

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037578.D
 Acq On : 27 Sep 2024 02:58
 Operator : SY/MD
 Sample : P4185-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:41:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

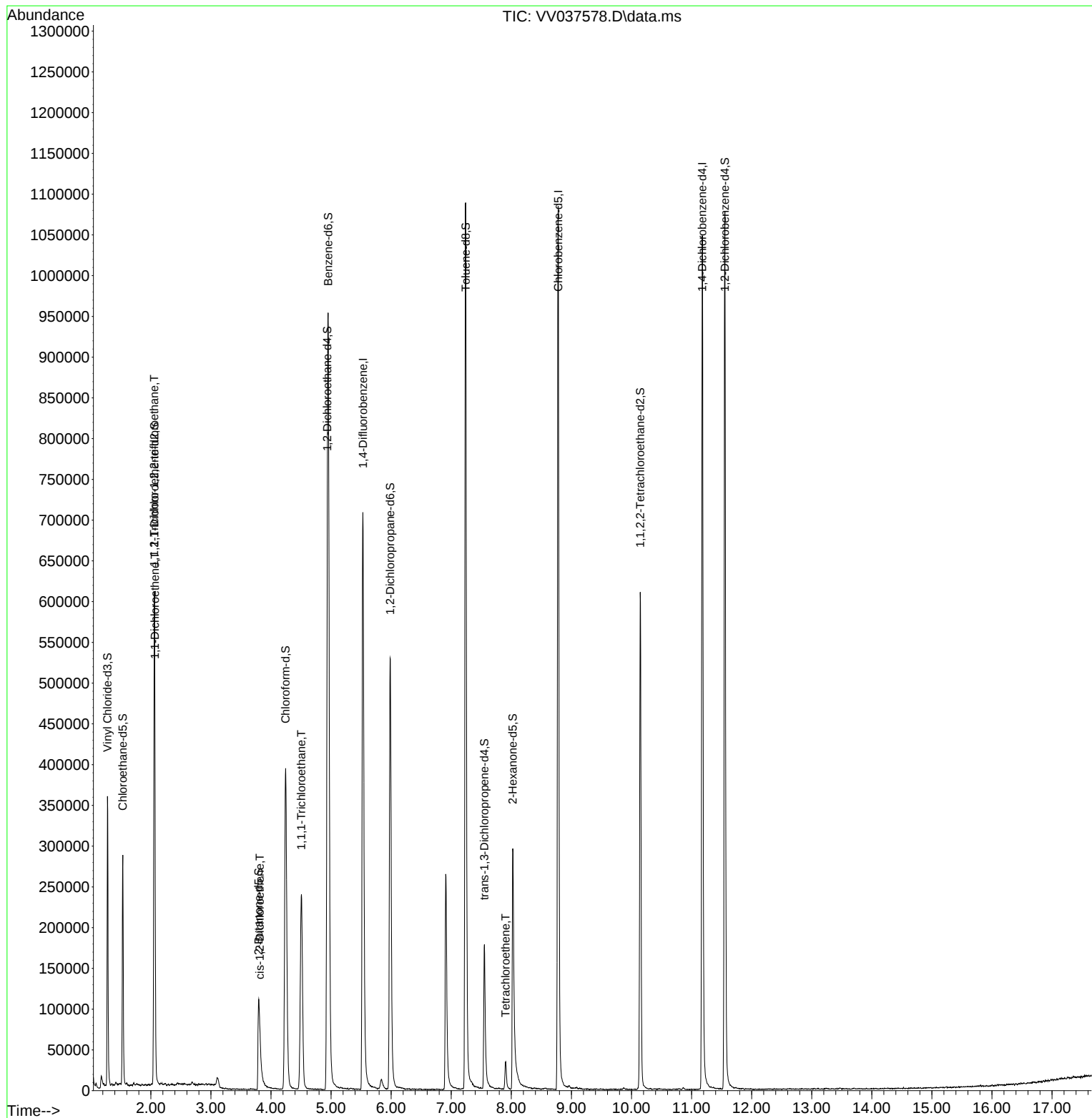
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	630258	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	600717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	282181	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	231546	41.851	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.700%	
7) Chloroethane-d5	1.532	69	184455	42.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.900%	
11) 1,1-Dichloroethene-d2	2.060	65	98906	42.789	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.580%	
21) 2-Butanone-d5	3.796	46	170979	86.764	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.760%	
24) Chloroform-d	4.243	84	426117	43.290	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.580%	
26) 1,2-Dichloroethane-d4	4.937	65	260992	45.299	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.600%	
32) Benzene-d6	4.953	84	848297	45.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.260%	
36) 1,2-Dichloropropane-d6	5.985	67	272626	45.546	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.100%	
41) Toluene-d8	7.239	98	743814	43.638	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.280%	
43) trans-1,3-Dichloroprop...	7.551	79	110004	39.561	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.120%	
47) 2-Hexanone-d5	8.024	63	101319	80.161	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.160%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	301545	43.357	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.720%	
66) 1,2-Dichlorobenzene-d4	11.554	152	277490	46.667	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.340%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3252	0.724	ug/L #	24
12) 1,1-Dichloroethene	2.066	96	10287	2.452	ug/L #	1
20) cis-1,2-Dichloroethene	3.812	96	8966	1.805	ug/L	93
30) 1,1,1-Trichloroethane	4.506	97	207780	28.084	ug/L	98
46) Tetrachloroethene	7.905	164	7881	2.136	ug/L	95

