

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037614.D
 Acq On : 27 Sep 2024 18:08
 Operator : SY/MD
 Sample : P4184-17DL 4X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY043DL

Quant Time: Sep 27 23:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

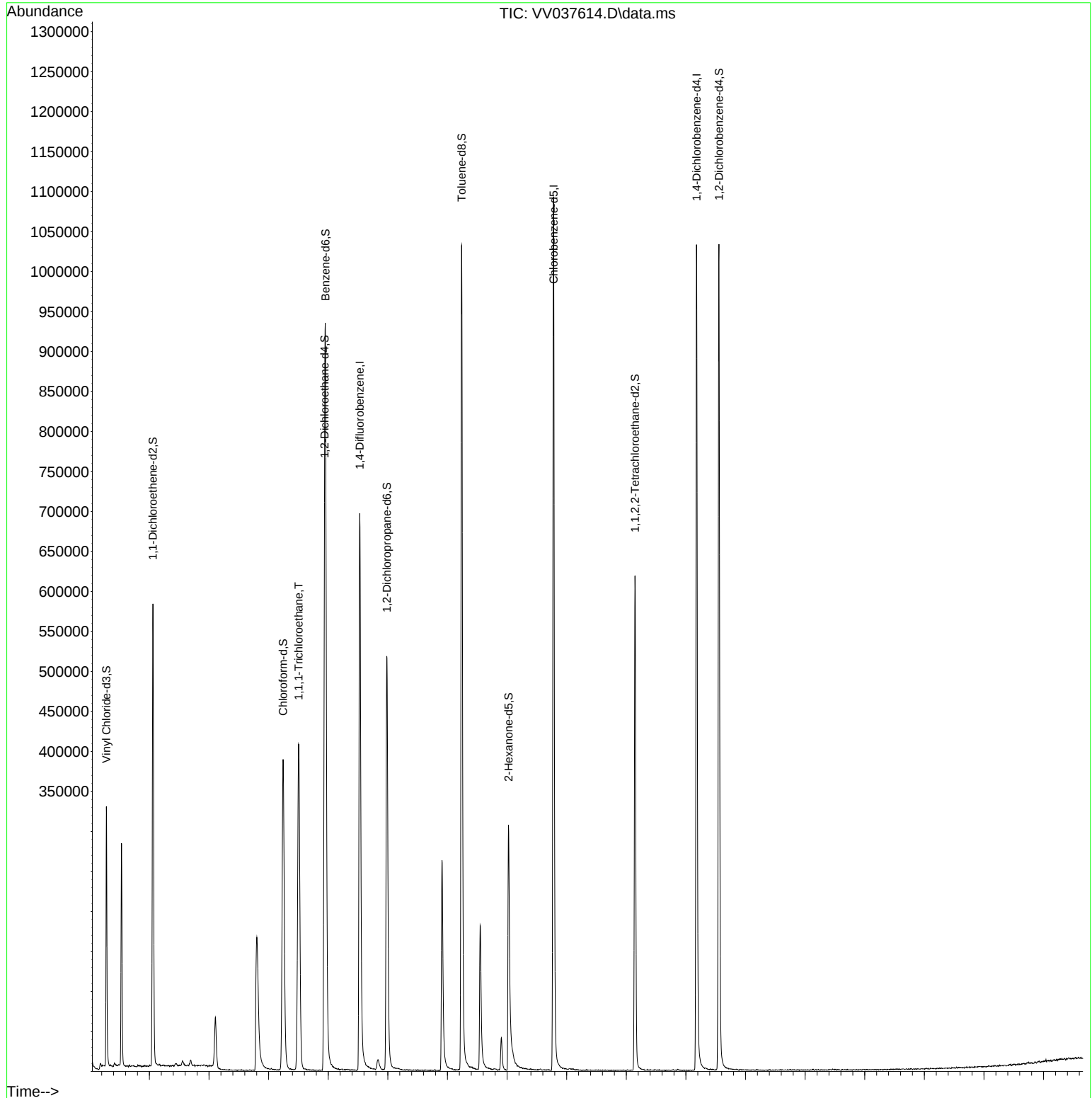
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	619096	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	215652	39.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.360%
7) Chloroethane-d5	1.532	69	181758	43.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.180%
11) 1,1-Dichloroethene-d2	2.060	65	95551	42.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.160%
21) 2-Butanone-d5	3.793	46	170942	88.309	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.310%
24) Chloroform-d	4.243	84	423460	43.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	253742	44.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
32) Benzene-d6	4.953	84	822230	43.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
36) 1,2-Dichloropropane-d6	5.982	67	263106	43.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	7.239	98	710001	41.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.720%
43) trans-1,3-Dichloroprop...	7.548	79	111738	39.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.800%
47) 2-Hexanone-d5	8.024	63	106561	83.709	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.710%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	303835	43.375	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.760%
66) 1,2-Dichlorobenzene-d4	11.554	152	274253	47.303	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
19) 1,1-Dichloroethane	3.108	63	60395	7.229	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	45817	9.390	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	343302	46.071	ug/L	99
46) Tetrachloroethene	7.902	164	9175	2.470	ug/L	98

