

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037626.D
 Acq On : 27 Sep 2024 22:48
 Operator : SY/MD
 Sample : P4185-03DL 50X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:20:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

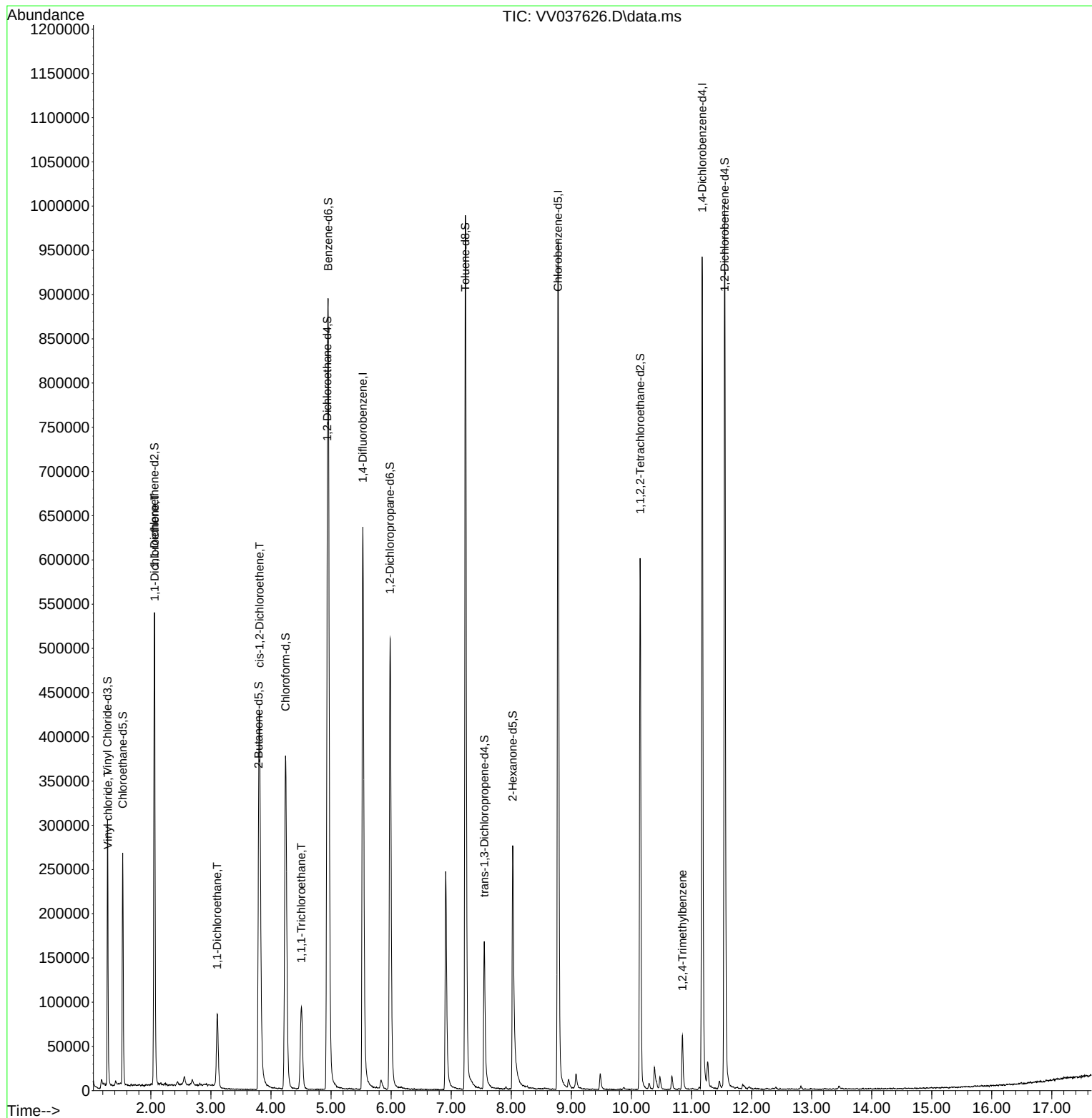
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	567718	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	547003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	248697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196975	39.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.040%		
7) Chloroethane-d5	1.532	69	173828	44.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	2.060	65	87522	42.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.060%		
21) 2-Butanone-d5	3.793	46	162940	91.793	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.790%		
24) Chloroform-d	4.243	84	408347	46.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.100%		
26) 1,2-Dichloroethane-d4	4.937	65	245997	47.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
32) Benzene-d6	4.953	84	791236	46.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.460%		
36) 1,2-Dichloropropane-d6	5.982	67	259110	47.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.080%		
41) Toluene-d8	7.236	98	680322	43.832	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.660%		
43) trans-1,3-Dichloroprop...	7.551	79	105585	41.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.400%		
47) 2-Hexanone-d5	8.024	63	96147	83.539	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.540%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	292260	46.148	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.300%		
66) 1,2-Dichlorobenzene-d4	11.554	152	262721	50.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.260%		
Target Compounds						
5) Vinyl chloride	1.285	62	5263	1.046	ug/L #	33
12) 1,1-Dichloroethene	2.063	96	5093	1.348	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	80592	10.520	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	208402	46.576	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	79769	11.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	34709	2.729	ug/L	95

