

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037101.D
 Acq On : 27 Aug 2024 21:12
 Operator : SY/MD
 Sample : P3692-20
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K80

Quant Time: Aug 28 06:13:38 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)

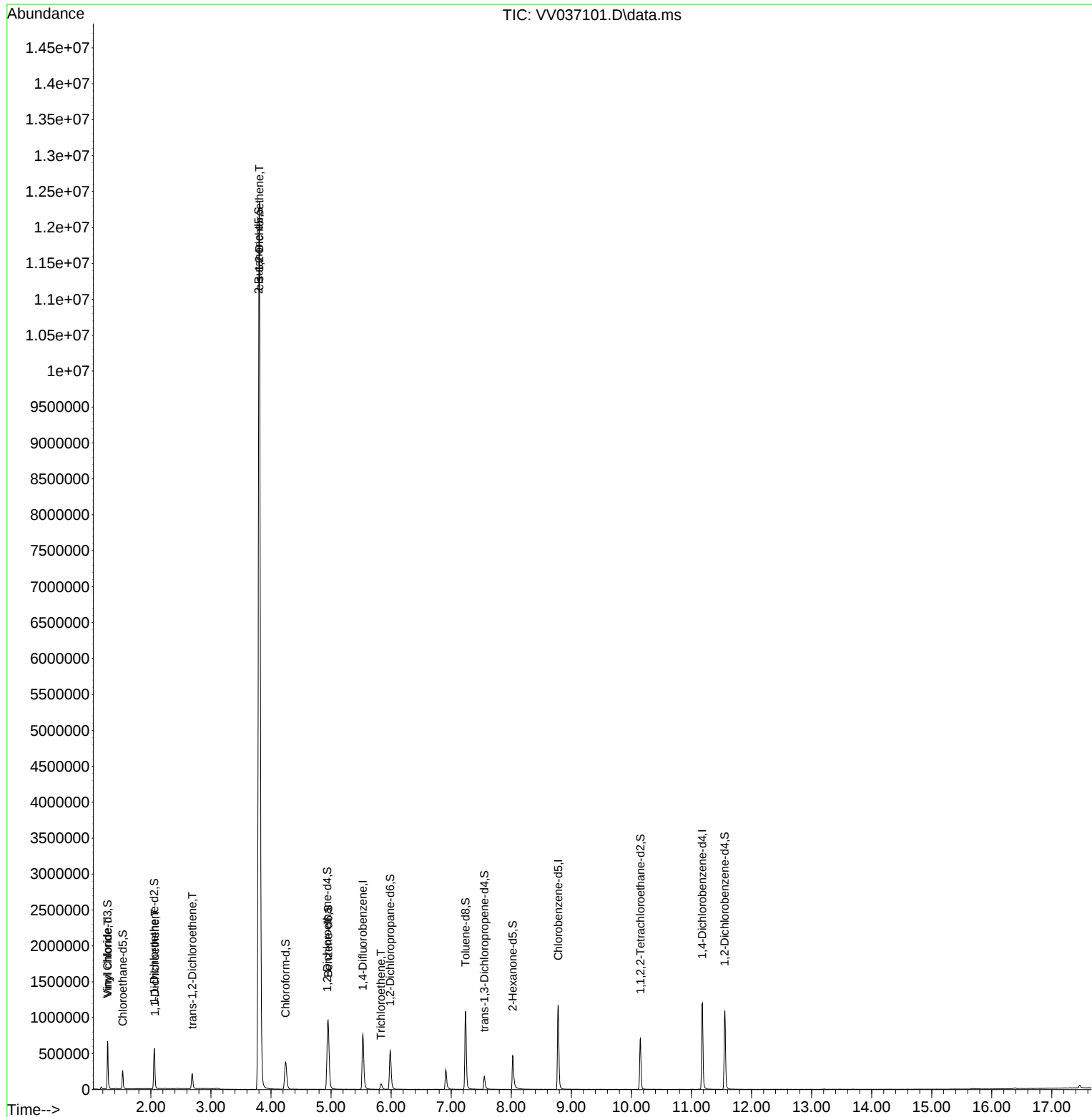
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661373	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	629587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	301708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190230	31.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.880%
7) Chloroethane-d5	1.532	69	168402	36.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.040%
11) 1,1-Dichloroethene-d2	2.056	65	94070	36.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.980%
21) 2-Butanone-d5	3.796	46	264022	112.693	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.690%
24) Chloroform-d	4.243	84	408286	43.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	4.937	65	269767	45.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
32) Benzene-d6	4.953	84	804040	42.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.560%
36) 1,2-Dichloropropane-d6	5.986	67	264159	44.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.700%
41) Toluene-d8	7.239	98	722955	42.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.260%
43) trans-1,3-Dichloroprop...	7.551	79	107393	38.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.940%
47) 2-Hexanone-d5	8.024	63	165332	101.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.710%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	341102	47.221	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	11.554	152	276872	45.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	265093	44.927	ug/L	100
12) 1,1-Dichloroethene	2.066	96	8871	2.056	ug/L	# 1
17) trans-1,2-Dichloroethene	2.690	96	75898	16.944	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	6615056	1336.457	ug/L	99
34) Trichloroethene	5.831	95	28459	5.934	ug/L	92