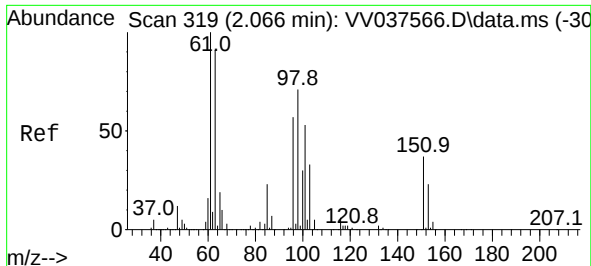
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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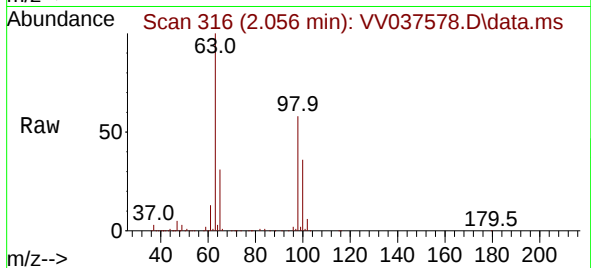
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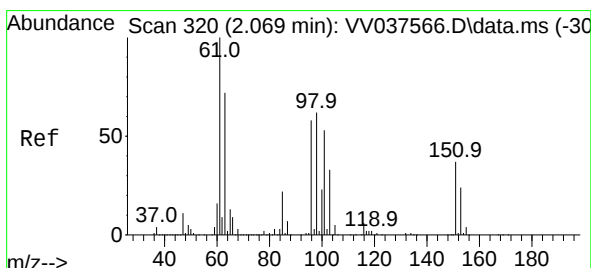
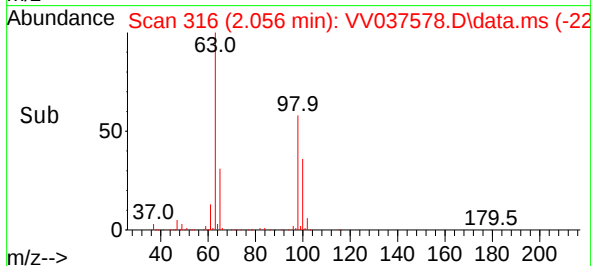
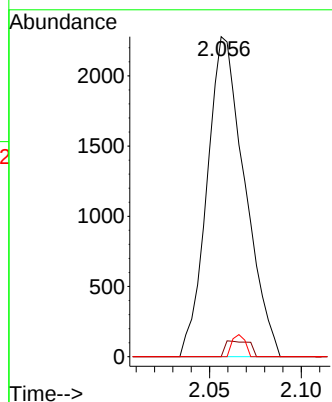


