

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121422\
 Data File : VW029688.D
 Acq On : 14 Dec 2022 14:19
 Operator : SY/MD
 Sample : N5981-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 14 21:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 14 21:14:52 2022
 Response via : Initial Calibration

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

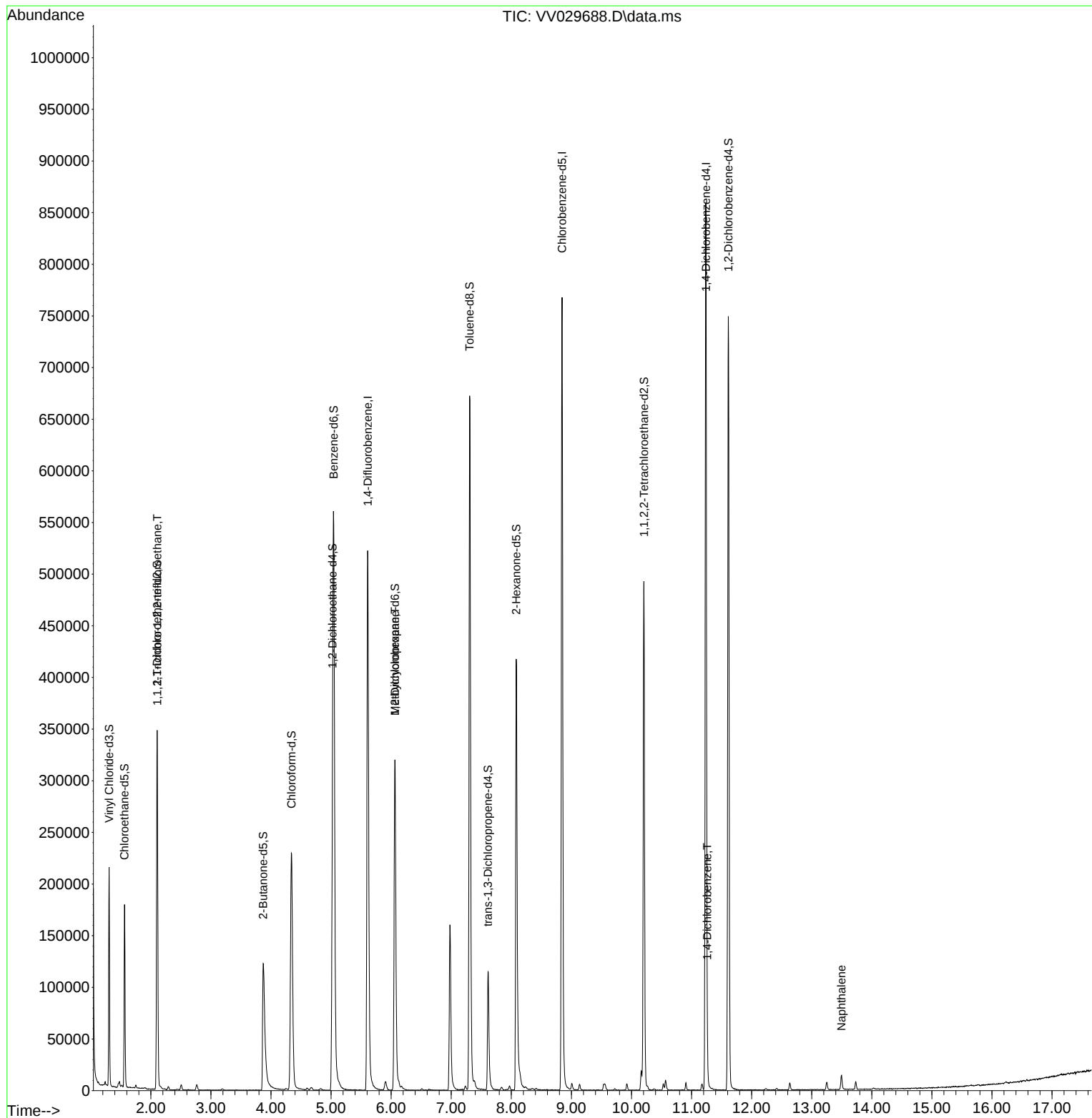
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	484820	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	444523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	235337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132534	44.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.280%		
7) Chloroethane-d5	1.561	69	113053	49.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.880%		
11) 1,1-Dichloroethene-d2	2.105	63	176687	38.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.320%		
21) 2-Butanone-d5	3.870	46	192783	106.447	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.450%		
24) Chloroform-d	4.339	84	249617	44.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.360%		
26) 1,2-Dichloroethane-d4	5.024	65	152882	47.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.820%		
32) Benzene-d6	5.043	84	537628	45.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
36) 1,2-Dichloropropane-d6	6.063	67	169029	47.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.220%		
41) Toluene-d8	7.307	98	471227	42.579	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.160%		
43) trans-1,3-Dichloroprop...	7.612	79	70884	39.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.260%		
47) 2-Hexanone-d5	8.082	63	162140	105.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.830%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	243727	47.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.080%		
66) 1,2-Dichlorobenzene-d4	11.612	152	200887	44.842	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.680%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2708	1.069	ug/L #	47
35) Methylcyclohexane	6.063	83	39711	7.447	ug/L #	21
65) 1,4-Dichlorobenzene	11.262	146	3450	0.502	ug/L	94
71) Naphthalene	13.496	128	11867	1.094	ug/L	100