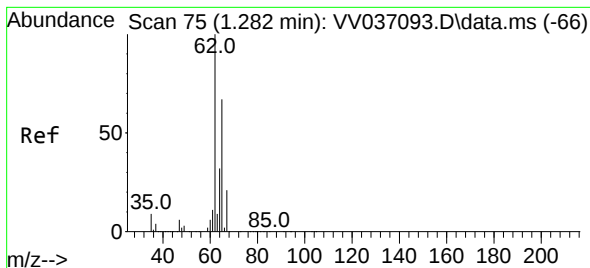
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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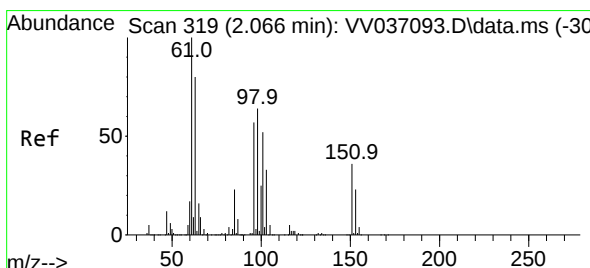
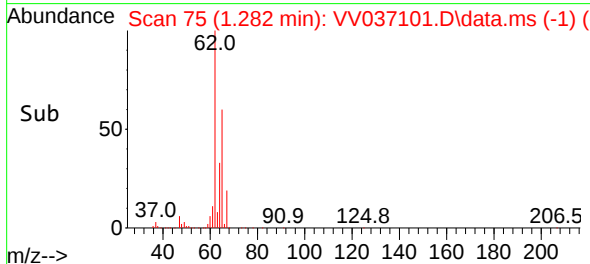
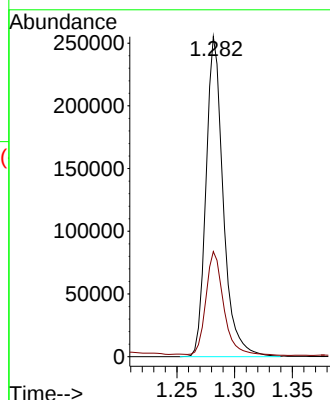
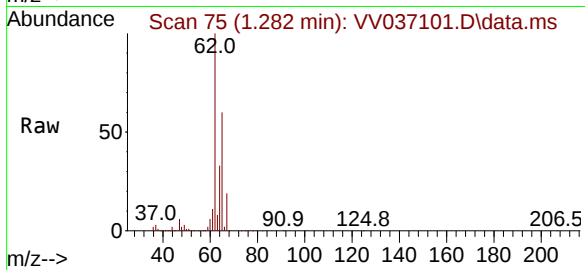