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.724 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV037578.D
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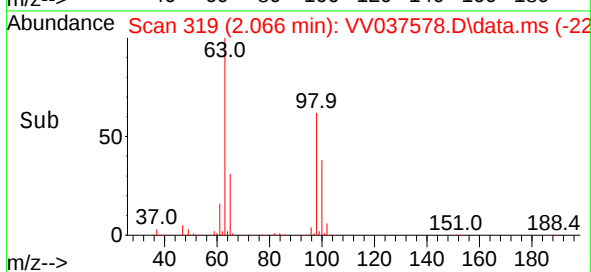
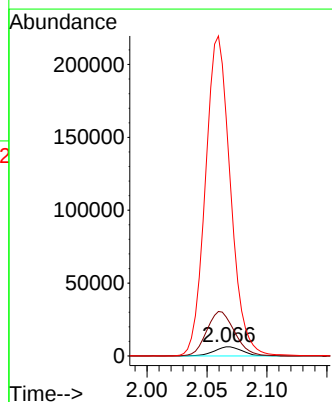
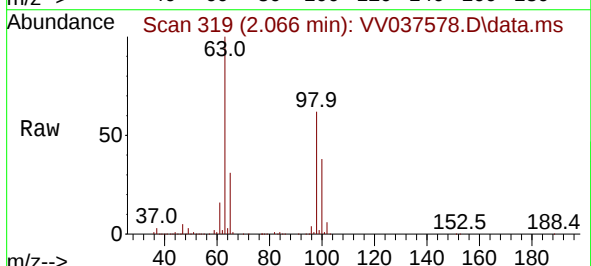


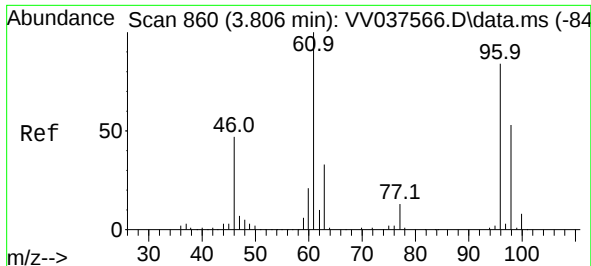
Tgt Ion: 101 Resp: 3252
Ion Ratio Lower Upper
101 100
85 1.9 34.6 52.0#
151 2.4 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 2.452 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037578.D
Acq: 27 Sep 2024 02:58

Tgt Ion: 96 Resp: 10287
Ion Ratio Lower Upper
96 100
61 431.6 122.6 227.6#
63 2636.7 118.0 219.2#





#20

cis-1,2-Dichloroethene

Concen: 1.805 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.006 min

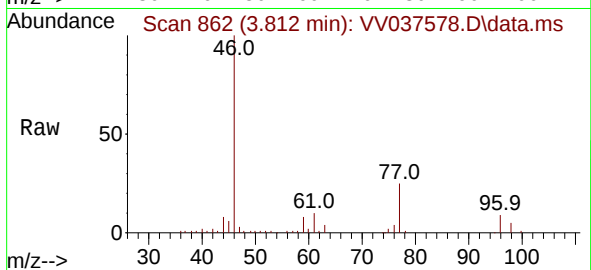
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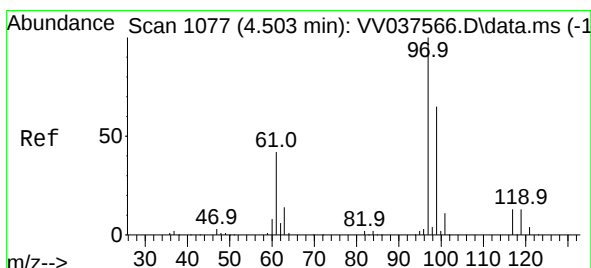
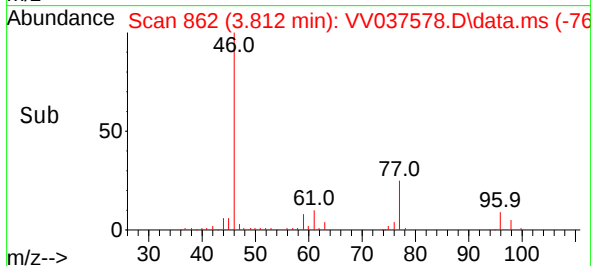
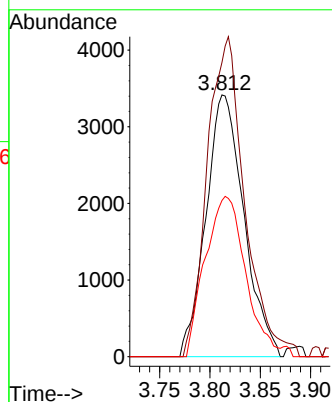
Tgt Ion: 96 Resp: 8966

