

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037672.D
 Acq On : 30 Sep 2024 21:43
 Operator : SY/MD
 Sample : P4185-18DL 50X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY076DL

Quant Time: Oct 01 07:46:49 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)

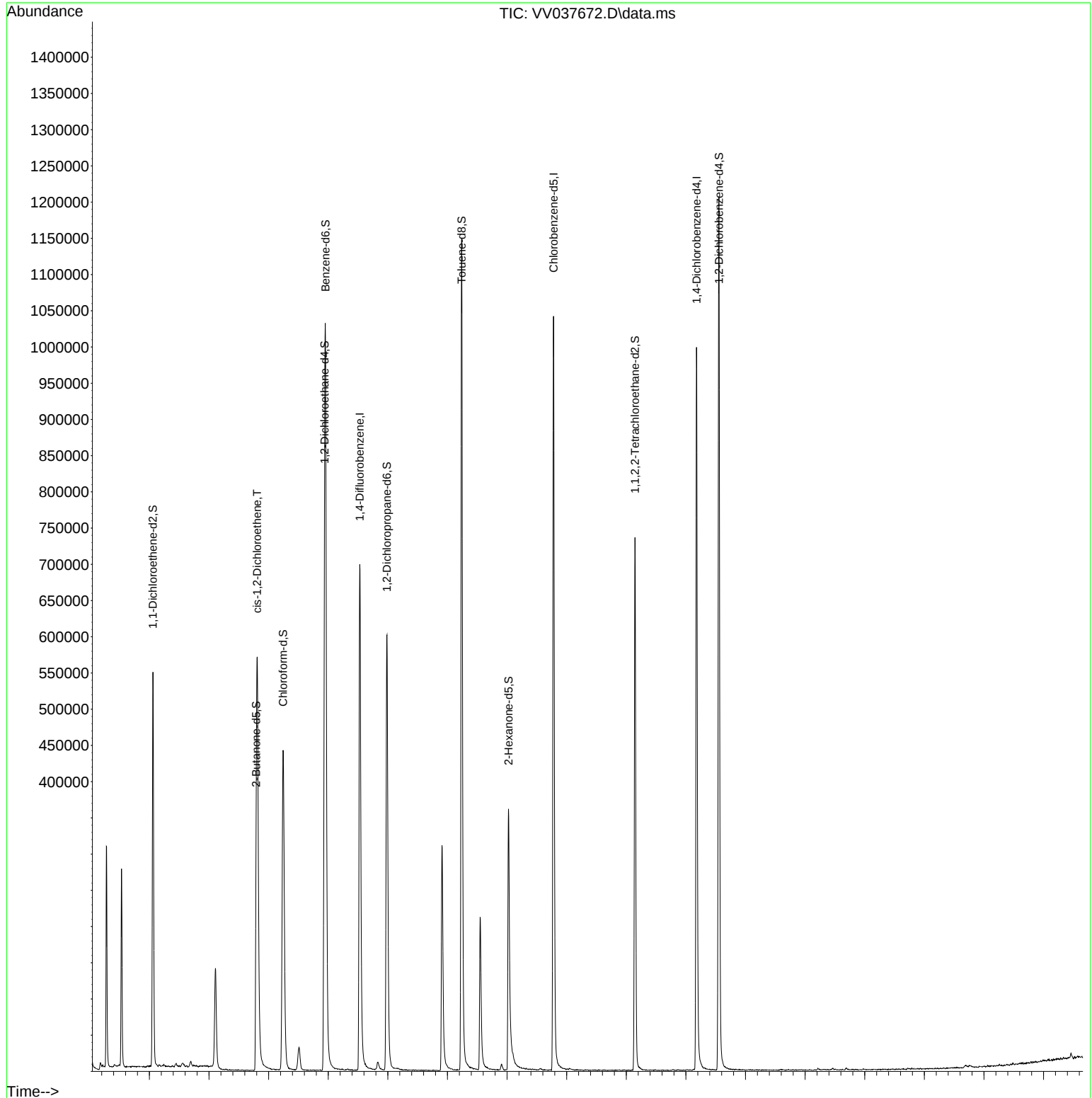
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	629524	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	583673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	268546	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	187817	33.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.980%
7) Chloroethane-d5	1.532	69	176504	41.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.300%
11) 1,1-Dichloroethene-d2	2.059	65	90544	39.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.440%
21) 2-Butanone-d5	3.789	46	211168	107.283	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	4.243	84	475315	48.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	4.937	65	296837	51.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.160%
32) Benzene-d6	4.953	84	902822	49.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.860%
36) 1,2-Dichloropropane-d6	5.982	67	305782	52.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.160%
41) Toluene-d8	7.239	98	786973	47.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	7.548	79	132560	49.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.140%
47) 2-Hexanone-d5	8.024	63	129139	105.155	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	358018	52.980	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	11.554	152	320523	56.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.280%
Target Compounds						
5) Vinyl chloride	1.285	62	22492	4.032	ug/L #	82
19) 1,1-Dichloroethane	3.108	63	134895	15.880	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	281196	56.675	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	26583	3.698	ug/L	100

