

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037100.D
 Acq On : 27 Aug 2024 20:50
 Operator : SY/MD
 Sample : P3692-19
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K79

Quant Time: Aug 28 06:13:20 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)

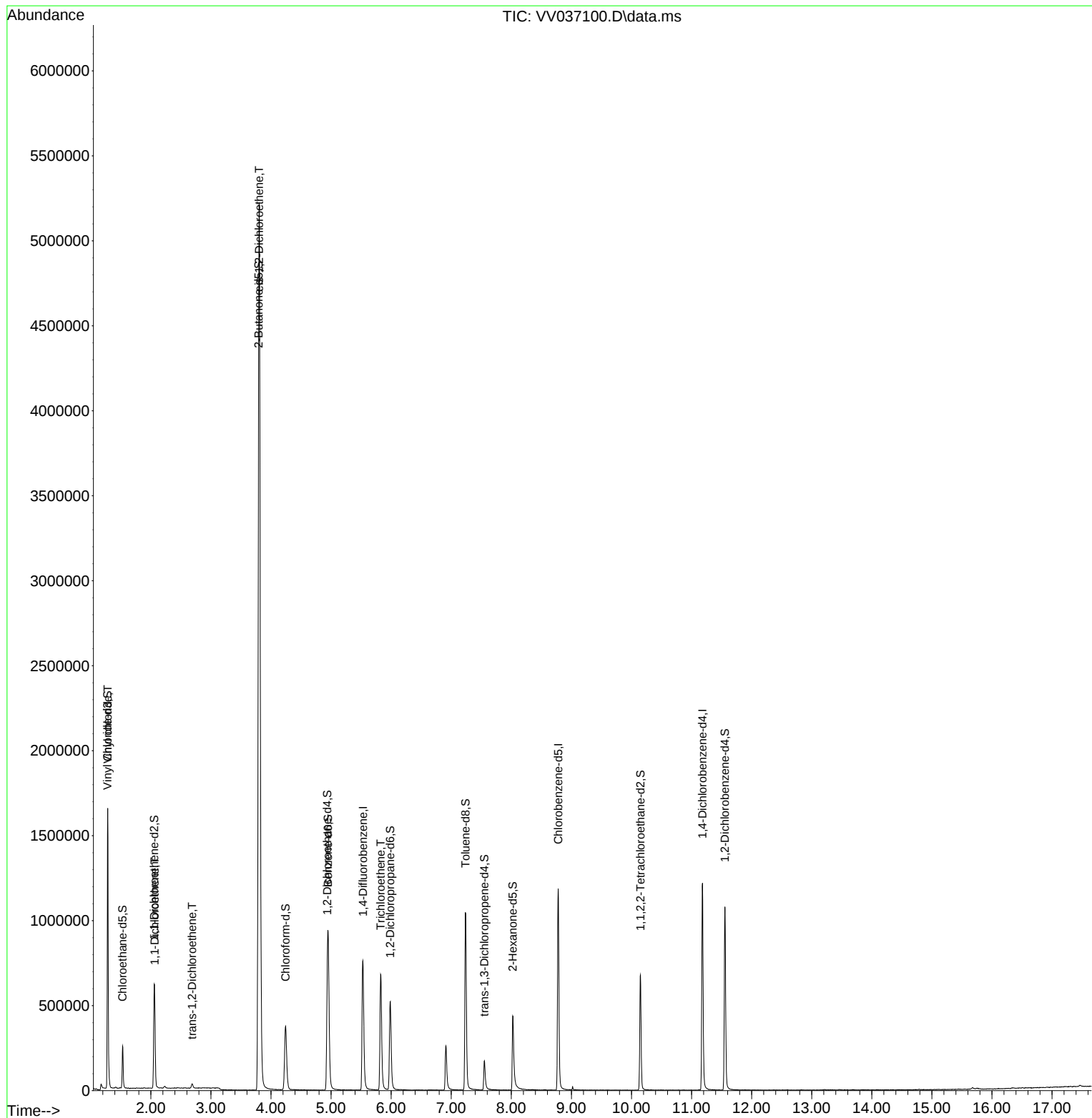
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	630230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	301973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190367	31.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.040%
7) Chloroethane-d5	1.529	69	167600	35.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.056	65	91540	36.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.120%
21) 2-Butanone-d5	3.793	46	248704	106.332	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.330%
24) Chloroform-d	4.243	84	395039	41.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.580%
26) 1,2-Dichloroethane-d4	4.937	65	263742	44.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.600%
32) Benzene-d6	4.950	84	786176	41.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.982	67	255304	42.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.640%
41) Toluene-d8	7.236	98	691198	40.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.460%
43) trans-1,3-Dichloroprop...	7.551	79	103664	37.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.160%
47) 2-Hexanone-d5	8.024	63	156442	96.143	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	326260	45.120	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.240%
66) 1,2-Dichlorobenzene-d4	11.554	152	266851	44.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.240%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	888146	150.772	ug/L	100
12) 1,1-Dichloroethene	2.066	96	47499	11.027	ug/L	# 1
17) trans-1,2-Dichloroethene	2.686	96	8630	1.930	ug/L	97
20) cis-1,2-Dichloroethene	3.802	96	2762865	559.122	ug/L	100
34) Trichloroethene	5.825	95	247944	51.649	ug/L	96

