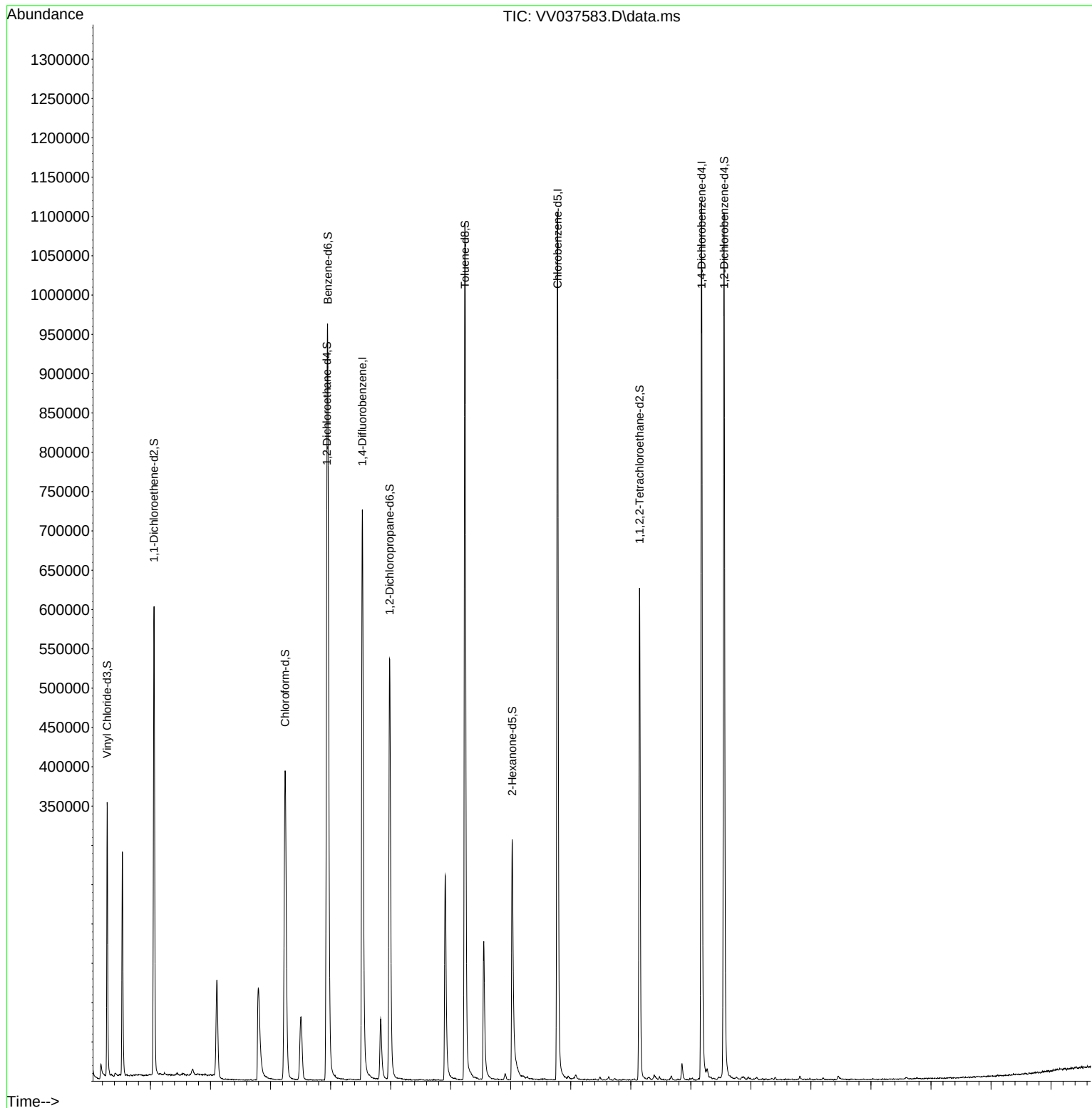
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	647943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224259	39.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.860%
7) Chloroethane-d5	1.532	69	184146	41.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.420%
11) 1,1-Dichloroethene-d2	2.060	65	100898	42.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.920%
21) 2-Butanone-d5	3.796	46	172551	85.172	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.170%
24) Chloroform-d	4.243	84	427546	42.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
26) 1,2-Dichloroethane-d4	4.937	65	258354	43.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
32) Benzene-d6	4.953	84	851758	43.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
36) 1,2-Dichloropropane-d6	5.982	67	269737	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.420%
41) Toluene-d8	7.236	98	750684	42.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.420%
43) trans-1,3-Dichloroprop...	7.551	79	110903	38.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.360%
47) 2-Hexanone-d5	8.024	63	103664	79.546	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.550%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308419	43.009	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.020%
66) 1,2-Dichlorobenzene-d4	11.554	152	286003	45.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.660%
Target Compounds						
5) Vinyl chloride	1.285	62	9360	1.630	ug/L #	35
8) Chloroethane	1.548	64	6696	1.892	ug/L	92
19) 1,1-Dichloroethane	3.105	63	121293	13.872	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	13696	2.682	ug/L	88
30) 1,1,1-Trichloroethane	4.506	97	70096	9.189	ug/L	99
34) Trichloroethene	5.834	95	29103	5.850	ug/L	97