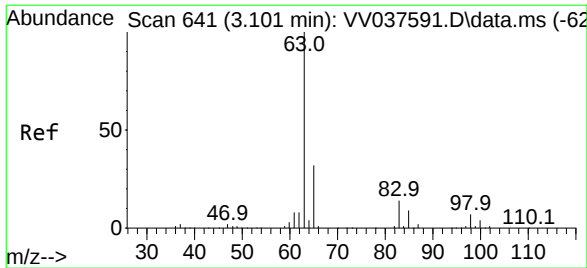
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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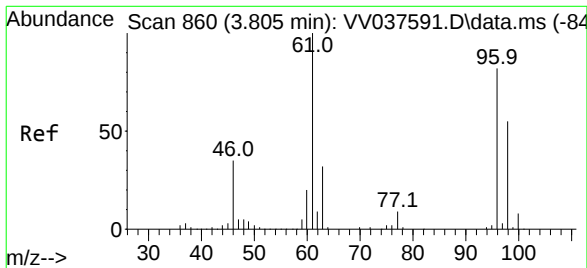
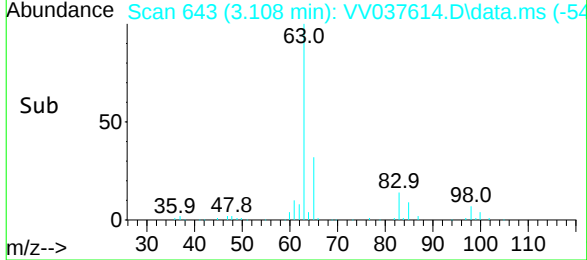
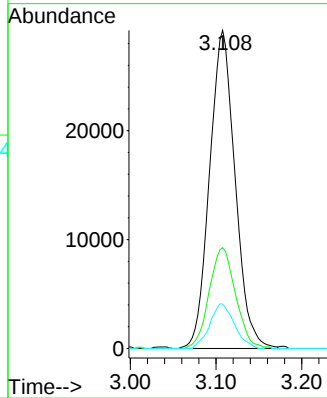
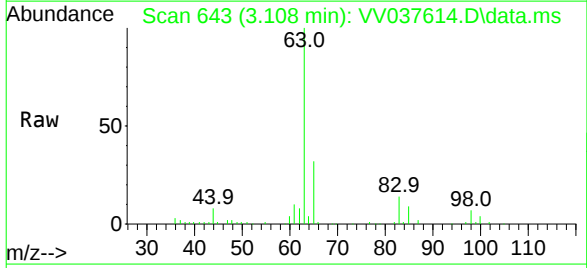