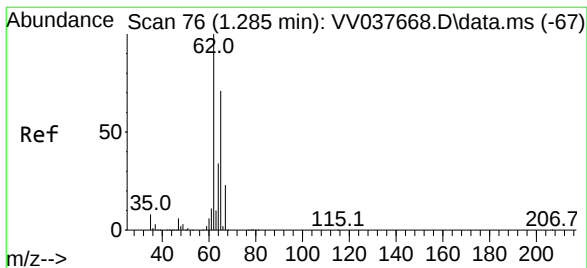
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.032 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

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ClientSampleId :

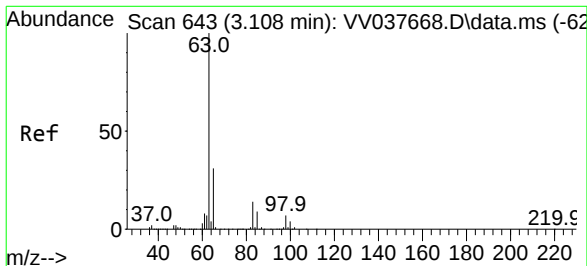
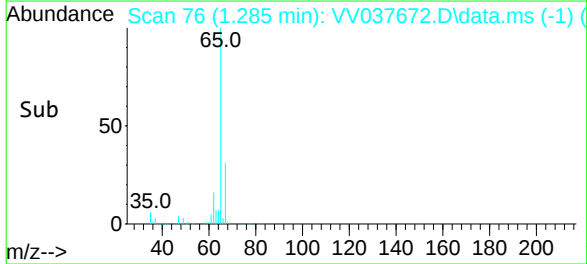
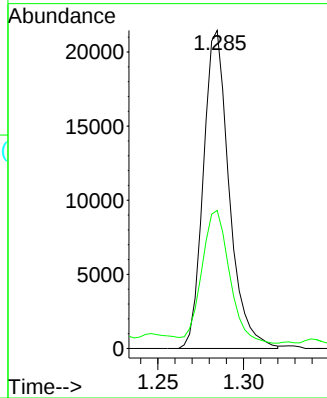
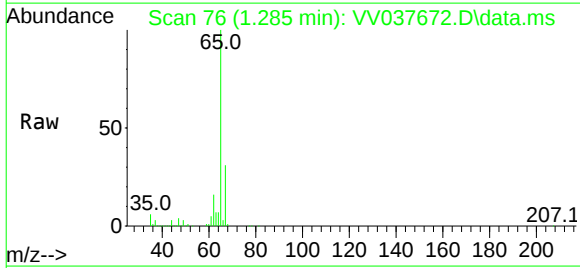
EY076DL