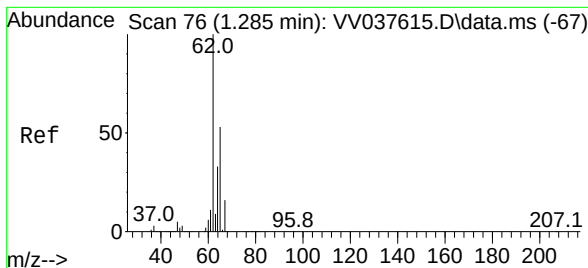
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.046 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

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MSVOA_V

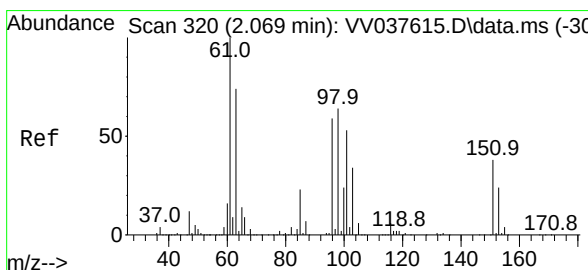
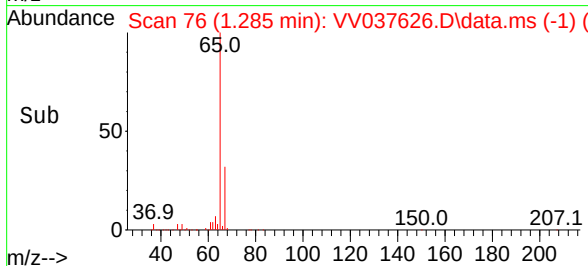
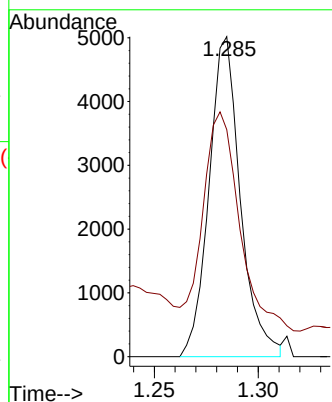
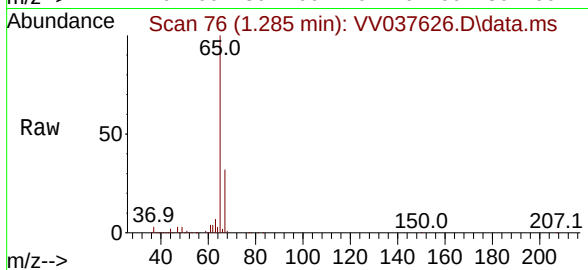
ClientSampleId :

Tgt Ion: 62 Resp: 5263

Ion Ratio Lower Upper

62 100

64 70.9 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 1.348 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