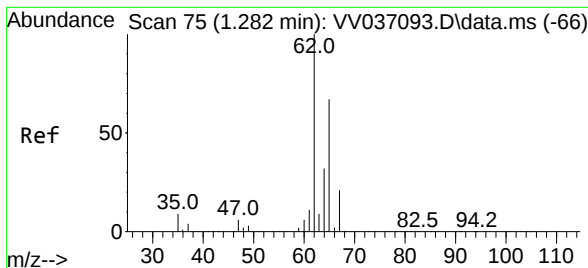
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 150.772 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

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MSVOA_V

ClientSampleId :

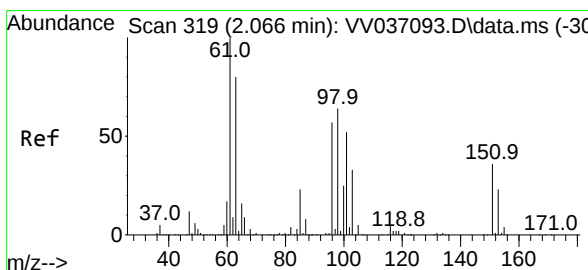
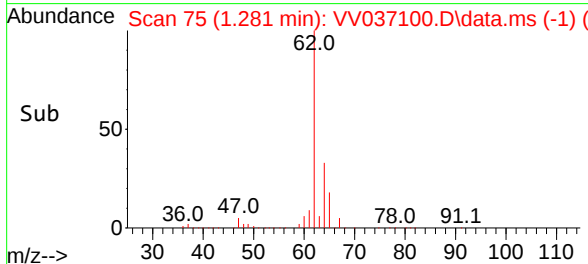
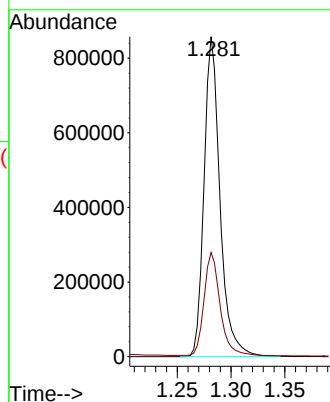
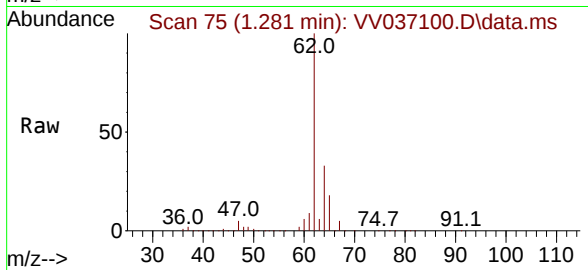
E1K79