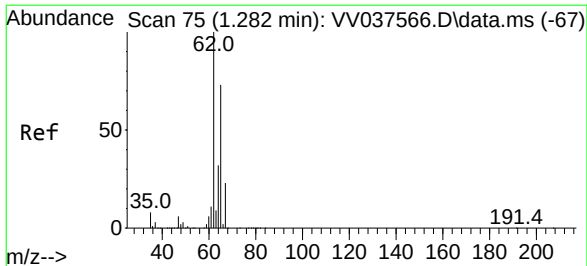
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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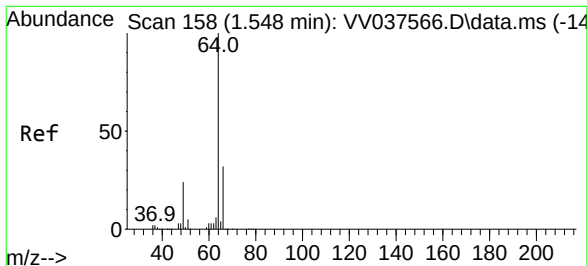
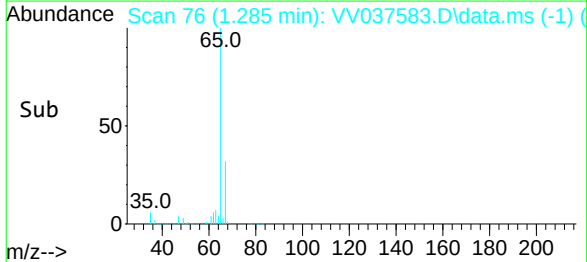
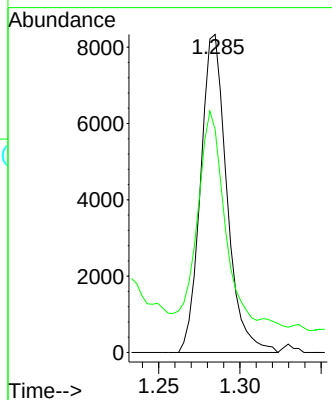
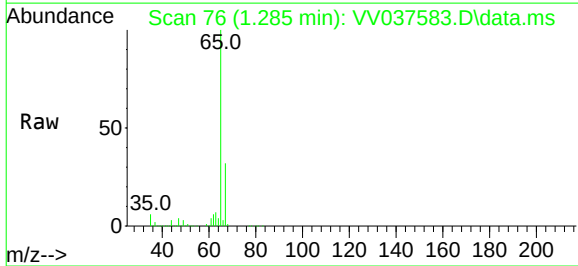




#5
 Vinyl chloride
 Concen: 1.630 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VV037583.D
 Acq: 27 Sep 2024 04:45

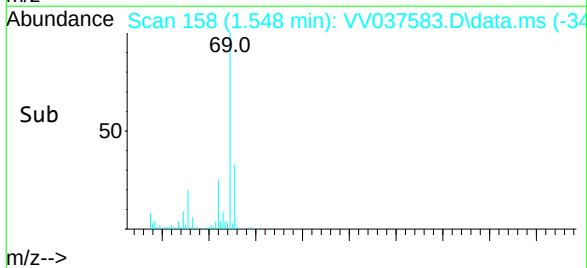
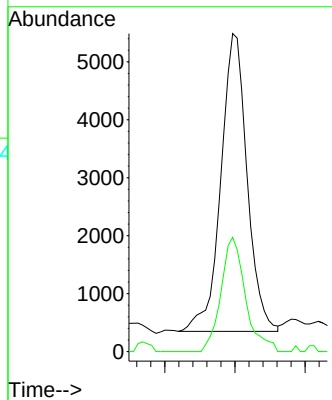
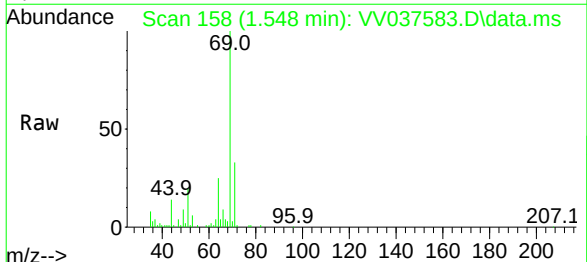
Instrument :
 MSVOA_V
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 EY054