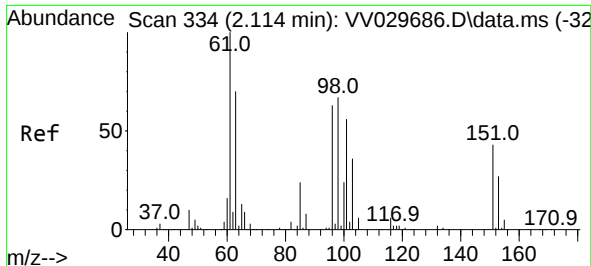
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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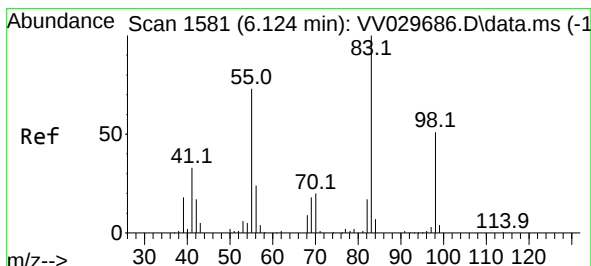
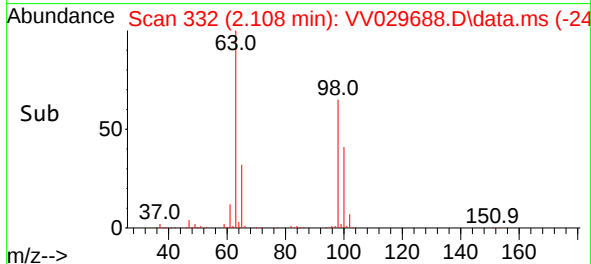
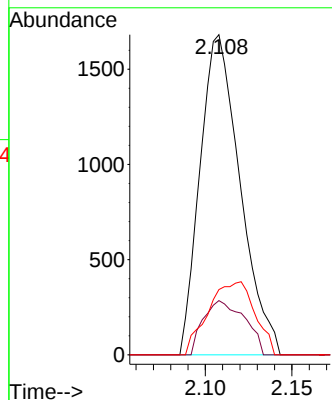
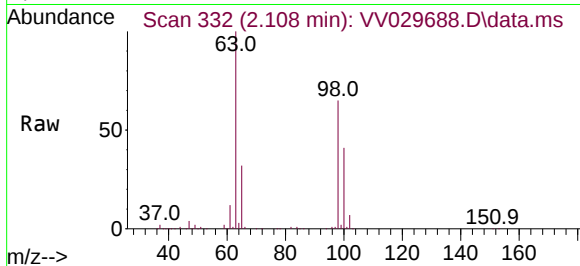




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.069 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VV029688.D
 Acq: 14 Dec 2022 14:19