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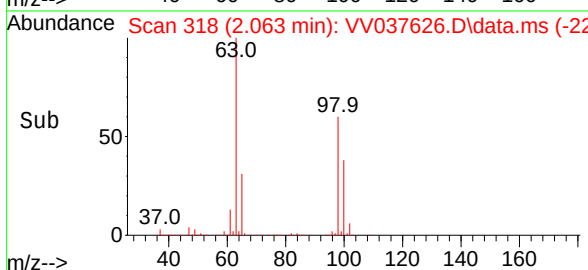
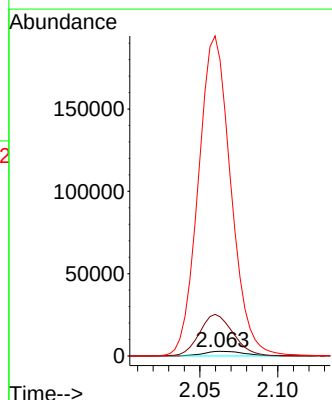
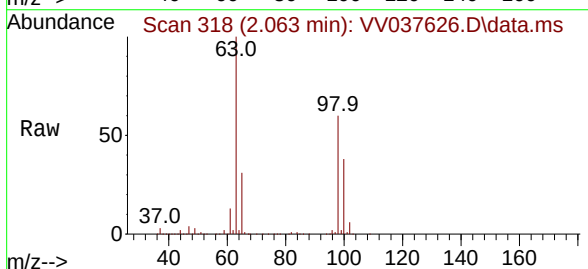
Tgt Ion: 96 Resp: 5093

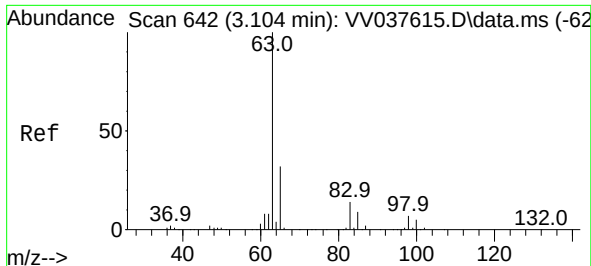
Ion Ratio Lower Upper

96 100

61 846.9 122.6 227.6#

63 6388.6 118.0 219.2#

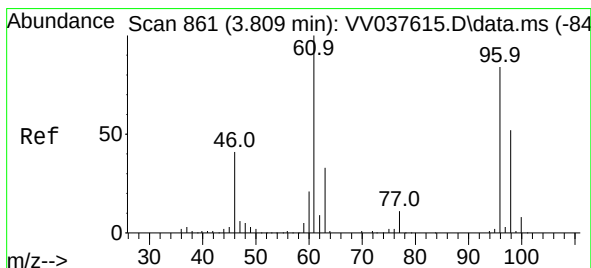
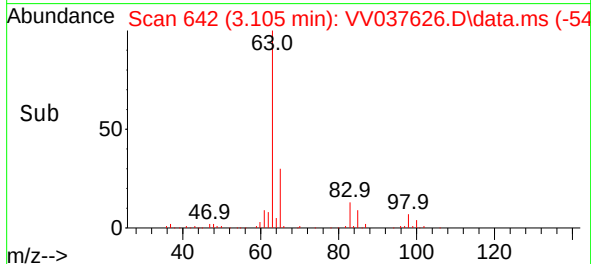
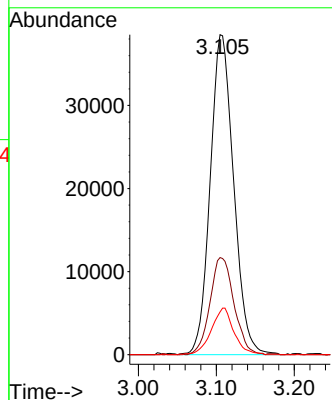
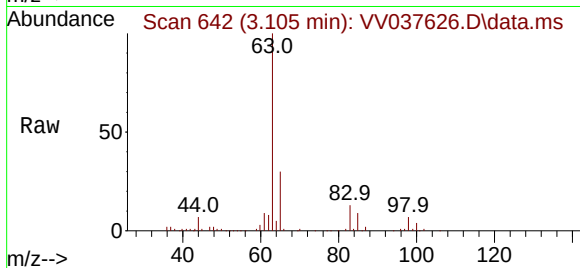