Ion Ratio Lower Upper

96 100

61 112.4 85.0 157.8

98 59.6 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 28.084 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037578.D

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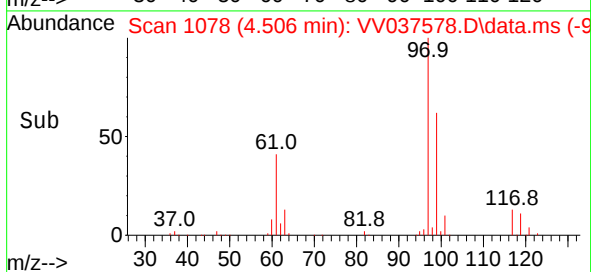
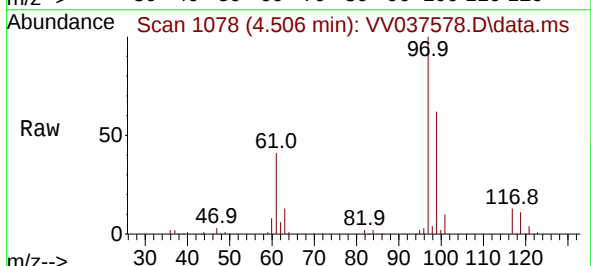
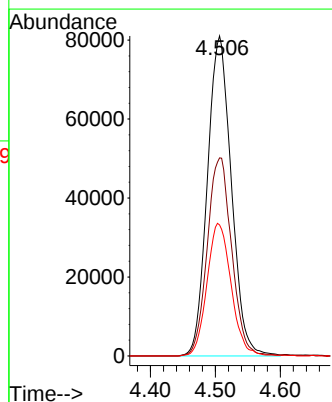
Tgt Ion: 97 Resp: 207780

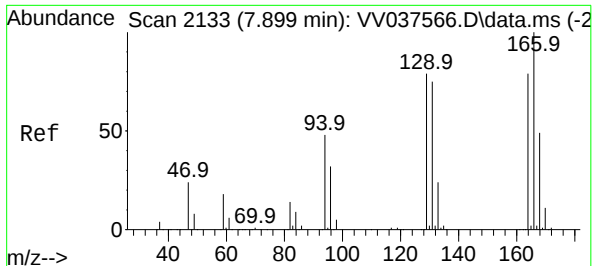
Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.6

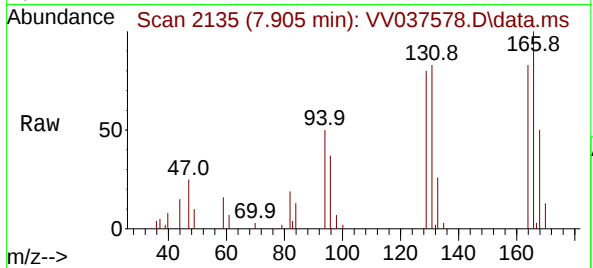
61 41.7 33.6 50.4





#46
 Tetrachloroethene
 Concen: 2.136 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV037578.D
 Acq: 27 Sep 2024 02:58

Instrument :
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Tgt Ion:	164	Resp:	7881
Ion	Ratio	Lower	Upper
164	100		
129	96.2	68.2	126.6
131	100.2	66.1	122.8
166	120.9	91.1	169.1

