

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037584.D
 Acq On : 27 Sep 2024 05:07
 Operator : SY/MD
 Sample : P4185-12
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY055

Quant Time: Sep 27 05:59:20 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)

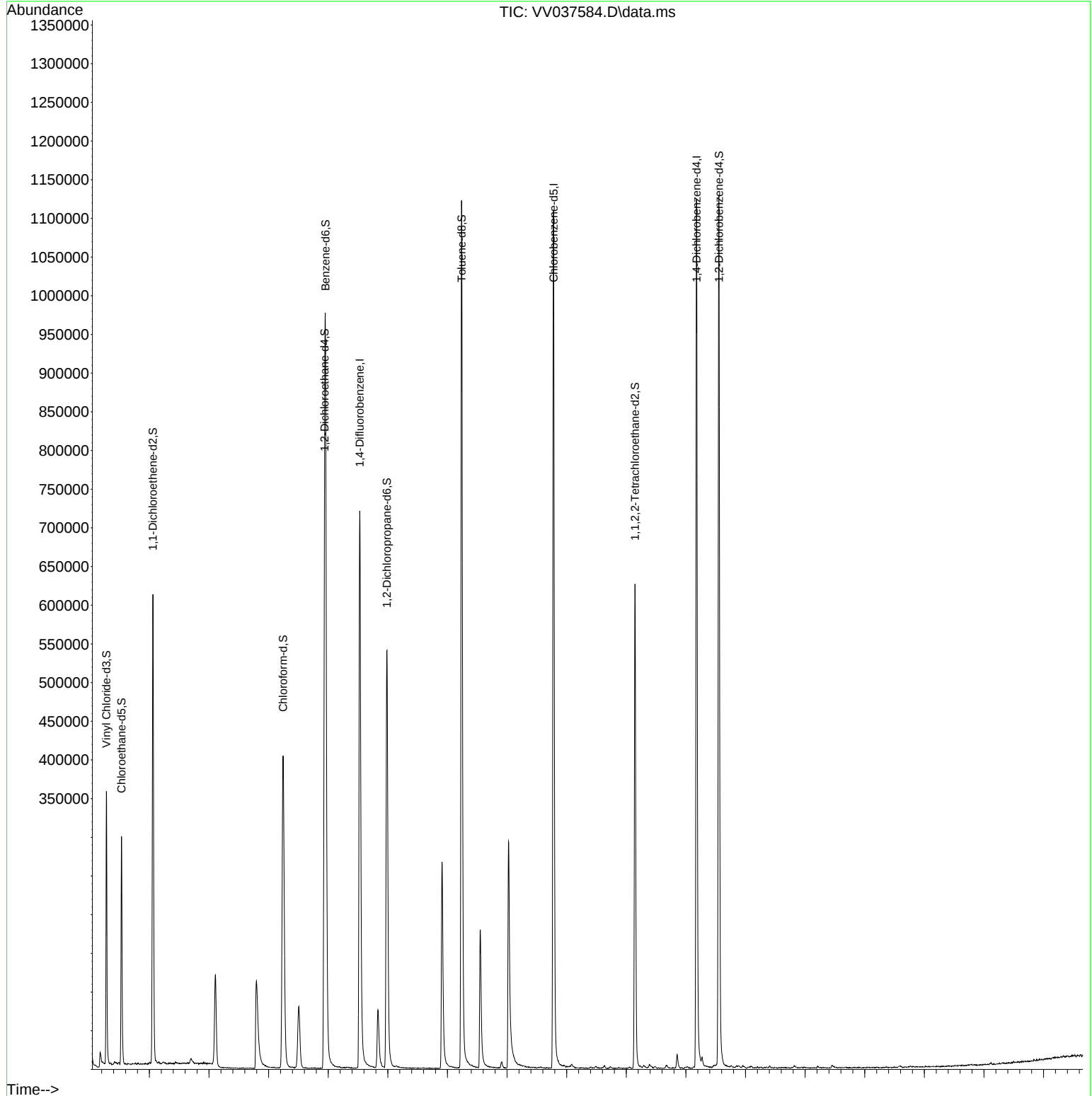
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	643413	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	613863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	292401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	227204	40.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.460%
7) Chloroethane-d5	1.532	69	191158	43.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.060	65	101256	42.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.820%
21) 2-Butanone-d5	3.793	46	171670	85.333	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.330%
24) Chloroform-d	4.243	84	435136	43.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.937	65	262529	44.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
32) Benzene-d6	4.953	84	870762	45.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	5.982	67	278013	45.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.900%
41) Toluene-d8	7.236	98	770215	44.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.548	79	114346	40.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.480%
47) 2-Hexanone-d5	8.024	63	102431	79.306	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.310%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	304960	42.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.820%
66) 1,2-Dichlorobenzene-d4	11.554	152	292944	47.544	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
5) Vinyl chloride	1.285	62	7820	1.372	ug/L #	29
8) Chloroethane	1.548	64	5218	1.485	ug/L	93
19) 1,1-Dichloroethane	3.108	63	115186	13.267	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	11163	2.201	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	66893	8.848	ug/L	99
34) Trichloroethene	5.834	95	29282	5.939	ug/L	97