Tgt Ion: 62 Resp: 888146

Ion Ratio Lower Upper

62 100

64 32.6 22.8 42.4



#12

1,1-Dichloroethene

Concen: 11.027 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

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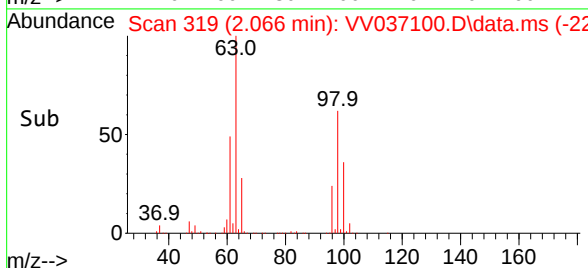
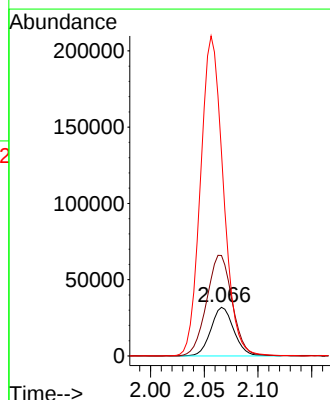
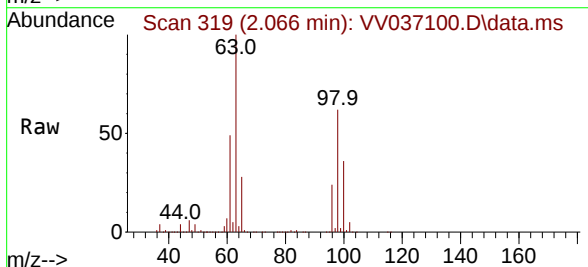
Tgt Ion: 96 Resp: 47499

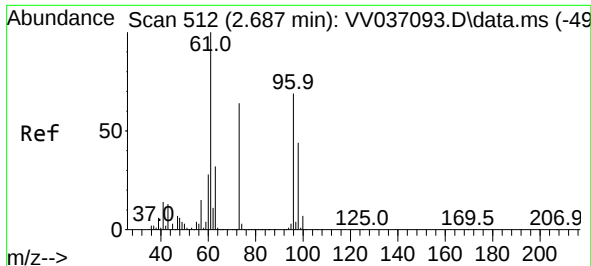
Ion Ratio Lower Upper

96 100

61 206.5 123.8 229.8

63 418.1 96.5 179.1#

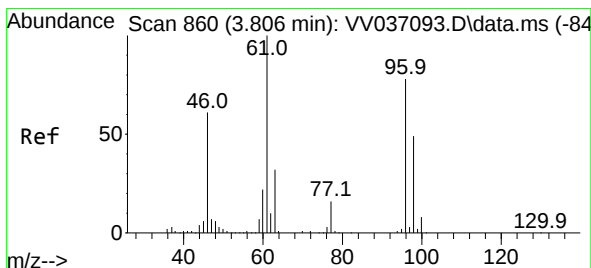
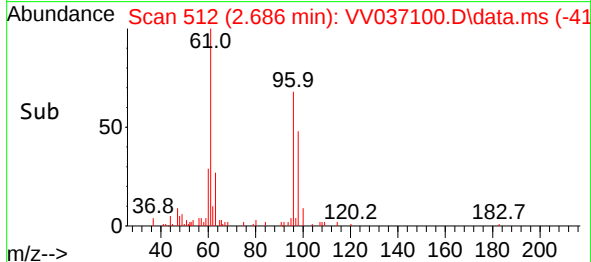
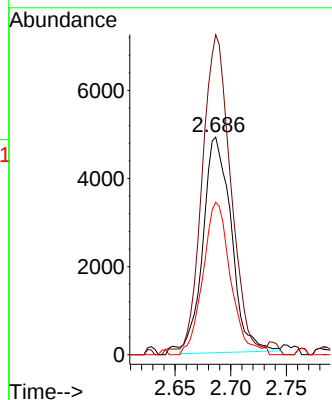
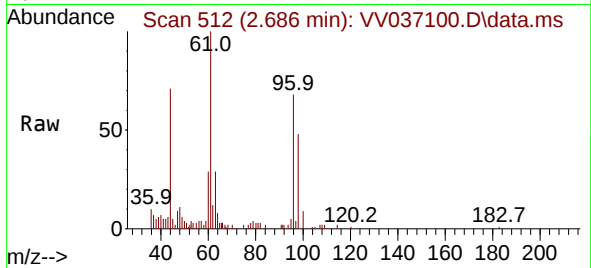