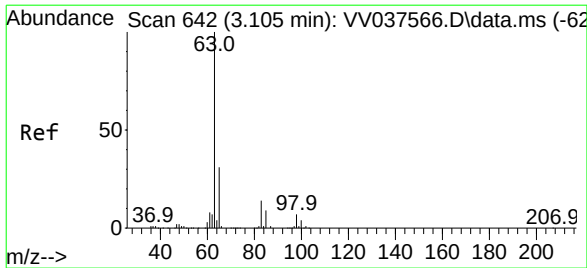
Tgt Ion: 62 Resp: 9360
 Ion Ratio Lower Upper
 62 100
 64 70.1 23.2 43.0#



#8
 Chloroethane
 Concen: 1.892 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VV037583.D
 Acq: 27 Sep 2024 04:45

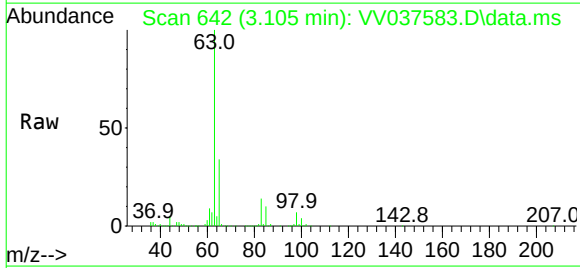
Tgt Ion: 64 Resp: 6696
 Ion Ratio Lower Upper
 64 100
 66 35.9 22.2 41.2



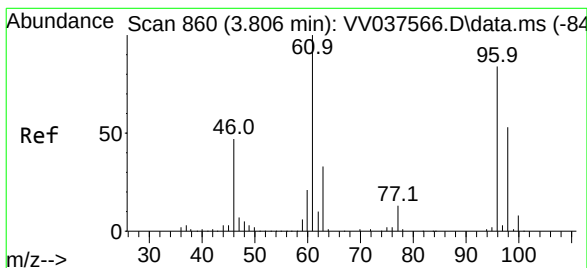
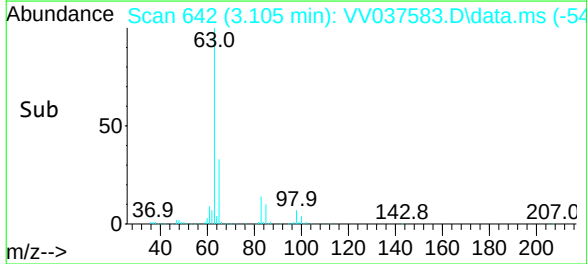
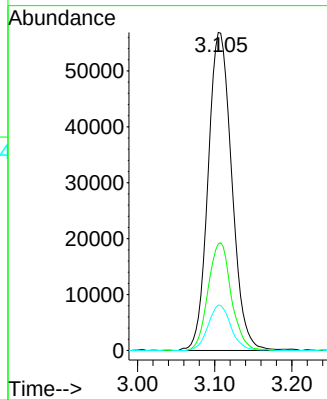


#19
1,1-Dichloroethane
Concen: 13.872 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037583.D
Acq: 27 Sep 2024 04:45