#5
 Vinyl chloride
 Concen: 44.927 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037101.D
 Acq: 27 Aug 2024 21:12

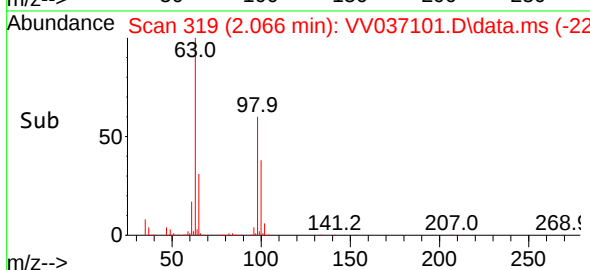
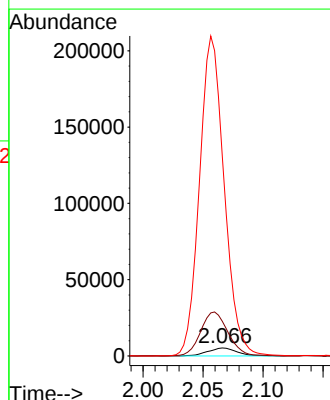
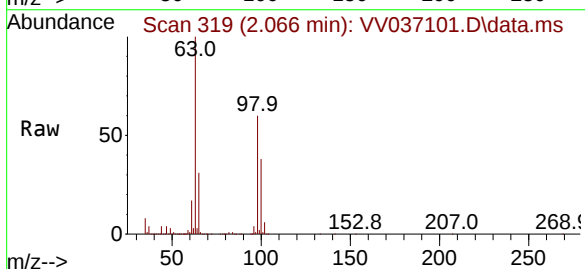
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K80

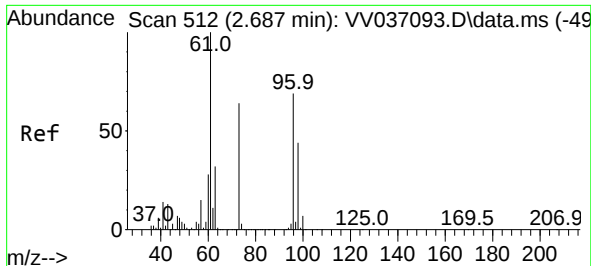
Tgt Ion: 62 Resp: 265093
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 2.056 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037101.D
 Acq: 27 Aug 2024 21:12

Tgt Ion: 96 Resp: 8871
 Ion Ratio Lower Upper
 96 100
 61 434.6 123.8 229.8#
 63 2500.9 96.5 179.1#

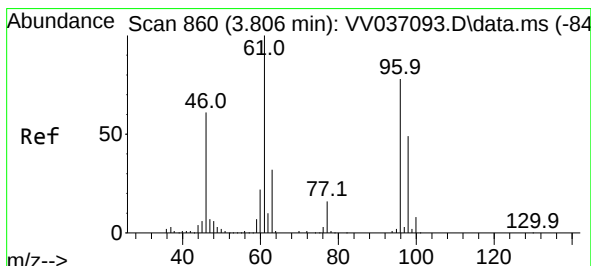
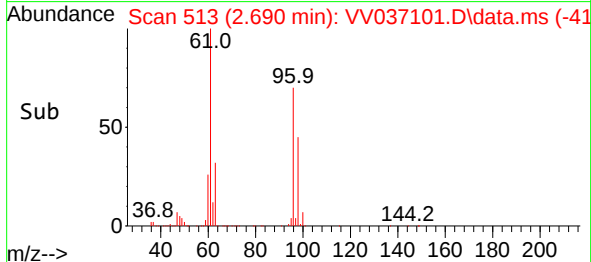
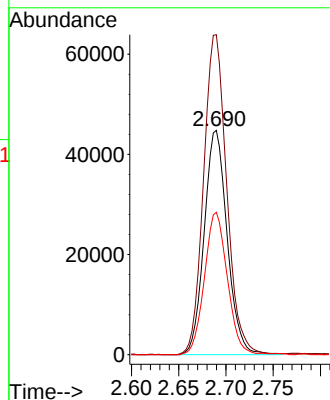
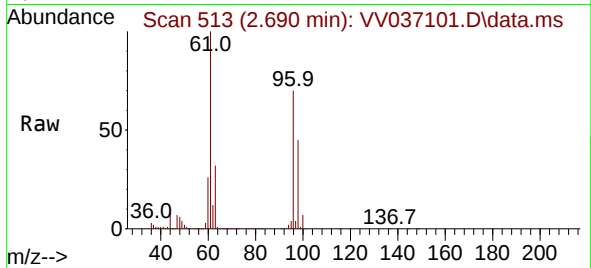