#17
trans-1,2-Dichloroethene
Concen: 1.930 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037100.D
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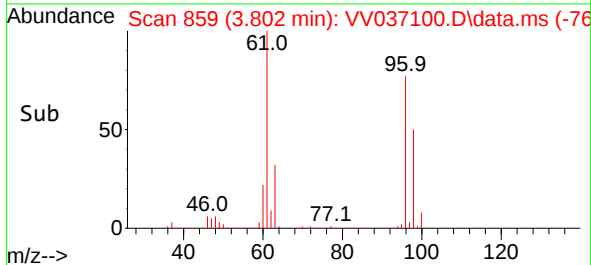
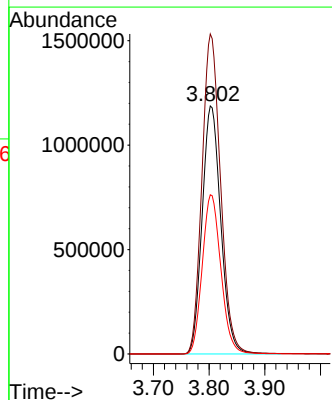
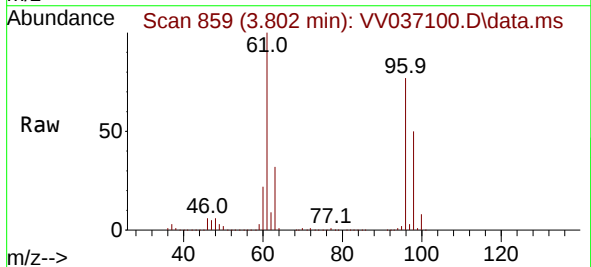
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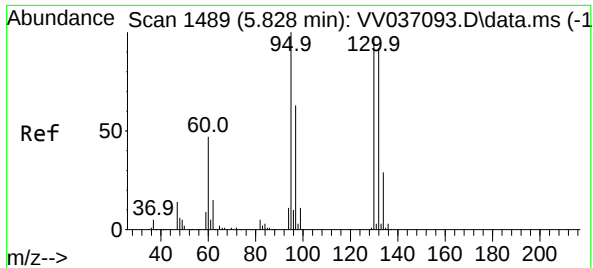
Tgt Ion: 96 Resp: 8630
Ion Ratio Lower Upper
96 100
61 147.1 102.3 189.9
98 70.1 44.8 83.2



#20
cis-1,2-Dichloroethene
Concen: 559.122 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.003 min
Lab File: VV037100.D
Acq: 27 Aug 2024 20:50

Tgt Ion: 96 Resp: 2762865
Ion Ratio Lower Upper
96 100
61 129.1 89.9 166.9
98 64.2 44.8 83.2





#34
 Trichloroethene
 Concen: 51.649 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV037100.D
 Acq: 27 Aug 2024 20:50

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K79

Tgt Ion: 95 Resp: 247944

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.4	82.5
132	89.5	64.9	120.5
130	94.5	69.4	129.0