Instrument :
MSVOA_V
ClientSampleId :
EY054

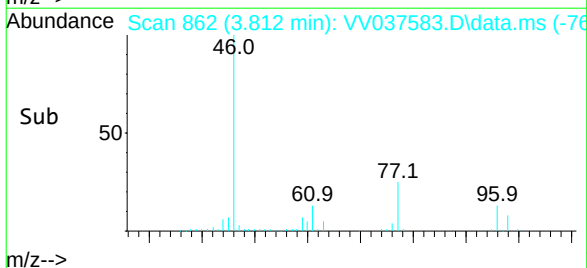
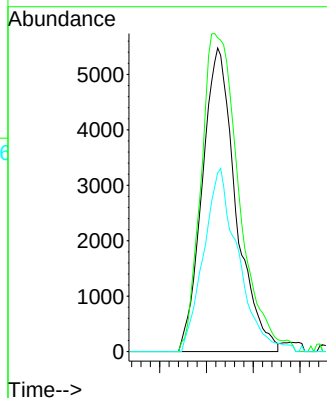
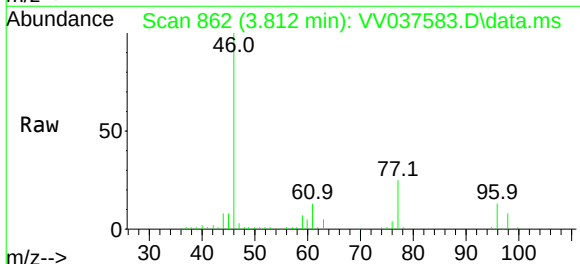


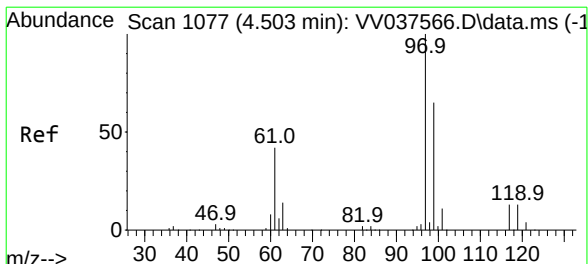
Tgt Ion: 63 Resp: 121293
Ion Ratio Lower Upper
63 100
65 33.6 22.4 41.6
83 14.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 2.682 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037583.D
Acq: 27 Sep 2024 04:45

Tgt Ion: 96 Resp: 13696
Ion Ratio Lower Upper
96 100
61 103.4 85.0 157.8
98 58.8 44.2 82.0

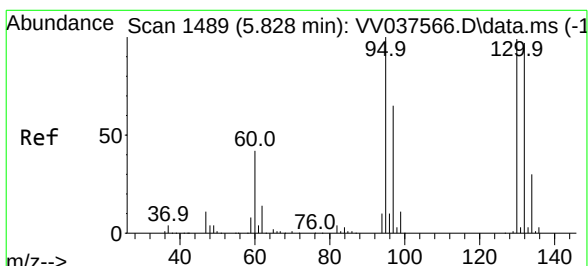
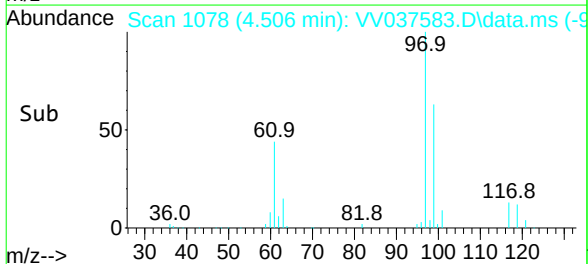
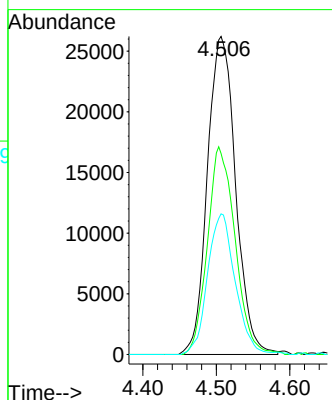
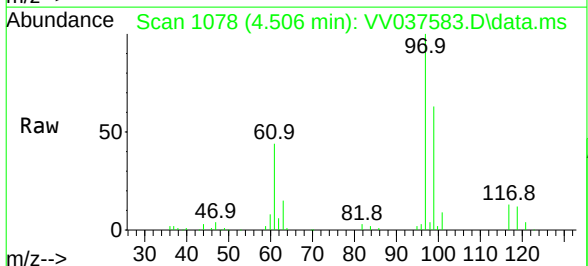




#30
 1,1,1-Trichloroethane
 Concen: 9.189 ug/L
 RT: 4.506 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV037583.D
 Acq: 27 Sep 2024 04:45

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Tgt Ion:	97	Resp:	70096
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	43.1	33.6	50.4



#34
 Trichloroethene
 Concen: 5.850 ug/L
 RT: 5.834 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: VV037583.D
 Acq: 27 Sep 2024 04:45

Tgt Ion:	95	Resp:	29103
Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.3	85.9
132	97.2	68.6	127.4
130	107.1	70.9	131.7