#19
1,1-Dichloroethane
Concen: 10.520 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037626.D
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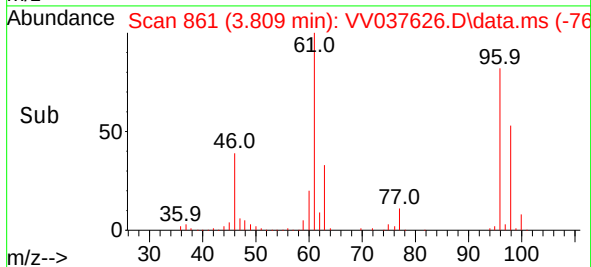
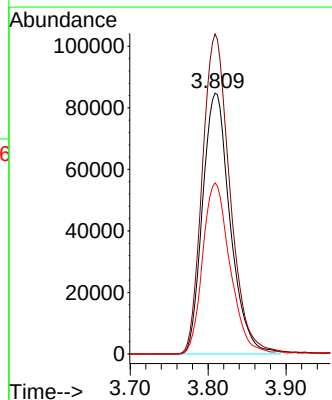
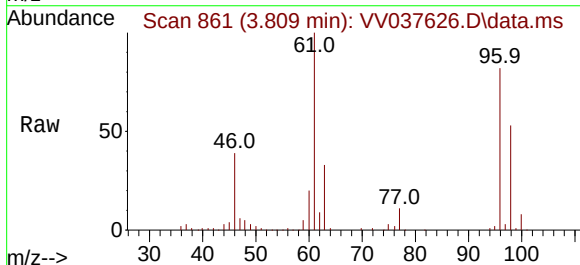
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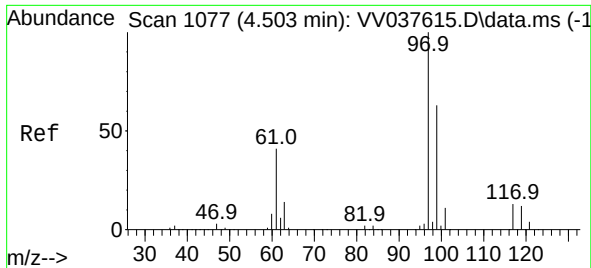
Tgt Ion:	63	Resp:	80592
Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.4	41.6
83	13.3	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 46.576 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037626.D
Acq: 27 Sep 2024 22:48

Tgt Ion:	96	Resp:	208402
Ion	Ratio	Lower	Upper
96	100		
61	122.7	85.0	157.8
98	65.6	44.2	82.0

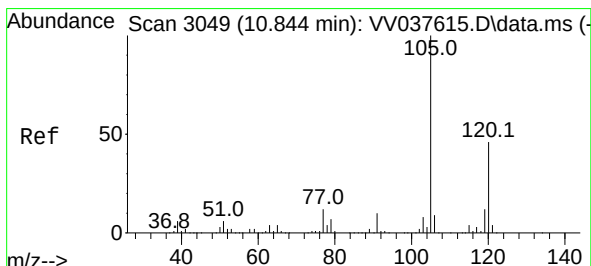
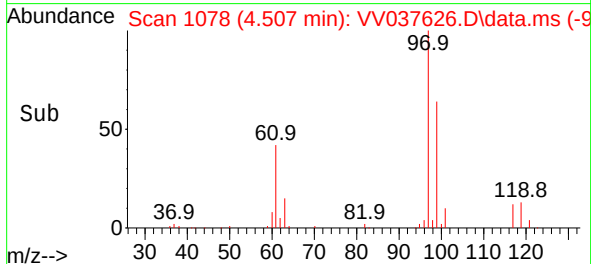
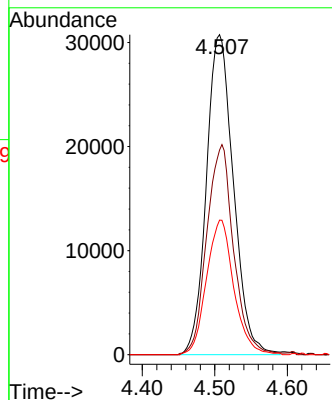
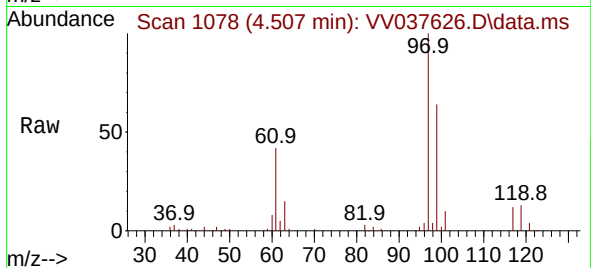




#30
1,1,1-Trichloroethane
Concen: 11.840 ug/L
RT: 4.507 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037626.D
Acq: 27 Sep 2024 22:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 79769
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 42.3 33.6 50.4



#63
1,2,4-Trimethylbenzene
Concen: 2.729 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VV037626.D
Acq: 27 Sep 2024 22:48

Tgt Ion:105 Resp: 34709
Ion Ratio Lower Upper
105 100
120 48.5 36.2 54.2