#17
trans-1,2-Dichloroethene
Concen: 16.944 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037101.D
Acq: 27 Aug 2024 21:12

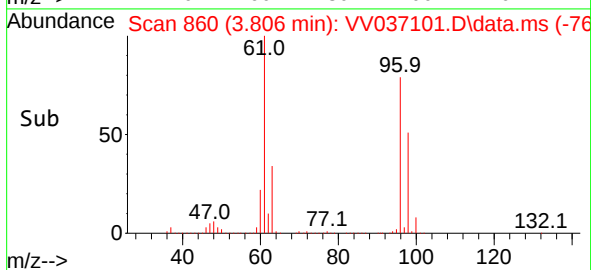
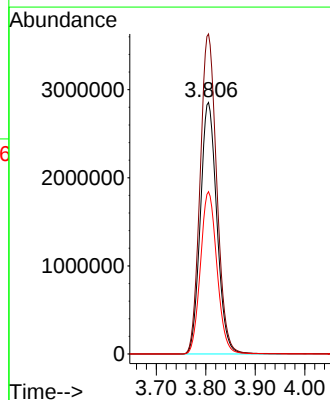
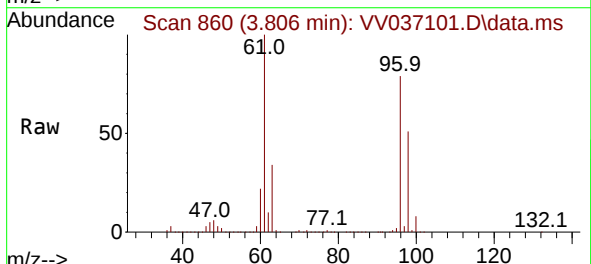
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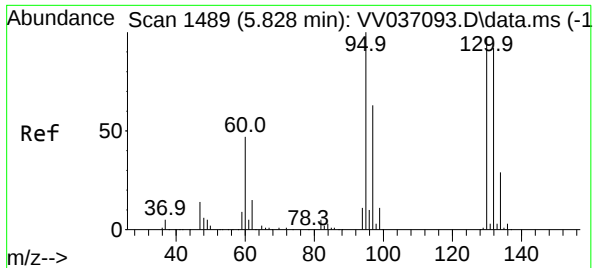
Tgt Ion: 96 Resp: 75898
Ion Ratio Lower Upper
96 100
61 142.7 102.3 189.9
98 63.5 44.8 83.2



#20
cis-1,2-Dichloroethene
Concen: 1336.457 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037101.D
Acq: 27 Aug 2024 21:12

Tgt Ion: 96 Resp: 6615056
Ion Ratio Lower Upper
96 100
61 127.2 89.9 166.9
98 64.5 44.8 83.2





#34
 Trichloroethene
 Concen: 5.934 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VV037101.D
 Acq: 27 Aug 2024 21:12

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K80

Tgt Ion: 95 Resp: 28459

Ion	Ratio	Lower	Upper
95	100		
97	57.8	44.4	82.5
132	83.0	64.9	120.5
130	91.7	69.4	129.0