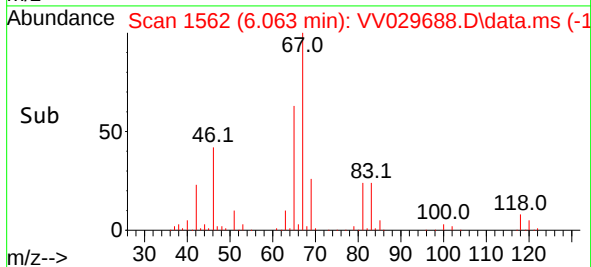
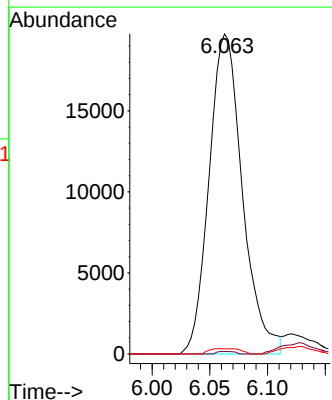
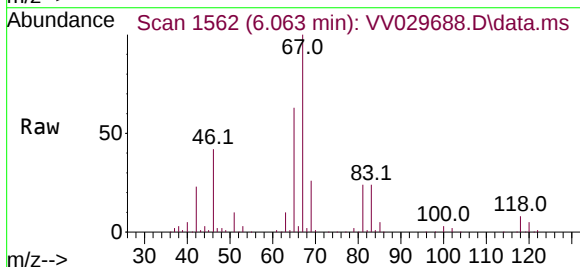
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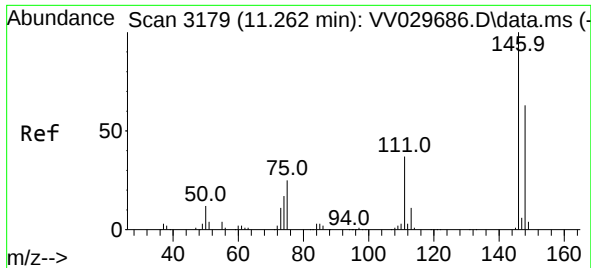
Tgt Ion:101 Resp: 2708
 Ion Ratio Lower Upper
 101 100
 85 17.5 33.6 50.4#
 151 26.5 63.5 95.3#



#35
 Methylcyclohexane
 Concen: 7.447 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.061 min
 Lab File: VV029688.D
 Acq: 14 Dec 2022 14:19

Tgt Ion: 83 Resp: 39711
 Ion Ratio Lower Upper
 83 100
 55 0.4 55.5 83.3#
 98 1.0 39.8 59.8#

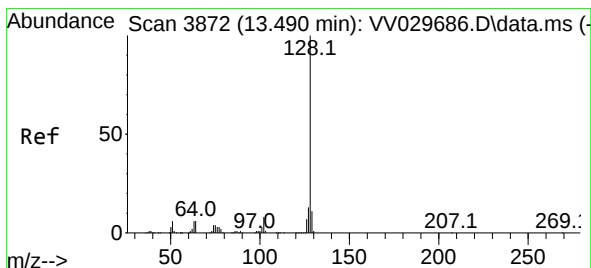
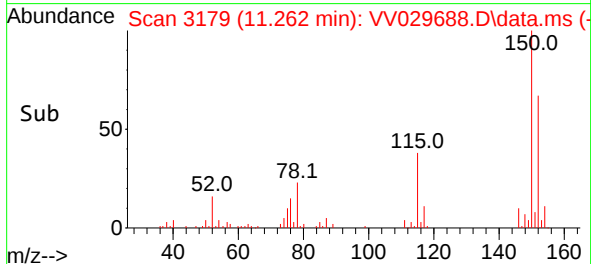
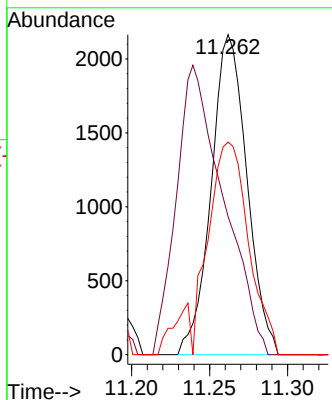
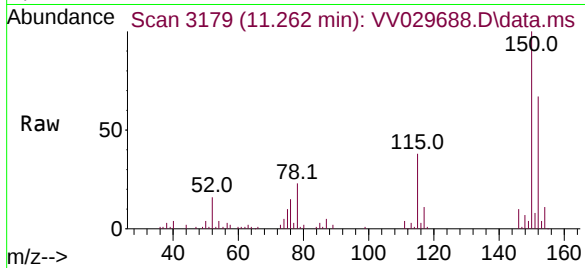




#65
1,4-Dichlorobenzene
Concen: 0.502 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029688.D
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Instrument :
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Tgt Ion:146 Resp: 3450
Ion Ratio Lower Upper
146 100
111 43.2 26.2 48.8
148 66.5 44.7 83.1



#71
Naphthalene
Concen: 1.094 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.006 min
Lab File: VV029688.D
Acq: 14 Dec 2022 14:19

Tgt Ion:128 Resp: 11867
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.4 8.5 12.7