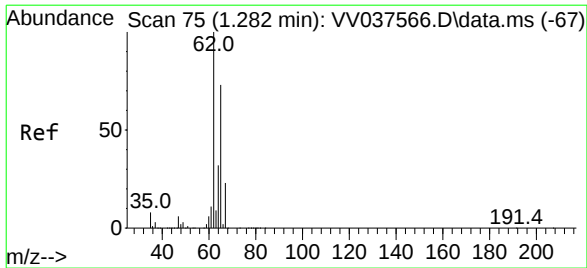
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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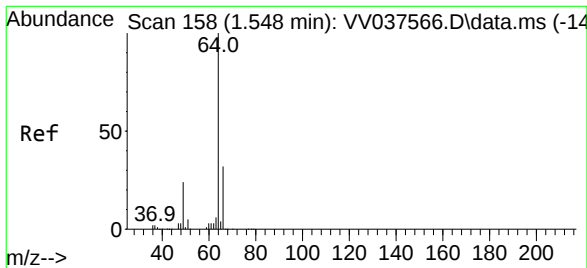
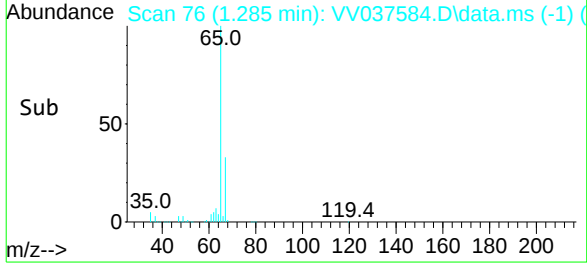
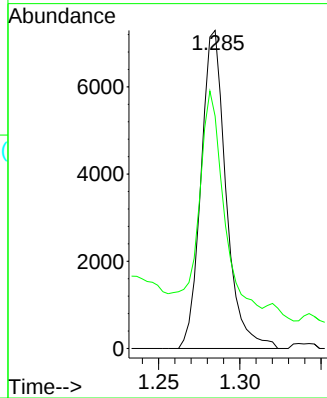
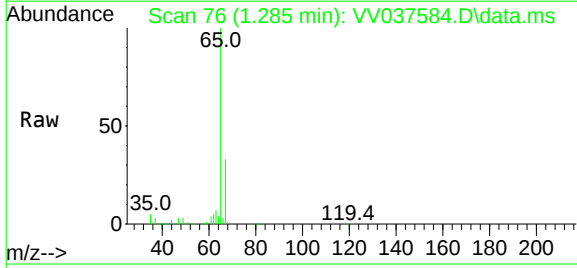




#5
Vinyl chloride
Concen: 1.372 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

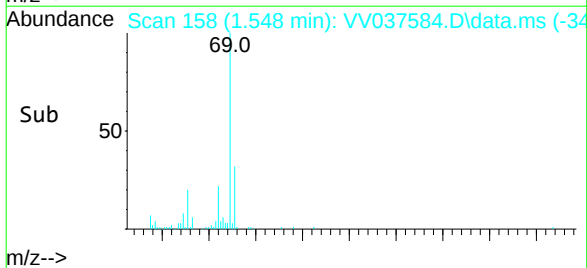
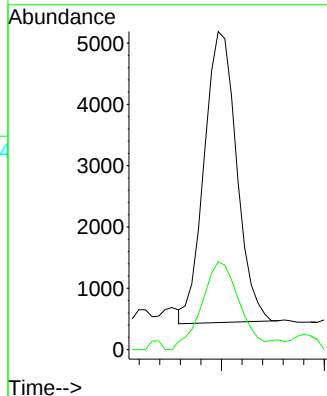
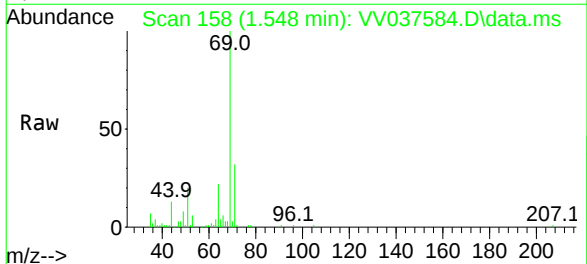
Instrument :
MSVOA_V
ClientSampleId :
EY055