#19
1,1-Dichloroethane
Concen: 7.229 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV037614.D
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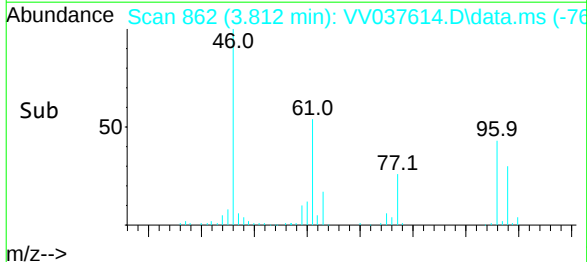
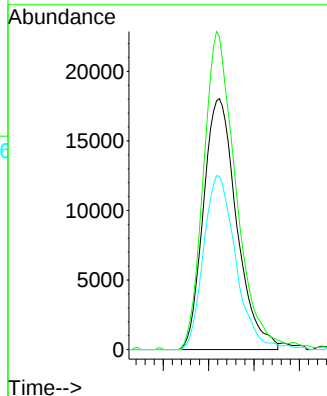
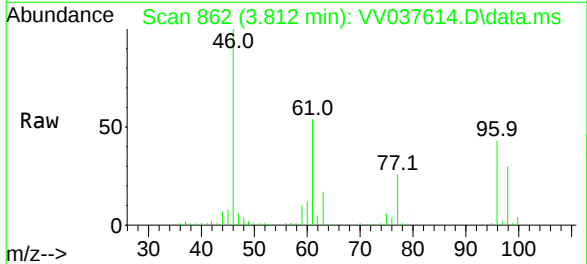
Instrument :
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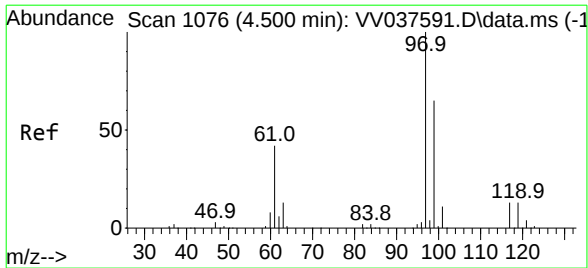
Tgt Ion: 63	Resp: 60395
Ion Ratio	Lower Upper
63 100	
65 31.7	22.4 41.6
83 14.0	9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 9.390 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

Tgt Ion: 96	Resp: 45817
Ion Ratio	Lower Upper
96 100	
61 124.7	85.0 157.8
98 69.1	44.2 82.0

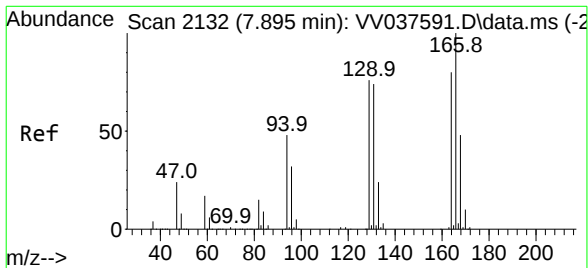
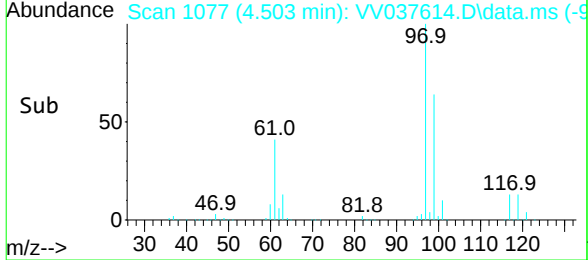
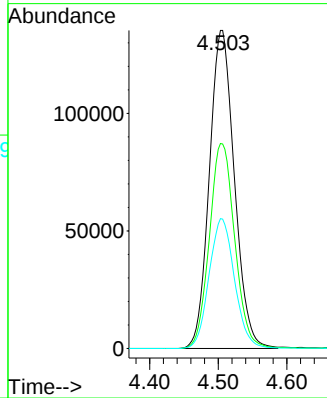
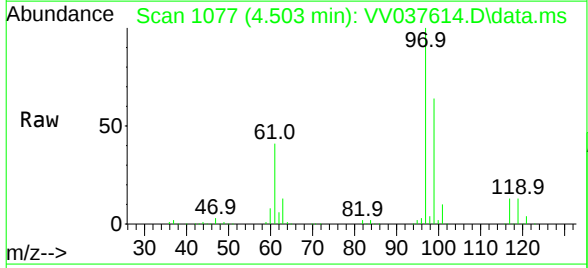




#30
1,1,1-Trichloroethane
Concen: 46.071 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037614.D
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Tgt Ion:	97	Resp:	343302
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	41.5	33.6	50.4



#46
Tetrachloroethene
Concen: 2.470 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

Tgt Ion:	164	Resp:	9175
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.2	126.6
131	98.9	66.1	122.8
166	128.6	91.1	169.1