Tgt Ion: 62 Resp: 22492

Ion Ratio Lower Upper

62 100

64 43.4 23.2 43.0#



#19

1,1-Dichloroethane

Concen: 15.880 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

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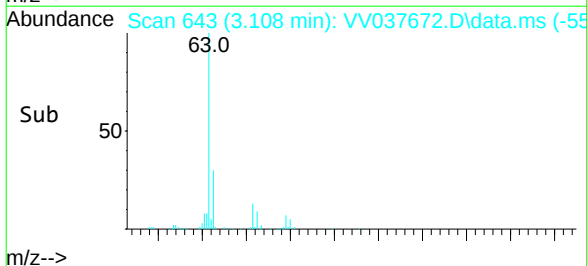
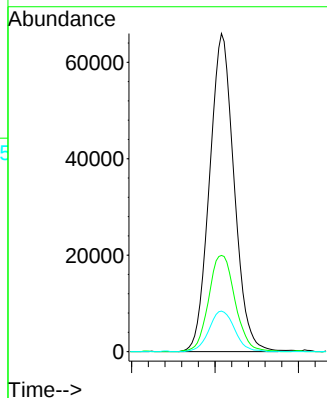
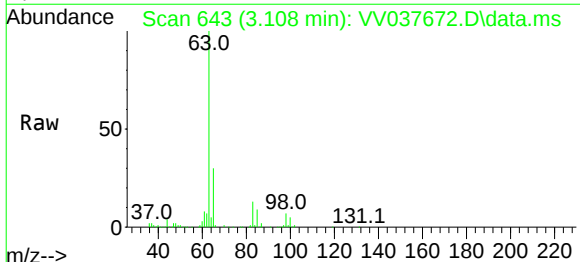
Tgt Ion: 63 Resp: 134895

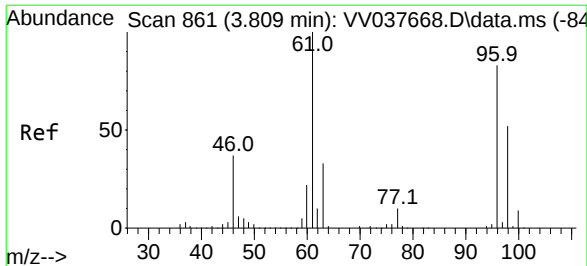
Ion Ratio Lower Upper

63 100

65 30.2 22.4 41.6

83 12.7 9.5 17.7

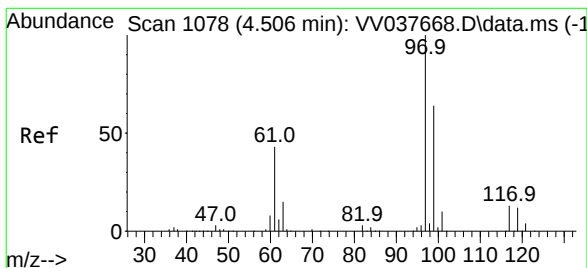
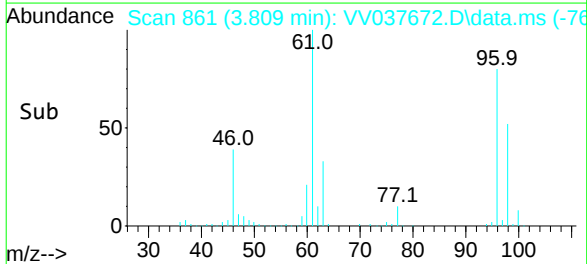
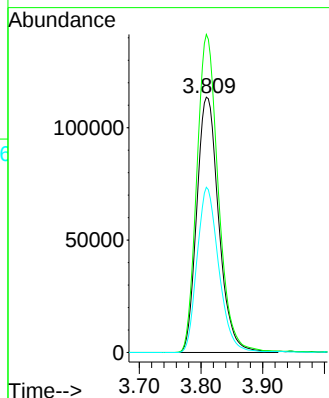
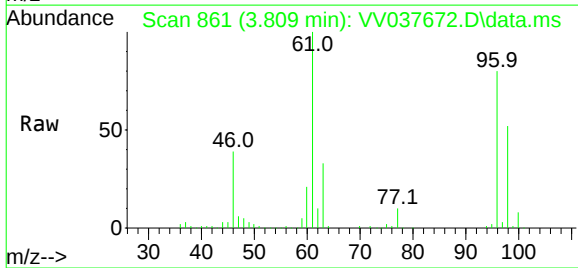




#20
cis-1,2-Dichloroethene
Concen: 56.675 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
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Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.6	85.0	157.8
98	64.7	44.2	82.0



#30
1,1,1-Trichloroethane
Concen: 3.698 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV037672.D
Acq: 30 Sep 2024 21:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	42.6	33.6	50.4