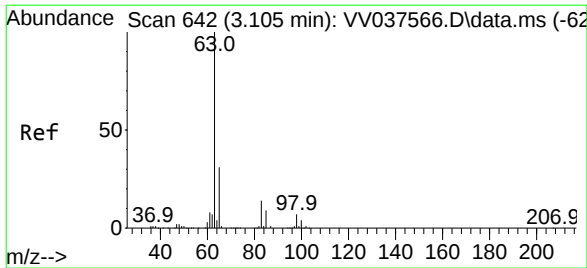
Tgt Ion: 62 Resp: 7820
Ion Ratio Lower Upper
62 100
64 73.0 23.2 43.0#



#8
Chloroethane
Concen: 1.485 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

Tgt Ion: 64 Resp: 5218
Ion Ratio Lower Upper
64 100
66 27.6 22.2 41.2

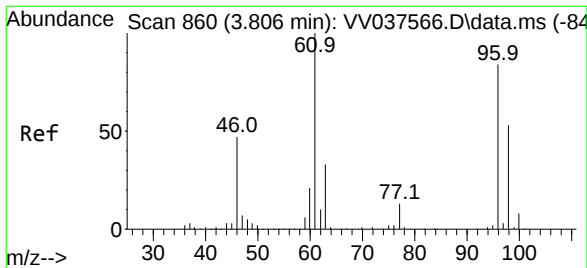
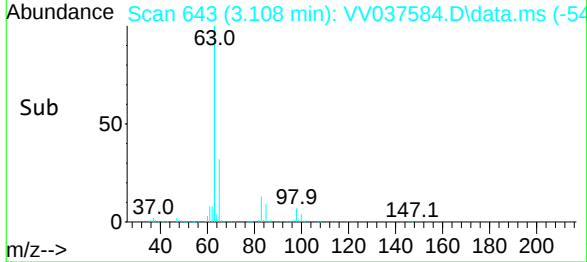
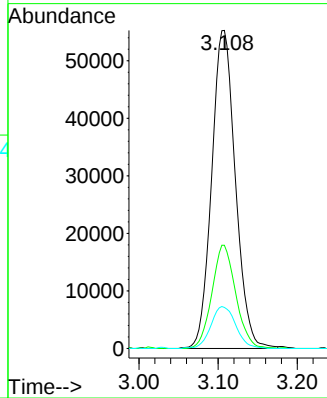
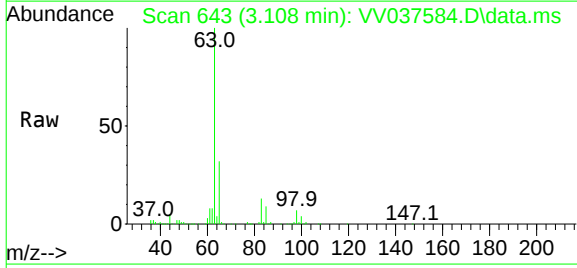




#19
1,1-Dichloroethane
Concen: 13.267 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

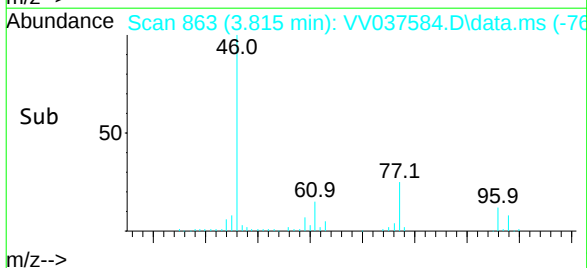
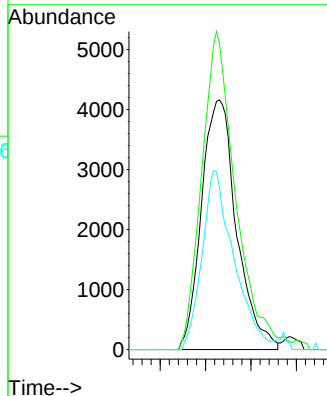
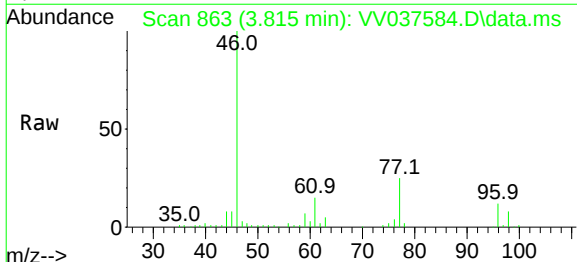
Instrument :
MSVOA_V
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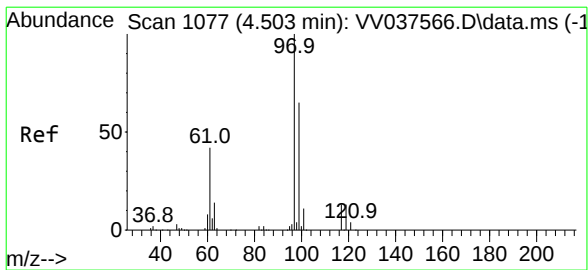
Tgt Ion: 63 Resp: 115186
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 12.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 2.201 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

Tgt Ion: 96 Resp: 11163
Ion Ratio Lower Upper
96 100
61 122.6 85.0 157.8
98 65.1 44.2 82.0

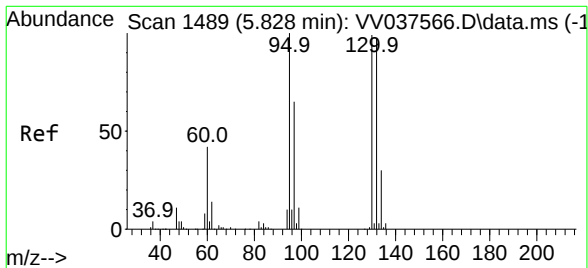
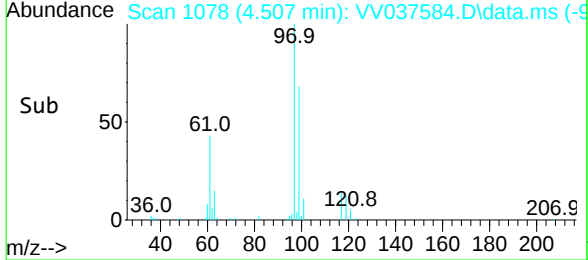
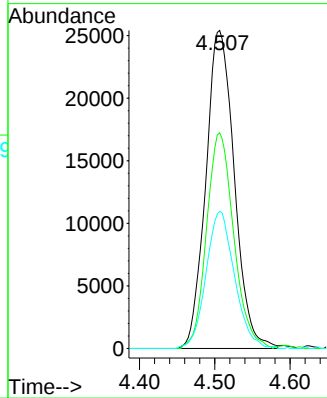
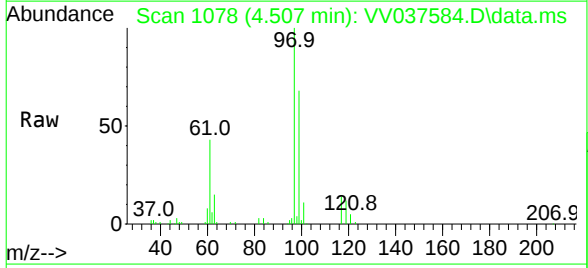




#30
1,1,1-Trichloroethane
Concen: 8.848 ug/L
RT: 4.507 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

Instrument :
MSVOA_V
ClientSampleId :
EY055

Tgt Ion: 97 Resp: 66893
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.0 33.6 50.4



#34
Trichloroethene
Concen: 5.939 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV037584.D
Acq: 27 Sep 2024 05:07

Tgt Ion: 95 Resp: 29282
Ion Ratio Lower Upper
95 100
97 65.7 46.3 85.9
132 103.4 68.6 127.4
130 102.6 70.9 131.7

